**Fangli Qiao**

Chair Professor of Physical Oceanography

Academician of International Eurasian Academy of Sciences

Editor-in-chief, Ocean Modelling

EPG member of UN Decade of Ocean Science for Sustainable Development

Deputy Director General of FIO, Ministry of Natural Resources, China

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| **Basic Information** | | | | | |
| First name | Fangli | | | | |
| Last name | Qiao | | | | |
| Gender | Male | | | | |
| Date of birth | 18 August, 1966 | | | | |
| Affiliation | First Institute of Oceanography (FIO), Ministry of Natural Resources (MNR), P. R. China | | | | |
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| E-mail | [qiaofl@fio.org.cn](mailto:qiaofl@fio.org.cn) | | | | |
| Address | 6 Xian-xia-ling Road, Laoshan District, Qingdao  266061, P R China | | | | |
| **Expertise** | | | | | |
| 1. Development of ocean and climate models;  2. Turbulence; Ocean mixing and air-sea interaction;  3. Ocean dynamics. | | | | | |
| **Academic Qualifications** | | | | | |
| Sep.1997-Jun. 2003 | | | Institute of Oceanography, Chinese Academy of Sciences (IOCAS), China | | PhD of Physical Oceanography |
| Sep.1988-Jun.1991 | | | First Institute of Oceanography, State Oceanic Administration (FIO/SOA), China | | Master of Physical Oceanography |
| Sep.1984-Jun. 1988 | | | Department of Oceanography, Ocean University of China (OUC), China | | Bachelor of Physical Oceanography |
| **Working Experiences** | | | | | |
| Jul. 2019-Now | | | | Deputy Director General, FIO | |
| Jan. 2014-Jun. 2019 | | | | Secretary General and Deputy Director General, FIO | |
| Oct. 1999-Dec. 2013 | | | | Deputy Director General, FIO | |
| Oct. 1997-Now | | | | Professor, FIO | |
| Oct. 1995-Sep. 1997 | | | | Associate Professor, FIO | |
| Oct. 1993-Sep. 1995 | | | | Assistant Professor, FIO | |
| Aug. 1991-Sep. 1993 | | | | Researcher, FIO | |
| **Long-term International Experiences** | | | | | |
| Apr. 2021-Now | | Editor-in-chief, Ocean Modelling | | | |
| Apr. 2021-Now | | Co-chair, UNESCO-IOC/WESTPAC | | | |
| Jul.2020-Mar. 2021 | | Co-editor-in-chief, Dynamics of Atmospheres and Oceans | | | |
| Oct.2018-Dec.2020 | | Executive Planning Group member, UN Decade of Ocean Science for Sustainable Development | | | |
| Apr.2017-Mar. 2021 | | Vice-chair, UNESCO-IOC/WESTPAC | | | |
| Jun. 2015-Now | | Chair, Scientific committee of China-PICES | | | |
| Nov. 2012-Now | | Governing Council Member, North Pacific Marine Science Organization (PICES) | | | |
| Nov. 2012-Now | | Editorial board member, Journal of Marine Systems | | | |
| Nov. 2012-Now | | Editorial board member, Acta Oceanologica Sinica | | | |
| Aug. 2011 | | The excellence in refereeing for outstanding service to the authors and readers of JGR-Ocean | | | |
| Jun. 2011-Now | | Director of UNESCO/IOC Regional Training & Research Center on Ocean Dynamics and Climate | | | |
| May 2010-May 2015 | | Director of China-Indonesia center for Ocean & Climate | | | |
| Jun. 2006-Mar. 2021 | | Editorial board member, Ocean Modelling | | | |
| May 2005-Oct. 2012 | | Science Board Member, North Pacific Marine Science Organization (PICES) | | | |
| Mar. 2001-Nov. 2001 | | Visiting Scholar, Princeton University, USA | | | |
| Sep. 1996-Mar. 1997 | | Frontier Fellowship, National Institute of Marine Environments, Japan | | | |
| **Academic Services** | | | | | |
| Dec. 2019-Now | | Chair of the Chinese Scientific Committee on Oceanic Research (SCOR-CHINA) | | | |
| May 2018-Apr. 2023 | | Vice Chair, national scientific committee of “Global change and mitigation” of Ministry of Science and Technology of China | | | |
| Apr. 2013-Dec. 2017 | | Member of the Higher Education Teaching Guidance Committee, Ministry of Education, China | | | |
| Dec. 2012-Now | | Member of the Expert Group for product integration of the National Key Project of Comprehensive and Evaluation Study of the polar environments | | | |
| Dec. 2012-Dec. 2017 | | Member of the 2nd Emergency Management Expert Group of the people's government of Qingdao | | | |
| Jun. 2010-Dec. 2014 | | Chief scientist, the National Key Basic Research Program of China (973 Program): The influence of air-sea interaction in the Southern and India Oceans on the East Asia and global climate change | | | |
| Oct. 2009-Nov. 2019 | | Vice Chair of the Chinese Scientific Committee on Oceanic Research (SCOR-CHINA) | | | |
| Jan. 2009-Dec. 2013 | | Member of the Academic Degree Committee of Shandong Province | | | |
| May 2008-Dec. 2018 | | Vice Chair of the Chinese Committee of the International Association for Physical Sciences of the Ocean (IUGG-IAPSO) | | | |
| Nov. 2006-Now | | Member of the Scientific Committee of the State Key Laboratory of Ocean Dynamic Environment Satellite | | | |
| Dec. 2006-Dec. 2010 | | Member of the Academic Committee of the Shanghai-NOAA Joint Center for Ocean Remote Sensing and Living Marine Resources Management | | | |
| Dec. 2005-Dec. 2010 | | Member of the Chinese Committee for Land-ocean Interaction, the coastal zone (CC-LOICS) | | | |
| Nov. 2005-Now | | Director of the Air-sea Interaction Committee, Chinese Oceanographic Society | | | |
| Nov. 2005-Now | | Deputy Director of the Youth Working Committee, the Chinese Oceanographic Society | | | |
| **Honors and Awards** | | | | | |
| 1. In 2019, Surface wave-tide-circulation coupled model and its applications, Marine Engineering Science and Technology Award, the first place of the special prize; | | | | | |
| 1. In 2019, The non-braking surface wav-induced vertical mixing theory and its applications, Natural Science Award of Qingdao, the first place of the first prize; | | | | | |
| 1. In 2018, The innovation scholar of Natural Science Foundation of China, the first place of the group; | | | | | |
| 1. In 2018, excellent scholar of Mountain Tai, Shandong Province of China, the first place of the list; | | | | | |
| 1. In 2017, National innovation Award on science and technology of China, the first place of the prize; | | | | | |
| 1. In 2016, A highly effective global surface wave numerical simulation with ultra-high resolution, Final list of Gorden Bell Prize, the first place of the group; | | | | | |
| 1. In 2015, The development and application of high efficiency EAKF ocean dada assimilation system, the first place of the second prize; | | | | | |
| 1. In April of 2014, Outstanding Scientists Award from UNESCO/IOC/ WESTPAC; | | | | | |
| 1. In October of 2014, Wooster Award of the North Pacific Marine Science Organization (PICES) ; | | | | | |
| 1. In 2014, The development and applications of new climate model with surface wave, Marine Engineering Science and Technology Award, the first place of the first prize; | | | | | |
| 1. In 2012, Study of the distribution and formation of the upwelling off China coasts, Marine Engineering Science and Technology Award, the first place of the second prize; | | | | | |
| 1. In 2011, Construction of a new type of wave-tide-circulation coupled model and its operational application, Marine Engineering Science and Technology Award, the first place of the first prize; | | | | | |
| 1. In 2011, Dynamical mechanism of the algea bloom drifting and its early warning, Marine Innovation Achievement Award, the first place of the second prize; | | | | | |
| 1. In 2010, Establishment and application of wave-circulation coupled theory, Marine Innovation Achievement Award, the first place of the first prize; | | | | | |
| 1. In 2007, New century talents national candidate of State Personnel Board; | | | | | |
| 1. In 2006, Ninth China Youth Science and Technology Prize of National Personnel Department, Organization Department and Chinese Association; | | | | | |
| 1. In 2006, Analysis, simulation and dynamics of tides and tidal currents in China seas, Marine Innovation Achievement Award, the third place of second prize; | | | | | |
| 1. In 2005, Construction of marine environment database, Marine Innovation Achievement Award, the first place of the first prize; | | | | | |
| 1. In 2004, Annual Special Government Allowance from State Council of China; | | | | | |
| 1. In 2003, System integration and technology for information products and the demonstration experiment, Marine Innovation Achievement Award, the fourth place of the second prize; | | | | | |
| 1. In 1999, Second Qingdao Youth Science and Technology Award; | | | | | |
| 1. In 1999, Study of the environmental division for Ocean Engineering parameters in the regions of Wenchang and Yingqiong seas in the western South China Sea, Marine Science and Technology Progress Award, the second place of the second prize; | | | | | |
| 1. In 1998, Study of regional hydrographic and meteorological extreme values in the eastern South China Sea, Science and Technology Progress Award of State Oceanic Administration, the fifth place of the third prize; | | | | | |
| 1. In 1996, Ten Outstanding Young Scientists of the State Oceanic Administration; | | | | | |
| 1. In 1995, Study of the hydrographic and meteorological parameters in the foreign bidding area of the East China Sea, Marine Science and Technology Progress Award, the fifth place of the second prize; | | | | | |
| 1. In 1995, Study of the hydrographic and meteorological parameters in Pinghu oil and gas field in the East China Sea, Excellent Marine Engineering Survey and Design Award of State Oceanic Administration, the fifth place of the first prize. | | | | | |
| **Published Papers (Totally more than 380 papers published)** | | | | | |
| 1. Shu Qi, Qiang Wang, Zhenya Song, Fangli Qiao, 2021. The poleward enhanced Arctic Ocean cooling machine in a warming climate. Nature Communication, 12:2966, https://doi.org/10.1038/s41467-021-23321-7 ***(Corresponding author).*** | | | | | |
| 1. Huang Chuanjiang, Fangli Qiao, 2021. Simultaneous observations of turbulent Reynolds stress in the ocean surface boundary layer and wind stress over the sea surface. Journal of Geophysical Research: Oceans, 126, e2020JC016839. <https://doi.org/10.1029/2020JC016839>  ***(Corresponding author).*** | | | | | |
| 1. Norden E. Huang, Fangli Qiao, Qian Wang, Hong Qian and Ka-Kit Tung, 2021. A model for the spread of infectious diseases compatible with case data. Proc. R. Soc. A 20210551, https://doi.org/10.1098/rspa.2021.055 (Co-first author). | | | | | |
| 1. Zhao Chang, Gang Wang, Min Zhang, Guansuo Wang, Govert de With, Roman Bezhenarg, Vladimir Maderich, Changshui Xia, Biao Zhao, Kyung Tae Jung, Raúl Peria´˜nez, Mohd Fadzil Akhir, Chalermrat Sangmanee, Fangli Qiao, 2021. Transport and dispersion of tritium from the radioactive water of the Fukushima Daiichi nuclear plant. Marine Pollution Bulletin 169 (2021) 112515, <https://doi.org/10.1016/j.marpolbul>. 2021.112515***(Corresponding author).*** | | | | | |
| 1. Raúl Perianez, Fangli e Qiao, Chang Zhaob, Govert de With, Kyung-Tae Jung, Chalermrat Sangmanee, Guansuo Wang, Changshui Xia, Min Zhang, 2021. Opening Fukushima ﬂoodgates: Modelling 137Cs impact in marine biota. Marine Pollution Bulletin 170, 112645, https://doi.org/10.1016/j.marpolbul.2021.112645. | | | | | |
| 1. Wei Meng, Qi Shu, Zhenya Song, Yajuan Song, Xiaodan Yang, Yongqing Guo, Xinfang Li, Fangli Qiao, 2021, Could CMIP6 climate models reproduce the early-2000s global warming slowdown? Science China Earth Sciences, 64, <https://doi.org/10.1007/s11430-020-9740-3> ***(Corresponding author).*** | | | | | |
| 1. Shaila Akhter, Fangli Qiao, Kejian Wu, Xunqiang Yin, K M Azam Chowdhury, Nur Uddin Md Khaled Chowdhury, 2021. Seasonal and long-term sea-level variations and their forcing factors in the northern Bay of Bengal: A statistical analysis of temperature, salinity, wind stress curl, and regional climate index data. Dynamics of Atmospheres and Oceans 95, 101239, https://doi.org/10.1016/j.dynatmoce.2021.101239. | | | | | |
| 1. Wang Shizhu, Xun Gong, Fangli Qiao, Evan J Gowan, Jan Streffing,Gerrit Lohmann, 2021. The impact of non-breaking surface waves in upper-ocean temperature simulations of the Last Glacial Maximum. Environmental Research Letters, 16, 034008, <https://doi.org/10.1088/1748-9326/abe14e>. | | | | | |
| 1. Wang Shizhu, Qiang Wang, Qi Shu, Zhenya Song, Gerrit Lohmann, Sergey Danilov and Fangli Qiao, 2021. Nonmonotonic change of the Arctic Ocean freshwater storage capability in a warming climate. Geophysical Research Letters, 48, e2020GL090951. https://doi. org/10.1029/2020GL090951 *(Corresponding author).* | | | | | |
| 1. Qiao Wenli, Lichuan Wu, Jinbao Song, Xue Li, Fangli Qiao, Anna Rutgersson, 2021. Momentum flux balance at the air-sea interface. Journal of Geophysical Research: Oceans, 126, e2020JC016563. <https://doi.org/10.1029/2020JC016563>. | | | | | |
| 1. Li Yan, Fangli Qiao, Hongyu Ma, Qiuli Shao, Zhixin Zhang, Guansuo Wang, 2021. The mechanism of the banded structure of drifting macroalgae in the Yellow Sea. Acta Oceanologica Sinica, 40(7), 31-41, <https://doi.org/10.1007/s13131-021-1771-9> ***(Corresponding author).*** | | | | | |
| 1. G. de With, R. Bezhenar, V. Maderich, Y. Yevdin, M. Iosjpe, K.T. Jung, F. Qiao, R. Perianez, 2021. Development of a dynamic food chain model for assessment of the radiological impact from radioactive releases to the aquatic environment. Journal of Enviromental Radioactivity, 233, 106615, https://doi.org/10.1016/j.jenvrad.2021.106615. | | | | | |
| 1. Claudia Tebaldi, Kevin Debeire, Veronika Eyring, Erich Fischer, John Fyfe, Pierre Friedlingstein, Reto Knutti, Jason Lowe, Brian O’Neill11, Benjamin Sanderson, Detlef van Vuuren, Keywan Riahi, Malte Meinshausen, Zebedee Nicholls, Katarzyna B. Tokarska, George Hurtt, Elmar Kriegler, Jean-Francois Lamarque, Gerald Meehl, Richard Moss, Susanne E. Bauer, Olivier Boucher, Victor Brovkin, Young-Hwa Byun, Martin Dix, Silvio Gualdi, Huan Guo, Jasmin G. John, Slava Kharin, YoungHo Kim, Tsuyoshi Koshiro, Libin Ma, Dirk Olivié, Swapna Panickal, Fangli Qiao, Xinyao Rong, Nan Rosenbloom, Martin Schupfner, Roland Séférian, Alistair Sellar, Tido Semmler, Xiaoying Shi, Zhenya Song, Christian Steger, Ronald Stouffer, Neil Swart, Kaoru Tachiiri, Qi Tang, Hiroaki Tatebe, Aurore Voldoire, Evgeny Volodin, Klaus Wyser, Xiaoge Xin, Shuting Yang, Yongqiang Yu, and Tilo Ziehn, 2021. Climate model projections from the Scenario Model Intercomparison Project (ScenarioMIP) of CMIP6. Earth Syst. Dynam., 12, 253-293, https://doi.org/10.5194/esd-12-253-2021. | | | | | |
| 1. Sun Chao, Li Liu, Ruizhe Li, Xinzhu Yu, Hao Yu, Biao Zhao, Guansuo Wang, Juanjuan Liu, Fangli Qiao, and Bin Wang, 2021. Developing a common, flexible and efficient framework for weakly coupled ensemble data assimilation based on C-Coupler2.0. Geosci. Model Dev., 14, 2635-2657, <https://doi.org/10.5194/gmd-14-2635-2021>. | | | | | |
| 1. Li Shuyao, Cui Hongyan, Xu Junli, Gong Xiang, Qiao Fangli, Yang Yanzhao, Wang Ping, Han Yunqun, Shan Feng, 2021. Factors contributing to rapid decline of Arctic sea ice in autumn. Advances in Polar Science, 2021(2): 96-104. | | | | | |
| 1. Qiao Fangli, Chuanjiang Huang, Tiegang Li, Min Zhang, Wenzheng Jiang, Yanxiong Liu, 2020, Mid-Holocene seawater preserved in the deepest oceanic blue hole. Science Bulletin, 65: 1975-1978, <https://doi.org/10.1016/j.scib.2020.08>. 006. | | | | | |
| 1. Huang Chuanjiang, Fangli Qiao, Hongyu Ma, 2020. Noise reduction of acoustic Doppler velocimeter data based on Kalman filtering and autoregressive moving average models. Acta Oceanologica Sinica, 39(12): 106-113, doi: 10.1007/s13131-020-1641-x ***(Corresponding author).*** | | | | | |
| 1. Chen Sheng, Anna Rutgersson, Xunqiang Yin, Ying Xu, Fangli Qiao, 2020, On the first observed wave-induced stress over the global ocean. *J. Geophys. Res. Oceans*, 125, e2020JC016623. https://doi.org/10.1029/2020JC016623 ***(Corresponding author).*** | | | | | |
| 1. Sun Yujuan, William Perrie, Fangli Qiao, Gang Wang, 2020, Intercomparisons of high-resolution global ocean analyses: Evaluation of a new synthesis in tropical oceans. *J. Geophys. Res. Oceans*, 125, e2020JC016118. <https://doi.org/10.1029/2020JC016118> | | | | | |
| 1. Bao Ying, Zhenya Song, Fangli Qiao, 2020, FIO-ESM Version 2.0: Model description and evaluation. *J. Geophys. Res. Oceans*, 125, e2019JC016036. https://doi.org/10.1029/2019JC016036 ***(Corresponding author).*** | | | | | |
| 1. Chen Sheng, Fangli Qiao, Jun A. Zhang, Hongyu Ma, Yuhuan Xue, Siyu Chen, 2020, Swell modulation on wind stress in the constant flux layer. *Geophysical Research Letters*, 47, e2020GL089883. https://doi.org/10.1029/2020GL089883 *(Corresponding author)*. | | | | | |
| 1. Chen Sheng, Fangli Qiao, Xue Yuhuan, Chen Siyu, Hongyu Ma, 2020, Directional characteristics of wind stress vector under swell-dominated conditions. *J. Geophys. Res. Oceans*, 125(7), e2020JC016352, <https://doi.org/10.1029/2020JC> 016352 ***(Corresponding author)****.* | | | | | |
| 1. Ma Hongyu, Alexander V. Babanin, Fangli Qiao, 2020, Field observations of sea spray under Tropical Cyclone Olwyn. Climate Dynamics, 70, 1439-1448, https://doi.org/10.1007/s10236-020-01408-x | | | | | |
| 1. Shu Qi, Qiang Wang, Zhenya Song, Fangli Qiao, Jiechen Zhao, Min Chu, and Xinfang Li, 2020, Assessment of sea ice extent in CMIP6 with comparison to observations and CMIP5. Geopgysiacal Research Letter, doi: 10.1029/2020GL087965 ***(Corresponding author)***. | | | | | |
| 1. Song Zhenya, Ying Bao, Danqi Zhang, Qi Shu, Yajuan Song, Fangli Qiao, 2020, Centuries of monthly and 3-hourly global ocean wave data for past, present, and future climate research. Scientific Data, 7:226, https://doi.org/10.1038/s41597 -020-0566-8 ***(Corresponding author)***. | | | | | |
| 1. Polnikov G Vladislav, Fangli Qiao, Hongyu Ma, 2020, Surface drift currents induced by waves and wind in a large tank. *J Phys. Oceangr*, 50: 3063-3073, doi: 10.1175/JPO-D-20-0009.1 | | | | | |
| 1. Polnikov G Vladislav, Fangli Qiao, Hongyu Ma, and Shumin Jiang, 2020, New effects in the evolution of the wave spectrum in a tank. ***Journal of Experimental and Theoretical Physics Letters***, 111(8): 434-441, doi: 10.1134/S002136402008007X | | | | | |
| 1. Song Yajuan, Yiding Zhao, Xunqiang Yin, Bao Ying, Fangli Qiao, 2020, Evaluation of FIO-ESM v1.0 Seasonal Prediction Skills Over the North Pacific. *Frontiers in Marine Science* 7(504):1-10, doi: 10.3389/fmars.2020.00504 ***(Corresponding author)***. | | | | | |
| 1. Huang E Norden, Fangli Qiao, 2020, A data driven time-dependent transmission rate for tracking an epidemic: a case study of 2019-nCoV, ***Science Bulletin,* 65:425-427,** <https://doi.org/10.1016/j.scib.2020.02.005> ***(Corresponding author)****.* | | | | | |
| 1. Ma Hongyu, Dejun Dai, Jingsong Guo, Fangli Qiao, 2020, Observational evidence of surface wave-generated strong ocean turbulence. ***J. Geophys. Res. Oceans***, 125, e2019JC01565, doi: 10.1029/2019JC015657 ***(Corresponding author)****.* | | | | | |
| 1. Huang Chuanjiang, Fangli Qiao, Dejun Dai, 2020, Can Langmuir Circulations Solve the Problem of Insufficient Upper-Ocean Mixing? Journal of Ocean University of China, 19(4): 761-771, doi: 10.1007/s11802-020-4325-4 | | | | | |
| 1. Wang Gang, Fangli Qiao, 2020, Mirror patterns of physical variables in the ocean. ***Cliamte Dynamics***, 54: 3109-3120, doi:10.1007/s00382-020-05161-1 ***(Corresponding author)****.* | | | | | |
| 1. Lu Jing, Guoqi Han, Changshui Xia, Zhenhua Chen, Cheng Tong, Zhenya Song, Yong Teng, Fangli Qiao, 2020, [Sediment dynamics near a sandy spit with wave-induced coastal currents](https://www.evise.com/evise/faces/pages/homepage/homepage.jspx?_adf.ctrl-state=hejsjvqup_4). *Continental Shelf Research*, 193, <https://doi.org/10.1016/j.csr.2019.104033> *(Corresponding author).* | | | | | |
| 1. Zhao Jiechen, Qi Shu, Chunhua Li, Xingren Wu, Zhenya Song, Fangli Qiao, 2020, The role of bias correction on subseasonal prediction of Arctic sea ice during summer 2018. Acta Oceanologica Sinica, 39(9): 50-59, doi: 10.1007/s13131-020-1578-0 *(Corresponding author).* | | | | | |
| 1. Zhou Tianjun, Ziming Chen, Liwei Zou, Xiaolong Chen, Yongqiang Yu, Bin Wang, Qing Bao, Ying Bao, Jian Cao, Bian He, Shuai Hu, Lijuan Li, Jian Li, Yanluan Lin, Libin Ma, Fangli Qiao, Xinyao Rong, Zhenya Song, Yanli Tang, Bo Wu, Tongwen Wu, Xiaoge Xin, He Zhang, Minghua Zhang, 2020, Development of Earth-Climate System Models in China and the CMIP6 Historical Simulations/Projections from Four Chinese Models. *Journal of Meteorological Reserach*, 34(1): 1-19, doi: 10.1007/s13351-020-9164-0. | | | | | |
| 1. Che Din Mohd Safuan, Nur Hidayah Roseli, Zainudin Bachok, Mohd Fadzil Mohd Akhir, Changshui Xia, Fangli Qiao, 2020, First record of tropical storm (Pabuk - January 2019) damage on shallow water reef in Pulau Bidong, south of South China Sea. *Regional Studies in Marine Science*, 35, https://doi.org/10.1016/j.rsma.2020.101216. | | | | | |
| 1. Chen Siyu, Qiao Fangli, Huang Chuanjiang, Song Zhenya, 2020, Contribution of the surface wave-induced vertical mixing to heat content in global upper ocean. Journal of Oceanology and Limnology, 38(2):307-313, doi: 10.1007/s00343-019-9003-2 ***(Corresponding author).*** | | | | | |
| 1. Zhang Ronghua, Yongqiang Yu, Zhenya Song, Hongli Ren, Youmin Tang, Fangli Qiao, Tongwen Wu, Chuan Gao, Junya Hu, Feng Tian, Yuchao Zhu, Lin Chen, Hailong Liu, Pengfei Liu, Fanghua Wu, Lin Wang, 2000, A review of progress in coupled ocean-atmosphere model developments for ENSO studies in China. Journal of Oceanology and Limnology, 38(4): 930-961, <https://doi.org/10.1007/s00343-020-0157-8>. | | | | | |
| 1. Huang Chuanjiang, Fangli Qiao, Dejun Dai, 2020, Can Langmuir circulations solve the problem of insufficient upper-ocean mixing. Journal of Ocean University of China: Oceanic and Coastal Sea Research, 19 (4): 761-771, https://doi.org/10.1007/s11802-020-4325-4. | | | | | |
| 1. Qiao Fangli, Guansuo Wang, Liping Yin, Kan Zeng, Yuanling Zhang, Min Zhang, Bin Xiao, Shumin Jiang, Haibo Chen, Ge Chen, 2019, Modeling oil trajectories and the potentially contaminated area from the *Sanchi* oil spill. *Science of the Total Environment*, 685: 856-866, doi:10.1016/j.scitotenv.2019.06.255 | | | | | |
| 1. Qiao Fangli, Guansuo Wang, Somkiat Khokiattiwong, Mohd Fadzil Akhir, Wenxi Zhu, Bin Xiao, 2019, China published Ocean Forecasting System for the 21th Century Maritime Silk Road on 10 December, 2018. ***Acta Oceanologica Sinica***, 38(1): 1-3, <https://doi.org/10.1007/s13131-019-1365-y>. | | | | | |
| 1. Qiao Fangli, Si Tuan Vo, Wenxi Zhu, 2019, Introduction of the special issue on the 10th WESTPAC International Scientific Conference. ***Acta Oceanologica Sinica***, 38(1): 4, https://doi.org/10.1007/s13131-019-1364-z. | | | | | |
| 1. Wei Meng, Fangli Qiao, Yongqing Guo, Jia Deng, Zhenya Song, Qi Shu, Xiaodan Yang, 2019, Quantifying the importance of interannual, interdecadal and multidecadal climate natural variabilities in the modulation of global warming rates. *Climate Dynamics*, 53(11), 6715-6727, doi:10.1007/s00382-019-04955-2 *(Corresponding author)* | | | | | |
| 1. [Wang Shihong, Fangli Qiao, Dejun Dai, Xiaohui Zhou, 2019, Anisotropy of the sea surface height wavenumber spectrum from altimeter observations. ***Scientific Report***, 9:15896, https://doi.org/10.1038/s41598-019-52328-w.](file://C:\Users\Qiao\Documents\WeChat%20Files\wxid_wa5v0qr6t64r22\FileStorage\File\2021-10\Wang%20Shihong,%20Fangli%20Qiao,%20Dejun%20Dai,%20Xiaohui%20Zhou,%202019,%20Anisotropy%20of%20the%20sea%20surface%20height%20wavenumber%20spectrum%20from%20altimeter%20observations.%20Scientific%20Report,%209:15896,%20https:\doi.org\10.1038\s41598-019-52328-w.) ***(Corresponding author)*** | | | | | |
| 1. Huang Chuanjiang, Fangli Qiao, Siyu Chen, Yuhuan Xue, Jingsong Guo, 2019, Observation and parameterization of broadband sea surface albedo. ***J. Geophys. Res. Oceans***, 124, 4480-4491, https://doi.org/10.1029/2018JC014444 ***(Corresponding author).*** | | | | | |
| 1. Chen Sheng, Fangli Qiao, Wenzheng Jiang, Jingsong Guo, Dejun Dai, 2019, Impact of surface waves on wind stress under low to moderate wind conditions. ***J Phys. Oceangr*,** 49(8):2017-2028, doi: 10.1175/JPO-D-18-0266.1 ***(Corresponding author).*** | | | | | |
| 1. Deng Jia, ZhaohuaWu, Min Zhang, Norden. E Huang, ShizhuWang, Fangli Qiao, 2019, Data concerning statistical relation between obliquity and Dansgaard-Oeschger events. ***Data in Brief***, https://doi.org/10.1016/j.dib.2019.103727 ***(Corresponding author).*** | | | | | |
| 1. Wang Shizhu, Qiang Wang, Qi Shu, Patrick Scholz, Gerrit Lohmann, Fangli Qiao, 2019, Improving the upper‐ocean temperature in an ocean climate model (FESOM 1.4): Shortwave penetration versus mixing induced by nonbreaking surface waves. ***Journal of Advances in Modeling Earth Systems***, 11(2): 545-557, https://doi. org/10.1029/2018MS001494 ***(Corresponding author).*** | | | | | |
| 1. Shu Qi, Qiang Wang, Jie Su, Xiang Li, and Fangli Qiao, 2019, Assessment of Atlantic water layer in the Arctic Ocean in CMIP5 climate models. ***Climate Dynamics***, 53:5279-5291, <https://doi.org/10.1007/s00382-019-04870-6> | | | | | |
| 1. Steven J. Bograd, Sukyung Kang, Emanuele Di Lorenzo, Toyomitsu Horii, Oleg N. Katugin, Jackie R. King, Vyacheslav B. Lobanov, Mitsutaku Makino, Guangshui Na, R. Ian Perry, Fangli Qiao, Ryan R. Rykaczewski, Hiroaki Saito, Thomas W. Therriault, Sinjae Yoo, and Hal Batchelder, 2019, Developing a Social-Ecological-Environmental System Framework to Address Climate Change Impacts in the North Pacific. ***Frontiers in Marine Science***, 6, doi:10.3389/fmars.2019.00333 | | | | | |
| 1. Alexander V Babanin, Rogers W., Erick de Camargo Ricardo, Doble Martin, Durrant Tom, Filchuk Kirill, Ewans Kevin, Hemer Mark, Janssen Tim, Kelly-Gerreyn Boris, Machutchon Keith, McComb Peter, Qiao Fangli, Schulz Eric, Skvortsov Alex, Thomson Jim,Vichi Marcello,Violante-Carvalho Nelson,Wang David,Waseda Takuji,Williams Greg,Young Ian R., 2019, Waves and Swells in High Wind and Extreme Fetches, Measurements in the Southern Ocean. ***Frontiers in Marine Science***, 6, doi: 10.3389/fmars.2019.00361 | | | | | |
| 1. Voermans J. Joey, Henrique Rapizo, Hongyu Ma, Fangli Qiao, Alexander V. Babanin, 2019, Air-sea momentum ﬂuxes during Tropical Cyclone Olwyn. ***J Phys. Oceangr***, 49: 1369-1379, doi: 10.1175/JPO-D-18-0261.1 | | | | | |
| 1. Benetazzo Alvise, Luigi Cavaleri, Hongyu Ma, Shumin Jiang, Filippo Bergamasco, Wenzheng Jiang, Sheng Chen, Fangli Qiao, 2019, Analysis of the effect of fish oil on wind waves and implications for air-water interaction studies. *Ocean Science*, 15, 725-743, https://doi.org/10.5194/os-15-725-2019. | | | | | |
| 1. Fox-Kemper B, Adcroft A, Böning CW, Chassignet EP, Curchitser E, Danabasoglu G, Eden C, England MH, Gerdes R, Greatbatch RJ, Grifﬁes SM, Hallberg RW, Hanert E, Heimbach P, Hewitt HT, Hill CN, Komuro Y, Legg S, Le Sommer J, Masina S, Marsland SJ, Penny SG, *Qiao F*, Ringler TD, Treguier AM, Tsujino H, Uotila P and Yeager SG, 2019, Challenges and prospects in ocean circulation models. ***Frontiers in Marine Science***, 6: 65. doi: 10.3389/fmars.2019.00065. | | | | | |
| 1. Kok Poh Heng, Akhir Mohd Fadzil, Fangli Qiao, 2019, Distinctive characteristics of upwelling along the Peninsular Malaysia's east coast during 2009/10 and 2015/16 El Ninos. ***Continental Shelf Resrach***, 184: 10-20, doi: 10.1016/j.csr.2019.07.004 | | | | | |
| 1. Liu Qingxiang, W. Eric Roger, Alexander V. Babanin, Ian R. Young, Leonel Romero, Stefan Zieger, Fangli Qiao, Changlong Guan, 2019, Observation-based source terms in the third-generation wave model WAvewatch III: updates and verification, ***J Phys. Oceangr*,** 49:489-517,doi: 10.1175/JPO-D-18-0137.1. | | | | | |
| 1. Zhao Yiding, Xunqiang Yin, Yajuan Song, Fangli Qiao, 2019. Seasonal prediction skills of FIO-ESM for the North Pacific sea surface temperature and precipitation. ***Acta Oceanologica Sinica***, 38(1): 5-12, https://doi.org/10.1007/s13131-019-1366-x ***(Corresponding author)***. | | | | | |
| 1. Mir Kashem, Md Kawser Ahmed, Fangli Qiao, M A E Akhter, K M Azam Chowdhury, 2019, The response of the upper ocean to tropical cyclone Viyaru over the Bay of Bengal. ***Acta Oceanologica Sinica***, 38(1): 61-70, <https://doi.org/10.1007/s13131-019-1370-1>. | | | | | |
| 1. Yin Liping, Xiujuan Shan, Chang Zhao, Xianshi Jin, Guansuo Wang, Fangli Qiao, 2019, A model for the transportation and distribution of jellyfish Rhopilema esculentum for stock enhancement in the Liaodong Bay, China. ***Acta Oceanologica Sinica***, 38(1): 90-101, <https://doi.org/10.1007/s13131-019-1374-x> ***(Corresponding author)***. | | | | | |
| 1. Song Xiangzhou, Ruixin Huang, Dexing Wu, Fangli Qiao and Guansuo Wang, 2019, Geostrophic spirals generated by the horizontaldiﬀusion of vortex stretching in the Yellow Sea. ***Advance in Atmospheric Science,*** 36(2): 219-230, https://doi.org/10.1007/s00376018-8091-9. | | | | | |
| 1. Zhenhua Chen, ***Fangli Qiao***, Gang Wang, Changshui Xia, 2019, Sensitivity of the half-life time of water exchange in coastal waters. ***Science China-Earth Sciences***, 62, https:// doi.org/10.1007/s11430-017-9273-2 (***Corresponding*** ***author***) | | | | | |
| 1. Xu Xianfeng, Tianyu Ma, Zhiyong Jiao, Liang Xu, Dejun Dai, Fangli Qiao, Ting-Chung Poon, 2019, Novel generalized three-step phase-shifting interferometry with a slight-tilt reference. *Applied Sciences*, 9, 5015, doi:10.3390/app9235015. | | | | | |
| 1. Deng Jia, ZhaohuaWu, Min Zhang, Norden. E Huang, ShizhuWang, Fangli Qiao, 2018, Using Holo-Hilbert spectral analysis to quantify the modulation of Dansgaard-Oeschger events by obliquity. ***Quaternary Science Reviews,*** 192, 282-299, https://doi.org/10.1016/j.quascirev.2018.05.019 ***(Corresponding author)*** | | | | | |
| 1. Shu Qi, Fangli Qiao, Zhenya Song, Jiechen Zhao, and Xinfang Li, 2018, Projected freshening of the Arctic Ocean in the 21st century. ***J. Geophys. Res. Oceans***, 123(12): 9232-9244, https://doi.org/10.1029/2018JC014036 ***(Corresponding author).*** | | | | | |
| 1. Chen Sheng, Fangli Qiao, Chuanjiang Huang, Biao Zhao, 2018, Deviation of wind stress from wind direction under low wind conditions. *J. Geophys. Res. Oceans*, 123(12): 9357-9368, doi: 10.1029/2018JC014137 *(Corresponding author).* | | | | | |
| 1. Zhang Min, Zhaohua Wu, and Fangli Qiao, 2018, Deep Atlantic-Ocean warming facilitated by the deep western boundary current and equatorial Kelvin waves. ***Journal of Climate***, 31(20): 8541-8555, doi:10.1175/JCLI-D-18-0255.1 ***(Corresponding author)*** | | | | | |
| 1. Zhang Min, Yuanling Zhang, Qi Shu, Chang Zhao, Gang Wang, Zhaohua Wu, Fangli Qiao, 2018. Spatiotemporal evolution of the Chlorophyll a trend in the North Atlantic Ocean. ***Science of the Total Environment***, 612: 1141-1148, doi: http://dx.dooi.org/10.1016/j.scitotenv.2017.08.303 (***Corresponding author***). | | | | | |
| 1. Chen Siyu, Fangli Qiao, Chuanjiang Huang, Zhenya Song, 2018, Effects of the non-breaking surface wave induced vertical mixing on winter mixed layer depth in subtropical regions. ***J. Geophys. Res. Oceans***, 123(4): 2934-2944. https://doi.org/10.1002/2017JC013038 ***(Corresponding author)***. | | | | | |
| 1. Huang Chuanjiang, Hongyu Ma, Jingsong Guo, Dejun Dai and ***Fangli Qiao***, 2018, Calculation of turbulent dissipation rate with Acoustic Doppler Velocimeter. ***Limnology and Oceanograpgy: Methods***, 26(5), 265-272, doi: 10.1002/lom3.10243 ***(Corresponding author)***. | | | | | |
| 1. Wang Guansuo, Biao Zhao, Fangli Qiao, Chang Zhao, 2018, Rapid intensification of Super Typhoon Haiyan: The important role of a warm-core ocean eddy. ***Ocean Dynamics***, 68(12): 1649-1661, doi:10.1007/s10236-018-1217-x. | | | | | |
| 1. Zhang Zhixin, Fangli Qiao, Jingsong Guo, Binghuo Guo, 2018, Seasonal changes and driving forces of inﬂow and outﬂow through the Bohai Strait. ***Continental Shelf Research***, 154:1-8, <https://doi.org/10.1016/j.csr.2017.12.012> ***(Corresponding author)***. | | | | | |
| 1. Yin Xunqiang, Junqiang Shi, Fangli Qiao, 2018, Evaluation on surface current observing network of high frequency ground wave radars in the Gulf of Thailand. ***Ocean Dynamics***, 68(4-5): 575-587, doi:10.1007/s10236-018-1149-5 | | | | | |
| 1. Zhang Zhiwei, Hui Wu, Xunqiang Yin, Fangli Qiao, 2018. Dynamical response of Changjiang River plume to a severe typhoon with the surface wave-induced mixing. ***Journal of Geophysical Research: Oceans***, 123(12): 9369-9388. https://doi.org/10.1029/ 2018JC014266 | | | | | |
| 1. Zhang Yutong, Haiming Xu, Fangli Qiao, Changming Dong, 2018, Seasonal variation of the global mixed layer depth: comparison between Argo data and FIO-ESM. ***Frontiers of Earth Science***, 12(1): 24-36, doi: 10.1007/s11707-017-0631-6. | | | | | |
| 1. Yin Liping, Min Zhang, Yuanling Zhang, Fangli Qiao, 2018, The long-term prediction of the oil-contaminated water from the Sanchi collision in the East China Sea. ***Acta Oceanologica Sinica***, 37(3): 69-72, doi: 10.1007/s13131-018 -1193-5 ***(Corresponding author)***【封面文章】***.*** | | | | | |
| 1. Shi Junqiang, Xunqiang Yin, Qi Shu, Bin Xiao, Fangli Qiao, 2018, Evaluation on data assimilation of a global high resolution wave-tide-circulation coupled model using the tropical Pacific TAO buoy observations. ***Acta Oceanologica Sinica***, 37(3): 8-20, doi: 10.1007/ s13131-018-1196-2 ***(Corresponding author).*** | | | | | |
| 1. Shu Qi, Fangli Qiao, Zhenya Song, and Yajuan Song, 2018, Link between the Barents Oscillation and recent boreal winter cooling over the Asian midlatitudes. ***Adv. Atmos. Sci.***, 35(1): 127–132, https://doi.org/10.1007/s00376-017-7021-6. | | | | | |
| 1. Qiao Fangli, Wei Zhao, Xunqiang Yin, Xiaomeng Huang, Xin Liu, Qi Shu, Guansuo Wang, Zhenya Song, Xinfang Li, Haixing Liu, Guangwen Yang, and Yeli Yuan, 2017, A highly effective global surface wave numerical simulation with ultra-high resolution. International Conference For High Performance Computing, Networking, Storage And Analysis, Sc.345 E 47th St, New York, Ny 10017 Usa.Ieee.2017-03-13, 46-56, ISBN 978-1-4673-8815-3, <http://dl.acm.org/citation.cfm?id=3014904.3014911> | | | | | |
| 1. Qiao Fangli, and Chuanjiang Huang, 2017. Wave Effects in the upper Ocean, in ***Encyclopedia of Maritime and Offshore Engineering***. Edited by John Carlton, Yoo Sang Choo, and Paul Jukes, John Wiley & Sons Ltd, doi: 10.1002/9781118476406.emoe088 | | | | | |
| 1. Zhao Biao, ***Fangli Qiao***, Luigi Cavaleri, Guansuo Wang, Luciana Bertotti, Li Liu, 2017. Sensitivity of typhoon modeling to surface waves and rainfall. ***J. Geophys. Res. Oceans***, 122(3): 1702-1723, doi:10.1002/2016JC012262 ***(Corresponding author).*** | | | | | |
| 1. Zhang Min, Yuanling Zhang, Fangli Qiao, Jia Deng, Gang Wang, 2017, Shifting trends in bimodal phytoplankton blooms in the North Pacific and North Atlantic Oceans from space with Holo-Hilbert spectral analysis. *IEEE Journal of Selected Topics in Applied Earth Obersvations and Remote Sensing*, 10(1): 57-64, doi: 101019/JSTARS.2016.2625813 (*Corresponding author)*. | | | | | |
| 1. Zhang Min, Fangli Qiao, Zhenya Song, 2017, Observation of atmospheric methane in the Arctic Ocean up to 87º north. *Science China-Earth Sciences*, 60(1): 173-179, doi:10.1007/s11430-015-0241-3 (Correspondi*ng author)* . | | | | | |
| 1. Lu Jing, Xiaohua Wang, Alex V Babanin, Saima Aijaz, Younjong Sun, Yong Teng, Kyung-Tae Jung, Fangli Qiao, 2017. Modeling of suspended sediment concentrations under combined wave-current flow over rippled bed. ***Estuarine, Coastal and Shelf Science***, 199:59-73, <https://doi.org/10.1016/j.ecss.2017.09.020> (***Corresponding author***) | | | | | |
| 1. Shu Qi, ***Fangli Qiao,*** Zhenya Song, and Bin Xiao, 2017, Effect of increasing Arctic river runoff on the Atlantic meridional overturning circulation: a model study. ***Acta Oceanologica Sinica***, 36(8): 59-65, doi: 10.1007/s13131-017-1009-z. | | | | | |
| 1. [Wei Meng, Qiao Fangli, 2017, Attribution analysis for the failure of CMIP5 climate models to simulate the recent global warming hiatus. ***Science China-Earth Sciences***, 60(2): 397-408, doi: 10.1007/s11430-015-5465-y ***(Corresponding author)***.](http://ir.fio.com.cn:8080/handle/2SI8HI0U/3229) | | | | | |
| 1. Zou Liwei, Tianjun Zhou, Fangli Qiao, Wei Zhao, 2017, Development of a regional ocean-atmosphere-wave coupled model and its preliminary evaluation over the CORDEX East Asia domain. ***International Journal of Climatology,*** 37(122): 4478-4485, doi: 10.1002/joc.5067 | | | | | |
| 1. Wang Yingxia, Wenzheng Jiang, Fangli Qiao, Siyu Chen, 2017, A stereo photographic physical model for ocean wave measurement. ***Acta Physica Sinica***, 66(5), doi: 10.7498/aps.66.059201 | | | | | |
| 1. ***Qiao Fangli***, Yeli Yuan, Jia Deng, Dejun Dai and Zhenya Song, 2016, Wave turbulence interaction induced vertical mixing and its effects in ocean and climate models. ***Philosophical Transactions of the Royal Society******of London Series A - Mathematical Physical and Engineering Sciences,*** A 374: 20150201.http://dx. doi.org/10.1098/rsta.2015.0201. | | | | | |
| 1. Wu Zhaohua, Jiaxin Feng, ***Fangli Qiao***, and Zhemin Tan, 2016, Fast multi- dimensional ensemble empirical mode decomposition for the analysis of big spatio-temporal datasets. ***Philosophical Transactions of the Royal Society******of London Series A - Mathematical Physical and Engineering Sciences,*** A 374: 20150197. http://dx.doi.org/10.1098/rsta.2015.0197. | | | | | |
| 1. Fu Haohuan, Junfeng Liao, Jinzhe Yang, Lanning Wang, Zhenya Song, Xiaomeng Huang, C. Yang, Wei Xue, F. Liu, ***Fangli Qiao,*** Wei Zhao, X. Yin, C. Hou, C. Zhang, W. Ge, J. Zhang, Y. Wang, C. Zhou, and Guangwen Yang, 2016, The Sunway TaihuLight supercomputer: system and applications. ***Science China-Information Sciences***, 59(7), 072001, doi: 10.1007/s11432-016-5588 -7. | | | | | |
| 1. Bao Ying, Fangli Qiao, Zhenya Song, 2016, On the accumulative contribution of CO2 emission from China to global climate change. ***Science China-Earth Sciences***, 59(11): 2202-2212, doi: 10.1007/s11430-016-5335-3***(Corresponding author)***. | | | | | |
| 1. Chen Hui, Xuqnqiang Yin, Ying Bao, ***Fangli Qia***o, 2016. Ocean satellite data assimilation experiments in FIO-ESM using ensemble adjustment Kalman filter. ***Science China-Earth Sciences***, 59(3): 484-494, doi: 10.1007/s11430-015-5187-2 ***(Corresponding author)***. | | | | | |
| 1. Wang Guansuo, Chang Zhao, Jiangling Xu, Fangli Qiao, Changshui Xia, 2016, Verification of an operational ocean-wave coupled forecasting system for the China Seas. ***Acta Oceanologica Sinica***,35(2):19-28, doi: 10.1007/s13131-016-0810-4***(Corresponding author)*** | | | | | |
| 1. Griffies Stephen M., Gokhan Danabasoglu, Paul J. Durack, Alistair J. Adcroft, V. Balaji, Claus W. Böning, Eric P. Chassignet, Enrique Curchitser, Julie Deshayes, Helge Drange, Baylor Fox-Kemper, Peter J. Gleckler, Jonathan M. Gregory, Helmuth Haak, Robert W. Hallberg, Patrick Heimbach, Helene T. Hewitt, David M. Holland, Tatiana Ilyina, Johann H. Jungclaus, Yoshiki Komuro, John P. Krasting, William G. Large, Simon J. Marsland, Simona Masina, Trevor J. McDougall, A. J. George Nurser, James C. Orr, Anna Pirani, ***Fangli Qiao***, Ronald J. Stouffer, Karl E. Taylor, Anne Marie Treguier, Hiroyuki Tsujino, Petteri Uotila, Maria Valdivieso, Qiang Wang, Michael Winton, and Stephen G. Yeager, 2016, OMIP contribution to CMIP6: experimental and diagnostic protocol for the physical component of the Ocean Model Intercomparison Project. Geoscientific Model Development. 9(9): 3231-3296, doi: 10.5194/gmd-9-3231-2016. | | | | | |
| 1. Mertikas P. Stelios, Xinghua Zhou, Fangli Qiao, Antonis Daskalakis, Mingsen Lin, Hailong Peng, Ilias N. Tziavos, George Vergos, Achilleas Tripolitsiotis, Xenophon Frantzis, 2016, First preliminary results for the absolute calibration of the Chinese HY-2 altimetric mission using the CRS1 calibration facilities in west Crete, Greece. ***Advances in Space Research***, 57(1): 78-95, <http://dx.doi.org/10.1016/j.asr.2015.10.016> | | | | | |
| 1. Mertikas Stelios, Craig DonLon, Constantin Mavrocordatos, Ilias Tziavos, Demitris Galanakis, George Vergos, Ole Baltazar Andersen, Achilles Tripolitsiotis, Xenofon Frantzis, Mingsen Lin, ***Fangli Qiao***, 2016, Gavdos/west Crete cal-val site: Over a decade calibrations for Jason series, Saral/altika, Cryosat-2, Sentinel-3 and HY-2 Altimeter satellites. ***European Space Agency (Special Publication) ESA Sp.*** European Space Agency.2016-08-01. | | | | | |
| 1. Bezhenar Roman, Kyung Tae Jung, Vladimir Maderich, Stefan Willemsen, de With Govert, ***Fangli Qiao***, 2016, Transfer of radiocasium from contaminated bottom sediments to marine organisms through benthic food chain in post-Fukushima and post-Chernobyl periods. ***Biogeosciences***, 13(10): 3021-3034, doi:10.5194/bg-13-3021-2016. | | | | | |
| 1. Buranapratheprat Anukul, Pontipa Luadnakrob, Tetsuo Yanagi, Akihiko Morimoto, ***Fangli Qiao,*** 2016, The modification of water column conditions in the Gulf of Thailand by the influences of the South China Sea and monsoonal winds. ***Continental Shelf Research,*** 118, 100-110, [http://dx.doi.org/10.1016/ j.csr.2016.02.016](http://dx.doi.org/10.1016/%20j.csr.2016.02.016). | | | | | |
| 1. Xiao Bin, *Fangli Qiao*, and Qi Shu, 2016, The performance of a *z*-level ocean model in modeling global tide. *Acta Oceanologica Sinica,* 35(11): 35-43, doi: 10.1007/s13131-016-0884-z (*Corresponding author*). | | | | | |
| 1. Cui Hongyan and Fangli Qiao, 2016. Analysis of the extremely cold and heavy snowfall in North America in January 2015. Atmospheric and Oceanic Science Letters, 9(2): 75-82, doi: 10.1080/16742834.2016.1133057 ***(Corresponding author)***. | | | | | |
| 1. [Cui Hongyan, ***Fangli Qiao***, Qi Shu, Long Yu, 2016, Northern-hemisphere snow cover patterns and formation conditions in winter 2007 and 2012. ***Journal of Ocean University of China***, 15(3): 407-413, doi:10.1007/s11802-016-2807-1 ***(Corresponding author)***.](http://ir.fio.com.cn:8080/handle/2SI8HI0U/3425) | | | | | |
| 1. [Yang Chunmei, Wenyu Luo, Renhe Zhang, Liangang Lu, ***Fangli Qiao***, 2016, An efficient coupled-mode formulation for acoustic propagation in inhomogeneous waveguides. ***Journal of Computational Acoustics***, 24(1), doi:10.1142/S0218396X15500198.](http://ir.fio.com.cn:8080/handle/2SI8HI0U/3487) | | | | | |
| 1. [Yang Chunmei, Liangang Lu, ***Fangli Qiao***, Wenyu Luo, 2016, Three-dimensional analytical solution and numerical solution in a penetrable wedge-shaped waveguide. ***2016 IEEE/OES China Ocean Acoustics Symposium*** (COA). 345 E 47th St, New York, Ny 10017 USA. IEEE.2016-01-01.](http://ir.fio.com.cn:8080/handle/2SI8HI0U/4993) | | | | | |
| 1. Shu Qi, Zhenya Song, Fangli Qiao, 2015, Assessment of sea ice simulations in the CMIP5 Models. ***The Cryosphere,*** 9, 399-409, doi:10.5194/tc-9-399-2015 **(Corresponding author).** | | | | | |
| 1. Wei Meng, ***Fangli Qiao***, and Jia Deng, 2015, A quantitative definition of global warming hiatus and 50-year prediction of global-mean surface temperature. ***J. Atmos. Sci.***, 72(8): 3281-3289, doi: <http://dx.doi.org/10.1175/JAS-D-14-0296.1> (**Corresponding author**). | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, 2015, Sea level rise projection in the South China Sea from CMIP5 models. ***Acta Oceanologica Sinica,*** 34(3): 31-41, doi:10.1007/s13131-015-0631-x ***(Corresponding author).*** | | | | | |
| 1. Gang Wang, Shuangxi Yan, and ***Fangli Qiao***, 2015, Decadal variability of upper ocean heat content in the Pacific: Responding to the 11-year solar cycle. ***Journal of Atmospheric and Solar-Terrestrial Physics***, 135: 101-106, doi: 10.1016/j.jastp.2015.10.016. | | | | | |
| 1. Song Zhenya, Sang-Ki Lee, Chunzai Wang, Ben Kirtman and Fangli Qiao, 2015, Contributions of the atmosphere-land and ocean-sea ice model components to the tropical Atlantic SST bias in CESM1. ***Ocean Modelling,*** 96: 280-290, <http://dx.doi.org/10.1016/j.ocemod.2015.09.008> | | | | | |
| 1. Chen Zhenhua, Fangli Qiao, Changshui Xia, and Gang Wang. 2015, Numerical investigation of seasonal variation of the cold water mass in the Beibu Gulf and its mechanism. ***Acta Oceanologica Sinica,*** 34(1): 44-54, doi: 10.1007/s13131-015-0595-x ***(Corresponding author).*** | | | | | |
| 1. Wang Gang, Quanan Zheng, Min Lin, Dejun Dai, ***Fangli Qiao***, 2015, Three dimensional simulations of internal wave attractors in the Luzon Strait. ***Acta Oceanologica Sinica,*** 34(11): 14-21, Doi: 10.1007/s1331-015-0744-2. | | | | | |
| 1. Cui Hongyan, ***Qiao Fangli***, Shu Qi, Song Yajuan, Jiang Chunfei, 2015, Causes for different spatial distributions of minimum Arctic sea-ice extent in 2007 and 2012. ***Acta Oceanologica Sinica***, 34(9): 94-101, doi: 10.1007/s13131-015-0676-x **(*Corresponding author*)** | | | | | |
| 1. Mohd Fadzil Mohd Akhir, Fredolin Tangang, Farshid Daryabor, Mohd Lokman Husain, Fangli Qiao, 2015, Evidence of Upwelling along Peninsular Malaysia during Southwest Monsoon. Open Journal of Marine Science, 5, 273-279. <http://dx.doi.org/10.4236/ojms.2015.53022> | | | | | |
| 1. Yang Chunmei, Wenyu Luo, Renhe Zhang, Lianggang Lv and Fangli Qiao, 2015, An efficient coupled-mode formulation for acoustic propagation in inhomogeneous waveguides. Journal of Computational Acoustics, 23: 1550019, doi:10.1142/S0218396X15500198. | | | | | |
| 1. Jun Ki Cheon, Weon Mu Jeong, Jin Yong Choi, Kwang Soon Park, Kyung Tae Jung, Mee Kyung Kim, Jang Won Chae, Fangli Qiao, 2015, Simulation of the extreme waves generated by typhoon Bolaven (1215) in the East China Sea and Yellow Sea. Acta Oceanologica Sinica, 34(12): 19-28, doi: 10.1007/s13131-015-0779-4. | | | | | |
| 1. Oh Kyung-Hee, Seok Lee, Heung-Jae Lie, Kyung Tae Jung, Fangli Qiao, 2015, Study on the current structure of the thermohaline front in the southeastern entrance of the Yellow Sea during winter. Acta Oceanologica Sinica, 34(12): 29-36, doi: 10.1007/s13131-015-0763-z. | | | | | |
| 1. Zhao Chang, Gang Wang, Fangli Qiao, Guansuo Wang, KyungTae Jung and Changshui Xia, 2015, A numerical investigation into the long-term behaviors of Fukushima-derived 137Cs in the ocean. Acta Oceanologica Sinica, 34(12): 37-43, doi: 10.1007/s13131-015-0775-8***(Corresponding author)*** | | | | | |
| 1. Song Zhenya, Qi Shu, Ying Bao, Xunqiang Yin and Fangli Qiao, 2015, The prediction on the 2015/16 El Niño event from the perspective of FIO-ESM. Acta Oceanologica Sinica, 34(12): 67-71, dio:10.1007/s13131-015-0787-4 ***(Corresponding author)***. | | | | | |
| 1. Yin Liping, *Fangli Qiao*, Quanan Zheng, 2014, Coastal trapped-waves in the East China Sea observed by a mooring array in winter 2006. *J Phys. Oceangr*, 44(2):576-590, doi:10.1175/JPO-D-13-07.1 *(Corresponding author).* | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, Dejun Dai, 2014, Evaluating CMIP5 simulations of mixed layer depth during summer.***J. Geophys. Res. Oceans***, 119, 2568-2582, doi: 10.1002/2013JC009535 ***(Corresponding author).*** | | | | | |
| 1. Song Zhenya, Hailong Liu, Chunzai Wang, Liping Zhang, *Fangli Qiao,* 2014, Evaluation of the eastern equatorial Pacific SST seasonal cycle in CMIP5 models. *Ocean Science*, 10, 837-843, doi:10.5194/os-10-837-2014 (*Corresponding author*). | | | | | |
| 1. Zhang Zhixin, ***Fangli Qiao***, Jingsong Guo, 2014, Subsurface eddies in the southern South China Sea detected from in-situ observation in October 2011. ***Deep Sea Research I,*** 87: 30-34. http://dx.doi.org/10.1016/j.dsr.2014.02.004 (Corresponding author). | | | | | |
| 1. Kuswardani Rita Tisiana Dwi, ***Fangli Qiao***, 2014, Influence of the Indonesian Throughflow on the upwelling off the east coast of south Java. ***Chinese Science Bulletin,*** 59(33):4516-4523, doi 10.1007/s11434-014-0549-2(***Corresponding author***). | | | | | |
| 1. Zhao Biao, ***Fangli Qiao***, Guansuo Wang, 2014, The effects of the non-breaking surface wave induced vertical mixing on the forecast of tropical cyclone tracks. ***Chinese Science Bulletin***, 59(24): 3075-3084, doi: 10.1007/s11434-014-0255-0 ***(Corresponding author).*** | | | | | |
| 1. Maderich V., R. Bezhenar, R. Heling, G. de With, K.T. Jung, J.G. Myoung, Y.-K. Cho, **F. Qiao**, L. Robertson, 2014, [Regional long-term model of radioactivity dispersion and fate in the Northwestern Pacific and adjacent seas: application to the Fukushima Dai-ichi accident](http://www.sciencedirect.com/science/article/pii/S0265931X13002099). J. Environmental Radioactivity, 131: 4-18, <http://dx.doi.org/10.1016/j.jenvrad.2013.09.009>. | | | | | |
| 1. Maderich V., K.T. Jung, R. Bezhenar, G. de With, **F. Qiao**, N. Casacuberta, P. Masque, Y. H. Kim, 2014, Disper[sion and fate of 90Sr in the Northwestern Pacific and adjacent seas: Global fallout and the Fukushima Dai-ichi accident](http://www.sciencedirect.com/science/article/pii/S0048969714010092). Science of The Total Environment, 494-495: 261-271, http://dx.doi.org/10.1016/j.scitotenv.2014.06.136. | | | | | |
| 1. Zhao Wei, Zhenya Song, ***Fangli Qiao***, Xunqiang Yin, 2014, High efficient parallel numerical surface wave model based on an irregular quasi-rectangular domain decomposition scheme, ***Science China Erath Sciences***, 57(8): 1869-1878, doi: 10.1007/s11430-014-4842-3 ***(Corresponding author)*** | | | | | |
| 1. Ma Hongyu, ***Fangli Qiao***, Dejun Dai, 2014, The effects of vertical viscosity coefficients with different distribution characteristics on classical Ekman spiral structure. ***Science China Erath Sciences***, 57(4): 693-702, doi:10.1007/s11430-4743-x ***(Corresponding author)***. | | | | | |
| 1. ***Qiao Fangli***, Zhenya Song, Ying Bao, Yajuan Song, Qi Shu, Chuanjiang Huang, Wei Zhao, 2013, Development and evaluation of an Earth System Model with surface gravity waves. ***J. Geophys. Res. Oceans***, 118(9), 4514-4524, doi:10.1002/jgrc.20327. | | | | | |
| 1. Yuan Yeli, ***Fangli Qiao***, Xunqiang Yin, Lei Han, 2013, Analytical estimation of mixing coefficient induced by surface wave-generated turbulence based on the equilibrium solution of the second-order turbulence closure model. ***Science China Erath Sciences***, 56(1): 71-80, doi: 10.1007/s11430-012-4517-x. | | | | | |
| 1. Shu Qi, ***Fangli Qiao***, Zhenya Song and Xunqiang Yin, 2013, A comparison of two global ocean-ice coupled models with different horizontal resolutions. ***Acta Oceanologica Sinica***, 32(8):1-11, doi: 10.1007/s13131-013-0335-z. | | | | | |
| 1. Song Yajuan, ***Fangli Qia***o, Zhenya Song, Chunfei Jiang, 2013, Water vapor transport and cross-equatorial flow over the Asian-Australia monsoon region simulated by CMIP5 climate models. ***Adv. Atmos. Sci***., 30(3):726-738, doi:10.1007/s00376-012-2148-y. | | | | | |
| 1. Chen Xianyao, Yuanling Zhang, Min Zhang, Ying Feng, Zhaohua Wu, ***Fangli Qiao***, Norden E Huang, 2012, Intercomparison between observed and simulated variability in global ocean heat content using empirical mode decomposition, Part I: modulated annual cycle. ***Climate Dynamic***s, 41(11-12), 2797-2815, doi: 10.1007/s00382-012-1554-2. | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, Zexun Wei, 2013, Effects of the surface wave-induced mixing on circulation in an isopycnal-coordinate oceanic circulation model. ***Acta Oceanologica Sinica***, 32(5): 7-14, doi: 10.1007/s13131-013-0308-2 ***(Corresponding author)***. | | | | | |
| 1. Lu Jing, ***Fangli Qiao***, Xiaohua Wang, Yong Teng, Kyung Tae Jung, Yanguang Liu, 2013, Modeling the Yellow River sediment flux and its deposition patterns under climatological conditions. ***Ocean Dynamics***, 63(6): 709-722, doi: 10.1007/s10236-013-0626-0 (***Corresponding author***). | | | | | |
| 1. Bao Qing, Pengfei Lin, Tianjun Zhou, Yimin Liu, Yongqiang Yu, Guoxiong Wu, Bian He, Jie He, Lijuan Li, Jiandong Li, Yangchun Li, Hailong Liu, ***Fangli Qiao***, Zhenya Song, Bin Wang Jun Wang, Pengfei Wang, Xiaocong Wang, Zaizhi Wang, Bo Wu, Tongwen Wu, Yongfu Xu, Haiyang Yu, Wei Zhao, Weipeng Zheng, Linjiong Zhou, 2013, The flexible global ocean-atmosphere-land system model, spectral Version 2: FGOALS-s2. ***Adv. Atmos. Sci***., 30(3): 561-576, doi: 10.1007/s00376-012-2113-9. | | | | | |
| 1. Li Lijuan, Pengfei Lin,Yongqiang Yu, Bin Wang, Tianjun Zhou, Li Liu, Jiping Liu, Qing Bao, Shiming Xu, Wenyu Huang, Kun Xia, Ye Pu, Li Dong, Si Shen, Yimin Liu, Ning Hu, Mimi Liu, Wenqi Sun, Xiangjun Shi, Weipeng Zheng, Bo Wu, Mirong Song, Hailong Liu, Xuehong Zhang, Guoxiong Wu, Wei Xue, Xiaomeng Huang, Guangwen Yang, Zhenya Song, ***Fangli Qiao***, 2013, The flexible global ocean-atmosphere-land system model, grid-point Version 2: FGOALS-g2. ***Adv. Atmos. Sc***i., 30(3): 543-560, doi: 10.1007/s00376-012-2140-6. | | | | | |
| 1. Yuan Dongliang, Yao Li, ***Fangli Qiao***, Wei Zhao, 2013, Temperature inversion in the Huanghai Sea bottom cold water in summer. ***Acta Oceanologica Sinica***, 32(3): 42-47, doi: 10.1007/s13131-013-0287-3. | | | | | |
| 1. Li Yan, ***Fangli Qiao***, Xunqiang Yin, Qi Shu, Hongyu Ma, 2013, The improvement of the one-dimensional Mellor–Yamada and K-profile parameterization turbulence schemes with the non-breaking surface wave-induced vertical mixing. ***Acta Oceanologica Siniaca,*** 32(9): 62-73, doi: 10.1007/s13131-013-0353-x ***(Corresponding author***). | | | | | |
| 1. ***Qiao Fangli,*** Chuangjiang Huang, 2012, Comparison between vertical shear mixing and surface wave-induced mixing in the extratropical ocean. ***J. Geophys. Res.,*** 117, C00J16, doi:10.1029/2012JC007930. | | | | | |
| 1. Song Yajuan, ***Fangli Qiao,*** Zhenya Song, 2012, Improved simulation of the south Asian summer monsoon in a coupled GCM with a more realistic ocean mixed layer. ***J. Atmos. Sci.,*** 69(5): 1681-1690, doi: <http://dx.doi.org/10.1175/JAS-D-11-0235>.1 ***(Corresponding author***). | | | | | |
| 1. Song Zhenya, ***Fangli Qiao***, Yajuan Song, 2012, Response of the equatorial basin-wide SST to non-breaking surface wave-induced mixing in a climate model: An amendment to tropical bias. ***J. Geophys. Res.***, doi:10.1029/2012JC007931 (***Corresponding author***). | | | | | |
| 1. Alexander V Babanin, Miguel Onorato, ***Fangli Qiao***, 2012, Surface waves and wave-coupled effects in lower atmosphere and upper ocean. ***J. Geophys. Res.,*** 117, doi:10.1029/2012JC007932. | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, Dejun Dai, Hongyu Ma, Jingsong Guo, 2012, Field measurement of upper-ocean turbulence dissipation associated with wave-turbulence interaction in the South China Sea. ***J. Geophys. Res.***, 117, C00J09, doi:10.1029/2011JC007806 (***Corresponding author***). | | | | | |
| 1. Huang Chuangjiang, ***Fangli Qiao***, Qi Shu, Zhenya Song, 2012, Evaluating austral summer mixed-layer response to surface wave–induced mixing in the Southern Ocean. ***J. Geophys. Res.***, 117, C00J18, doi:10.1029/2012JC007892 (***Corresponding author***). | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, 2012, Effects of horizontal mixing on the upper ocean temperature in the equatorial Pacific Ocean. ***Acta Oceanologica Sinica,*** 31(1): 16-23, doi: 10.1007/s13131-010-0053-8 (***Corresponding author***). | | | | | |
| 1. Song Zhenya, ***Fangli Qiao***, Xiaoyan Lei, Chunzai Wang, 2012, Influence of parallel computational uncertainty on simulations of the Coupled General Climate Model. ***Geoscientific Model Development***, 5, 313-319, doi:10.5194/gmd-5-313-2012 (***Corresponding author***). | | | | | |
| 1. Guo Jingsong, Xianyao Chen, Janet Sprintall, Binghuo Guo, ***Fangli Qiao***, Yeli Yuan, 2012, Surface inflow into the South China Sea through the Luzon Strait in winter. ***Chinese Journal of Oceanology and Limnology***, 30(1):163-168, doi: 10.1007/s00343-012-1056-4. | | | | | |
| 1. Meng Qingjiang, Liping Yin, Xiaoqing Jin, ***Fangli Qiao***, 2012, Numerical solutions of coupled nonlinear Schrodinger Equations by orthogonal spline collocation method. ***Communications in Computional Physics***, 12(5): 1392-1416, doi: 10.4208/cicp.180411.090112a. | | | | | |
| 1. Shu Qi, ***Fangli Qiao***, Zhenya Song, Chunzai Wang, 2012, Sea ice trends in the Antarctic and their relationship to surface air temperature during 1979 to 2009. ***Climate Dynamics,*** 38(11-12): 2355-2363, doi:10.1007/s00382-011-1143-9 (***Corresponding author***). | | | | | |
| 1. Shu Qi, Hongyu Ma, ***Fangli Qiao***, 2012, Observation and simulation of a floe drift near the North Pole. ***Ocean Dynamics***, 62(8): 1195-1200, doi: 10.1007/s10236-012-0554-4 ***(Corresponding author)***. | | | | | |
| 1. Yin Xunqiang, ***Fangli Qiao***, Yongzeng Yang, Changshui Xia, Xianyao Chen, 2012, Argo data assimilation in ocean general circulation model of Northwest Pacific Ocean. ***Ocean Dynamics,*** 62(7): 1059-1071, doi: 10.1007/s10236-012-0549-1. | | | | | |
| 1. Yuan Yeli, ***Fangli Qiao***, Xunqiang Yin, Lei Han, Ming Lu, 2012, Establishment of the ocean dynamic system with four sub-systems and the derivation of their governing equation sets. ***Journal of Hydrodynamics***, 24(2): 153-168, doi:10.1016/S1001-6058(11)60231-X. | | | | | |
| 1. Zhao Chang, ***Fangli Qiao***, Changshui Xia, Guansuo Wang, 2012, Sensitive study of the long and short surface wave-induced vertical mixing in a wave-circulation coupled model. ***Acta Oceanologica Sinica***, 31(4): 1-10, doi: 10.1007/s13131-012-0211-2 (***Corresponding autho***r). | | | | | |
| 1. Bao Ying, ***Fangli Qiao***, Zhenya Song, 2012, Historical simulation and twenty-first century prediction of oceanic CO2 sink and pH change. ***Acta Oceanologica Sinica,*** 31(5):87-97, doi:10.1007/s13131-012-0239-3 ***(Correspoding author)***. | | | | | |
| 1. Wang Gang, Norden E Huang, Weitai Hsu, Mentzung Lo, ***Fangli Qiao,*** Min Lin, 2012, Measurement of the irregular geometric shapes. ***Applied Mechanics and Materials***, V152-154: 1287-1291, doi:10.4028/www.scientific.net/AMM. 152-154.1287. | | | | | |
| 1. ***Qiao Fangli,*** Guansuo Wang, Wei Zhao, et al, 2011, Predicting the spread of nuclear radiation from damaged Fukushima Nuclear Power Plant. ***Chinese Sci Bull***, 56 (18): 1890-1896, doi:10.1007/S11434-011-4513-0. | | | | | |
| 1. ***Qiao Fangli,*** Guansuo Wang, Xingang Lü, Dejun Dai, 2011, Drift characteristics of green macroalgae in the Yellow Sea in 2008 and 2010. ***Chinese Sci Bull,*** 56(21): 2236-2242, doi:10.1007/s11434-011-4551-7. | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, Zhenya Song, and Tal Ezer, 2011, Improving simulations of the upper ocean by inclusion of surface waves in the Mellor‐Yamada turbulence scheme. ***J. Geophys. Res.***, 116, C01007, doi:10.1029/2010JC006320 ***(Corresponding author).*** | | | | | |
| 1. Yuan Yeli, Lei Han, ***Fangli Qiao***, YongzengYang, Ming Lu, 2011, A unified linear theory of wavelike perturbations under general ocean conditions. ***Dynamics of Atmospheres and Oceans***, [51](http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%235961%232011%23999489998%232855746%23FLA%23&_cdi=5961&_pubType=J&view=c&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=ffe294153dd7f9e947af0021445c64ca)(1-2): 55-74, [doi:10.1016/j.dynatmoce.2010.11.001](http://dx.doi.org/10.1016/j.dynatmoce.2010.11.001). | | | | | |
| 1. Song Zhenya, ***Fangli Qiao***, Chunzai Wang, 2011, The correctness to the spuriously simulated semi-annual cycle of the sea surface temperature in the equatorial eastern Pacific. ***Science China Erath Sciences***, 54(3): 438-444, doi: 10.1007/s11430-011-4176-3 (***Corresponding author***). | | | | | |
| 1. Wang Xiaohua, ***Fangli Qiao***, Jing Lu and Fang Gong, 2011, The turbidity maxima of the northern Jiangsu Shoal-water in the Yellow Sea, China. ***Estuarine, Coastal and Shelf Science,*** 93: 202-211, doi: 10.1016/j.ecss.2010.10.020 (***Corresponding author***). | | | | | |
| 1. Fredolin T. Tangang, Changsui Xia, ***Fangli Qiao***, Liew Juneng,Feng Shan, 2011, Seasonal circulations in the Malay Peninsula eastern continental shelf from a wave-tide-circulation coupled model. ***Ocean Dynamics***, 61(9):1317-1328, doi:10.1007/s10236-011-0432-5. | | | | | |
| 1. Shu Qi, ***Fangli Qiao***, Zhenya Song, Changshui Xia, Yongzeng Yang, 2011, Improvement of MOM4 by including surface wave-induced vertical mixing. ***Ocean Modelling,*** 40(1): 42-51, doi:10.1016/j.ocemod.2011.07.005 ***(Corresponding author)***. | | | | | |
| 1. Lu Jing, ***Fangli Qia***o, Xiaohua Wang, Yonggang Wang, Yong Teng, Changshui Xia, 2011, A numerical study of transport dynamics and seasonal variability of the Yellow River sediment in the Bohai and Yellow seas. ***Estuarine, Coastal and Shelf Science,*** 95: 39-51, doi:10.1016/j.ecss.2011.08.001 ***(Corresponding author)***. | | | | | |
| 1. Yin Xunqiang, ***Fangli Qiao***, Qi Shu, 2011, Using ensemble adjustment Kalman filter to assimilate Argo profiles in a global OGCM. ***Ocean Dynamics***, 61(7): 1017-1031, doi:10.1007/s10236-011-0419-2 ***(Corresponding author).*** | | | | | |
| 1. Wang Gang, ***Fangli Qiao,*** Dejun Dai, Yijun Hou, 2011, A possible generation mechanism of the strong current over the northwestern shelf of the South China Sea. ***Acta Oceanologica Sinica***, 30(3): 27-32, doi:10.1007/s13131-011-0116-5 ***(Corresponding author).*** | | | | | |
| 1. Dai Dejun, Wei Wang, Qinghua Zhang, ***Fangli Qiao,*** Yeli Yuan, 2011, Eigen solutions of internal waves over subcritical topography. Acta Oceanologica Sinica, 30(2): 1-8. | | | | | |
| 1. ***Qiao Fangli***, Yeli Yuan, Tal Ezer, Changshui Xia, Yongzeng Yang, Xingang Lü, Zhenya Song, 2010, A three-dimensional surface wave-ocean circulation coupled model and its initial testing. ***Ocean Dynamics,*** 60(5): 1339-1355, doi: 10.1007/s10236-010-0326-y. | | | | | |
| 1. Dai Dejun, ***Fangli Qiao,*** Wojciech Sulisz, Lei Han, Alexander Babanin, 2010, An experiment on the non-breaking surface-wave-induced vertical mixing. ***J Phys. Oceangr***, 40(9): 2180-2188, doi: 10.1175/2010JPO4378.1 ***(Corresponding author)***. | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, 2010, Wave-turbulence interaction and its induced mixing in the upper ocean. ***J. Geophys. Res.***, 115, C04026, doi:10.1029/2009JC005853 ***(Corresponding author)***. | | | | | |
| 1. Lü Xingang, ***Fangli Qiao***, Changshui Xia, Guansuo Wang, Yeli Yuan, 2010, Upwelling and surface cold patches in the Yellow Sea in summer: Effects of tidal mixing on the vertical circulation. ***Continental Shelf Research***, 30(6): 620-632, doi:10.1016/j.csr.2009.09.002 ***(Corresponding author).*** | | | | | |
| 1. Wang Yonggang, ***Fangli Qiao***, Guohong Fang, Zexun Wei, 2010, Application of wave-induced vertical mixing to the K profile parameterization scheme. ***J. Geophys. Res.,*** 115, C09014, doi:10.1029/2009JC005856***(Corresponding author)***. | | | | | |
| 1. Wang Guansuo, ***Fangli Qiao,*** and Changshui Xia, 2010, Parallelization of a coupled wave-circulation model and its application. ***Ocean Dynamics,*** 60: 331-339, doi 10.1007/s10236-010-0274-6 | | | | | |
| 1. Fang Guohong, R Dwi Susanto, Sugiarta Wirasantosa, ***Fangli Qiao,*** Agus Supangat, Bin Fan, Zexun Wei, Budi Sulistiyo, Shujiang Li, 2010, Volume, heat and freshwater transports from the South China Sea to Indonesian Seas in the boreal winter of 2007-2008. ***J. Geophys. Res.,*** 115, doi:10.1029/2010JC006225. | | | | | |
| 1. Susanto R Dwi, Guohong Fang, Indroyono Soesilo, Quanan Zheng, ***Fangli Qiao,*** Zexun Wei, Budi Sulistyo, 2010, New surveys of a branch of the Indonesian Throughflow. ***EOS Trans. AGU***, 91(30): 261-263. | | | | | |
| 1. Yin Xunqiang, ***Fangli Qiao***, Yongzeng Yang, Changshui Xia, 2010, An ensemble adjustment Kalman filter study for Argo data. ***Chinese Journal of Oceanology and Limnology,*** 28(3): 626-635, doi: [10.1007/s00343-010-9017-2](http://dx.doi.org/10.1007/s00343-010-9017-2). | | | | | |
| 1. Yin Xunqiang, ***Fangli Qiao***, Changshui Xia, Xingang Lü, Yongzeng Yang, 2010, Reconstruction of eddies by assimilating satellite altimeter data into Princeton Ocean Model. ***Acta Oceanologica Sinica***, 29(1): 1-11 ***(Corresponding author)***. | | | | | |
| 1. Wang Gang，***Fangli Qiao***, Dejun Dai, 2011, A 2D-numerical modeling of the generation and propagation of internal solitary waves in the Luzon Strait. ***Acta Oceanologica Sinica***, 29(6): 1-11, doi: 10.1007/s13131-010-0071-6 ***(Corresponding author)***. | | | | | |
| 1. Wang Gang, Xianyao Chen, ***Fangli Qiao***, Zhaohua Wu, Norden E Huang, 2010, On intrinsic mode function. ***Advances in Adaptive Data Analysis***, 2(3): 277-293, doi: 10.1142/S1793536910000549. | | | | | |
| 1. ***Qiao Fangli***, Dejun Dai, John Simpson, Harald Svendsen, 2009, Banded structure of drifting macroalgae. ***Mar. Pollut. Bull***., 58(12): 1792-1795, doi:10.1016/j.marpolbul.2009.08.006. | | | | | |
| 1. Yuan Yeli, Lei Han, Feng Hua, Shuwen Zhang, ***Fangli Qiao,*** Yongzeng Yang, Changshui Xia, 2009, The statistical theory of breaking entrainment depth and surface whitecap coverage of the real sea waves. ***J. Phys. Oceanogr.***, 39(1): 143-161. doi: 10.1175/2008JPO3944.1. | | | | | |
| 1. Fang Guohong, Yonggang Wang, Zexun Wei, Yue Fang, ***Fangli Qiao***, Xiaomin Hu, 2009, Interocean circulation and heat and fresh water budgets of the South China Sea based on a numerical model. ***Dynamics of Atmospheres and Oceans***, 47(1-3): 55-72, doi: 10.1016/j.dynatmoce.2008.09.003. | | | | | |
| 1. Chen Hongxia, ***Fangli Qiao***, Tal Ezer, Yeli Yuan, Feng Hua, 2009, Multi-core structure of the Kuroshio in the East China Sea from long-term transect observations. ***Ocean Dynamics***, 59(3): 477-488, doi:10.1007/s10236-009-0182-9. | | | | | |
| 1. Wang Chunzai, Zhenya Song, ***Fangli Qiao***, Shenfu Dong, 2009, What signals are removed and retained by using an anomaly field in climatic research? ***International Journal of Oceanography***, Vol. 2009, Article ID 329754, doi:10.1155/2009/329754. | | | | | |
| 1. Yang Yongzeng, ***Fangli Qia***o, Changshui Xia and Renfeng Ge, 2009, Analysis of the high and low temperature centers and their relation with circulations in the East China Sea. ***Acta Oceanologica Sinic***a, 28(2): 14-22. | | | | | |
| 1. Teng Yong, Yongzeng Yang, ***Fangli Qiao***, Jing Lu, 2009, Energy budget of surface waves in the global ocean. ***Acta Oceanologica Sinica,*** 28(3): 5-10. | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, 2009, The relationship between sea surface temperature anomaly and wind energy input in the Pacific Ocean. ***Progress in Natural Science***, 19(10): 1409-1412, doi:10.1016/j.pnsc.2009.03.004 ***(Corresponding author)***. | | | | | |
| 1. Shan Feng, ***Fangli Qiao***, Xingang Lü, Changshui Xia, 2009, A numerical study of the wintertime double-warm-tongue structure in the Huanghai (Yellow) Sea. ***Acta Oceanologica Sinica***, 28 (4): 8-15. | | | | | |
| 1. Shan Feng, ***Fangli Qiao***, 2009, A numerical study of summertime expansion pattern of Changjiang (Yangtze) River diluted water. ***Acta Oceanologica Sinica***, 28(3): 11-16. | | | | | |
| 1. Wang Gang, Min Lin, ***Fangli Qiao,*** Yijun Hou, 2009, Self-organized criticality model for ocean internal waves. ***Communications in Theoretical Physics***, 51(3): 490-494, doi: [10.1088/0253-6102/51/3/22](http://dx.doi.org/10.1088/0253-6102/51/3/22). | | | | | |
| 1. ***Qiao Fangli,*** Yongzeng Yang, Changshui Xia, Yeli Yuan, 2008, The role of surface waves in the ocean mixed layer. ***Acta Oceanologica Sinica***, 27(3): 30-37. | | | | | |
| 1. ***Qiao Fangli***, Xingang Lü, 2008, Coastal Upwelling in the South China Sea. ***Satellite Remote Sensing of South China Se***a, Tingmao, Taipei, 135-158. | | | | | |
| 1. Lü Xingang, ***Fangli Qiao***, Guansuo Wang, Changshui Xia, Yeli Yuan, 2008, Upwelling off the west coast of Hainan Island in summer: Its detection and mechanisms. ***Geophys. Res. Lett***., 35, L02604, doi:10.1029/2007GL032440 ***(Corresponding author)***. | | | | | |
| 1. Lü Xingang, ***Fangli Qiao***, 2008, Distribution of sunken macroalgae against the background of tidal circulation in the coastal waters of Qingdao, China, in summer 2008. ***Geophys. Res. Lett.***, 35, L23614, doi:10.1029/2008GL036084 ***(Corresponding author***). | | | | | |
| 1. Huang Chuanjiang, ***Fangli Qiao***, Zhenya Song, 2008, The effect of the wave-induced mixing on the upper ocean temperature in a climate model. ***Acta Oceanologica Sinica,*** 27(3):104-111 ***(Corresponding author)***. | | | | | |
| 1. Wang Guansuo, ***Fangli Qiao,*** 2008, Ocean Temperature Responses to Typhoon Mstsa in the East China Sea. ***Acta Oceanologica Sinica,*** 27(4): 26-38 ***(Corresponding author).*** | | | | | |
| 1. Wang Gang, ***Fangli Qiao***, Yijun Hou, Dejun Dai, Min Lin, Qilong Zhang, Gang Wang, and Baoshu Yin, 2008, Response of Internal Waves to 2005 Typhoon Damrey over the Northwestern Shelf of the South China Sea. ***Journal of Ocean University of China***, 7(3):251-257 ***(Corresponding author)***. | | | | | |
| 1. Zheng Quanan, ***Fangli Qiao***, Shikeng Yang, 2008, Ocean and climate sciences taking grand challenges and extraordinary opportunities: Introduction to COAA 2007 special sections. ***Acta Oceanologica Sinica***, 27(3): 1-3. | | | | | |
| 1. Hu Xiaomin, Xuejun Xiong, ***Fangli Qiao***, Binghuo Guo, Xiaopei Lin, 2008, Surface current field and seasonal variability in the Kuroshio and adjacent regions derived from satellite-tracked drifter data. ***Acta Oceanologica Sinica***, 27(3):11-29. | | | | | |
| 1. Chen Xianyao, ***Fangli Qiao***, Qin Wang, Xiuhong Wang, Yeli Yuan, 2008, Barrier and Compensation Layers in the East China Sea. ***Acta Oceanologica Sinica***, 27(3): 70-78. | | | | | |
| 1. Dai Dejun, Wei Wang, ***Fangli Qiao***, Yeli Yuan, Wenxi Xiang, 2008, Propagation of Internal Waves up Continental Slope and Shelf. [***Chinese Journal of Oceanology and Limnology***](http://www.airiti.com/ceps/ec_en/ecJnlIntro.aspx?jnlcattype=1&jnlptype=3&jnltype=22&Jnliid=1467&newIssueiid=78872%20)***,*** 26(4): 450-458. | | | | | |
| 1. Lü Xingang, ***Fangli Qia***o, Changshui Xia, Yeli Yuan, 2007, Tidally induced upwelling off Yangtze River estuary and in Zhejiang coastal waters in summer. ***Sci. China Ser. D - Earth Sci.***, 50(3), 462-473. doi: 10.1007/ s11430-007-2050-0. | | | | | |
| 1. Song Zhenya, ***Fangli Qiao***, Yongzeng Yang, Yeli Yuan, 2007, An improvement of the too cold tongue in the tropical Pacific with the development of an ocean-wave-atmosphere coupled numerical model. ***Progress in Natural Science***, 17(5): 576-583 ***(Corresponding author)***. | | | | | |
| 1. Dai Dejun, ***Fangli Qiao***, Wei Wang and Yeli Yuan, 2007, Estimation of wind wave frequency spectra by use of the Arcsine law. ***China Ocean Engineering,*** 21(1): 105-114. | | | | | |
| 1. Dai Dejun, Wei Wang, ***Fangli Qiao***, Yeli Yuan, 2007, The equilibrium range of wind wave spectra: An explanation based on white noise. ***Journal of Ocean University of China***. 6(4):345-348. | | | | | |
| 1. ***Qiao Fangli***, Yongzeng Yang, Xingang Lü, Changshui Xia, Xianyao Chen, Baodong Wang, Yeli Yuan, 2006, Coastal upwelling in the East China Sea in winter. ***J. Geophys. Res***., 111, C11S06, doi:10.1029/2005JC003264. | | | | | |
| 1. ***Qiao Fangli***, Jian Ma, Changshui Xia, Yongzeng Yang, Yeli Yuan, 2006, Influence of the surface wave-induced mixing and tidal mixing on vertical temperature structure of the Yellow and East China Seas in summer. ***Progress in Natural Science***, 16(7): 739-746. | | | | | |
| 1. Qiao Fangli, Guohong Fang, Changshui Xia, Yongzeng Yang, Jian Ma, Yeli Yuan, 2006, The role of surface waves in the ocean mixed layer. Journal of Hydrodynamics, 18(1): 508 | | | | | |
| 1. Lü Xingang, ***Fangli Qiao***, Changshui Xia, Jianrong Zhu, and Yeli Yuan, 2006, Upwelling off Yangtze River estuary in summer, ***J. Geophys. Res.***, 111, C11S08, doi:10.1029/2005JC003250 ***(Corresponding author)***. | | | | | |
| 1. Xia Changshui, ***Fangli Qiao***, Yongzeng Yang, Jian Ma, Yeli Yuan, 2006, Three-dimensional structure of the summertime circulation in the Yellow Sea from a wave-tide-circulation coupled model. ***J. Geophys. Res****.*, *111*, C11S03, doi:10.1029/2005JC003218. | | | | | |
| 1. Chen Xianyao, ***Fangli Qiao***, Renfeng Ge, Changshui Xia, Yeli Yuan, 2006, Development of subsurface warm water in the East China Sea in fall. ***J. Geophys. Res.***, 111, C11S10, doi:10.1029/2005JC003163 ***(Corresponding author)***. | | | | | |
| 1. Dai Dejun, ***Fangli Qiao***, Changshui Xia, and Kyung Tae Jung, 2006, A numerical study on dynamic mechanisms of seasonal temperature variability in the Yellow Sea. ***J. Geophys. Res.***, 111, C11S05, doi:10.1029/2005JC003253 ***(Corresponding author)***. | | | | | |
| 1. Lü Liangang, ***Fangli Qiao***, Hongxia Chen, Yeli Yuan, 2006, Acoustic transmission in the cold eddy in the southern East China Sea. ***J. Geophys. Res.,*** 111(C11): 1-10, doi:10.1029/2005JC003162. | | | | | |
| 1. Ma Jian, ***Fangli Qiao***, Changshui Xia, and Chang S Kim, 2006, Effects of the Yellow Sea Warm Current on the winter temperature distribution in a numerical model. ***J. Geophys. Res.***, 111, C11S04, doi:10.1029/2005JC003171. | | | | | |
| 1. Wang Yonggang, Guohong Fang, Zexun Wei, ***Fangli Qiao***, Haiying Chen, 2006, Interannual variation of the South China Sea circulation and its relation to El Niño, as seen from a variable grid global ocean model. ***J. Geophys. Res.***, 111, C11S14, doi:10.1029/2005JC003269. | | | | | |
| 1. Yuan Yeli, Quanan Zheng, Dejun Dai, Xiaomin Hu, ***Fangli Qiao***, Junmin Meng, 2006, Mechanism of internal waves in the Luzon Strait. ***J. Geophys. Res.***, 111, C11S17, doi:10.1029/2005JC003198. | | | | | |
| 1. Chen Haiying, ***Fangli Qiao***, Guohong Fang, Yonggang Wang, Zexun Wei, 2006, Long baroclinic Rossby waves with periods of about 500 d near 20°N in the northwest Pacific Ocean. ***Acta Oceanologica Sinica,*** 25(3):1-10. | | | | | |
| 1. ***Qiao Fangli***, Quanan Zheng, Renfeng Ge, Fei Yu, Guohong Fang, 2005, Cruise observations of a cold core ring and spiral on the East China Sea continental shelf. ***Geophysical Research Letter***, 32(2): 1-4, L02601, doi:10.1029/2004GL021591. | | | | | |
| 1. ***Qiao Fangli***, Shaoqing Zhang, Xunqiang Yin, 2005, Study of initial vorticity forcing for block onset by a 4-dimensional variational approach. ***Advance in Atmospheric Sciences***, 22(2): 246-259. | | | | | |
| 1. Yuan Dongliang, ***Fangli Qiao,*** Jie Su, 2005, Cross-shelf penetrating fronts off the southeast coast of China observed by MODIS. ***Geophysical Research Letter,*** 32(19): 1-4, doi:10.1029/2005GL023815. | | | | | |
| 1. Fang Guohong, Dwi Susanto, Indroyono Soesilo, Quanan Zheng, ***Fangli Qiao***, Zexun Wei, 2005, A note on the South China Sea shallow interocean circulation. ***Adv. Atmos. Sci.,*** 22(6): 946-954. | | | | | |
| 1. Dai Dejun, Wei Wang, ***Fangli Qia***o, Yeli Yuan, 2005, Scattering process of internal waves propagating over a subcritical strait slope onto a shelf region. ***Journal of Ocean university of China***, 4(4): 377-382. | | | | | |
| 1. ***Qiao Fangli***, Yeli Yuan, Yongzeng Yang, Quanan Zheng, Changshui Xia and Jian Ma, 2004, Wave-induced mixing in the upper ocean: Distribution and application in a global ocean circulation model. ***Geophysical Research Letter***, 31(11): 1-4, L11303, doi:10.1029/2004GL019824. | | | | | |
| 1. ***Qiao Fangli***, Jian Ma, Yongzeng Yang and Yeli Yuan, 2004, Simulation of the temperature and salinity along 36°N in the Yellow Sea with a wave-current coupled model. ***Journal of the Korean Society of Oceanograph***y, 2004, 39(1): 35-45. | | | | | |
| 1. ***Qiao Fangli***, Ezer Tal，Yeli Yuan，2004, Zonal distribution features of high frequency planetary waves in the oceans derived from satellite altimeter data. ***Acta Oceanologica Sinica***，23(1): 91-96. | | | | | |
| 1. ***Qiao Fangli***, Changshui Xia, Jianwei Shi, Jian Ma, Renfeng Ge, Yeli Yuan, 2004, Seasonal variability of thermocline in the Yellow Sea. ***Chinese J. Oceanology and Limnology***, 22(3): 299-305. | | | | | |
| 1. ***Qiao Fangli,*** Shaoqing Zhang, Yeli Yuan, 2004, Unification and application of modern oceanic/atmospheric data assimilation algorithms. ***Journal of Hydrodynamics***, 16(5): 501-517. | | | | | |
| 1. Zhang Shaoqing, ***Fangli Qiao***, 2004, Impact of diabatic processes in AGCM on 4-Dimensional variational data assimilation. ***Acta Meteorologica Sinica***, 18(3): 259-282 ***(Corresponding author).*** | | | | | |
| 1. Ma Jian, ***Fangli Qiao***, 2004, Simulation and analysis on seasonal variability of average salinity in the Yellow Sea. ***Chinese J. Oceanology and Limnology***, 22(3): 306-313. | | | | | |
| 1. Ma Jian, ***Fangli Qiao***, Changshui Xia, Yongzeng Yang, 2004, Tidal effects on temperature front in the Yellow Sea. ***Chinese J. Oceanology and Limnology***, 22(3): 314-321. | | | | | |
| 1. Yang Yongzeng, ***Fangli Qiao***, Changshui Xia, Jian Ma, Yeli Yuan, 2004, Wave-induced mixing in the Yellow Sea, ***Chinese J. Oceanology and Limnology,*** 22(3): 322-326. | | | | | |
| 1. Xia Changshui, ***Fangli Qiao***, Mengning Zhang, Yongzeng Yang, Yeli Yuan, 2004, Simulation of double cold cores of the 35°N section in the Yellow Sea with a wave-tide-circulation coupled model. ***Chinese J. Oceanology and Limnology***, 22(3): 292-298. | | | | | |
| 1. Cui Maochang, Jun Mo, ***Fangli Qiao***, 2004, El Niño Phenomenon and Extended Associate Pattern Analysis. ***Journal of Hydrodynamics***, Ser. B, 16(1): 90-100. | | | | | |
| 1. Chen Xianyao, Xuan Wang, Xiuhong Wang, ***Fangli Qiao***, 2004, Study of non-Boussinesq effect on sea surface height. ***Journal of Hydrodynamics***, 16(5): 518-524. | | | | | |
| 1. Xia Changshui, ***Fangli Qia***o, Qinghua Zhang, Yeli Yuan, 2004, Numerical modelling of the quasi-global ocean circulation based on POM. ***Journal of Hydrodynamics***, 16(5): 537-543. | | | | | |
| 1. Lü Liangang, ***Fangli Qiao***, Yeli Yuan, 2004, Latitudinal variation of deep scattering layer in the western Pacific. ***Journal of Hydrodynamics***, 16(5): 571-581. | | | | | |
| 1. Xu Zhaoting, Guojin Shen, ***Fangli Qiao***, 2004, Fission laws of initially solitary waves in two-layer ocean. ***Journal of Hydrodynamics***, 16(5): 548-554. | | | | | |
| 1. Xu Zhaoting, Samuel S P Shen, ***Fangli Qiao***, 2004, A universal in tailing wavetrain generation. ***Journal of Hydrodynamics***, 16(5): 603-607. | | | | | |
| 1. Cui Maochang, ***Fangli*** ***Qiao***, Jun Mo, 2003, A study on variability of sea surface temperature in tropical Pacific, Indian Ocean and related air circulation. ***Journal of Hydrodynamics***，Ser. B, 3: 72-81. | | | | | |
| 1. ***Qiao Fangli***, Xiaobiao Xu, Yuxiang Tang, Wei Zhao, 2001, A numerical study on the path and origin of the Yellow Sea Warm Current (YSWC). ***Journal of Hydrodynamics***, Ser. B, 3:1-9. | | | | | |
| 1. Wan Zhenwen, Yeli Yuan, ***Fangli Qiao***, 2001, 2-Order turbulence closure plankton ecosystem dynamics model and its application. ***Journal of Hydrodynamics***, Ser. B, 13(3):17-23. | | | | | |
| 1. Wan Zhenwen, ***Fangli Qiao***, Yeli Yuan, 2001, Study on optimization of parameters in a biological model. ***Acta Oceanologica Sinica***, 20(2): 215-220. | | | | | |
| 1. Cui Maochang, ***Fangli Qiao***, Hai Zhu, Binghuo Guo, 2001, Potential application foreground of ocean mode in navy oceanography. ***Journal of Hydrodynamics***, Ser. B, 3: 78-83. | | | | | |
| 1. Yang Yongzeng, ***Fangli Qia***o, Zengdi Pan, 2000, Wave assimilation and numerical prediction. ***Chinese Journal of Oceanology and Limnology***, 18(4): 301-308. | | | | | |
| 1. Li Liming, Dachuan Huang, ***Fangli Qiao***, Shikuo Liu, 2000, The diabatic waves in barotropic model. ***Journal of Tropical Meteorolory***, 6(1): 1-14. | | | | | |
| 1. Fu Zuntao, Xun Jiang, ***Fangli Qiao***, Shikuo Liu, 2000, Radiative cooling and broadband phenomenon in lowfrequency waves. ***Journal of Tropical Meteorology***, 6(1): 75-85. | | | | | |
| 1. Fu Zuntao, Qiang Zhao, ***Fangli Qiao***, Shikuo Liu, 2000, Response of atmospheric low-frequency waves to oceanic forcing in the tropics. ***Adv. Atmos. Sci.***, 17: 569-575. | | | | | |
| 1. ***Qiao Fangli***, Shunnan Chen, Chenxin Li, Wei Zhao, Zengdi Pan, 1999, The study of wind, wave, current extreme parameters and climatic characters of the South China Sea. ***Marine Technology Society***, 33(1): 61-68. | | | | | |
| 1. ***Qiao Fangli***, Watanabe Masataka, Yeli Yuan, Zhenwen Wan, 1998, Simulation of general circulation in the East China Sea and the Yellow Sea. ***Journal of Hydrodynamics***, Ser. B, 3: 91-100. | | | | | |
| 1. **乔方利**，渡边正孝，袁业立，万振文，1998，黄海和东海的环流数值模拟研究。**水动力学研究与进展**，A辑，13（2）：244-254。 | | | | | |
| 1. 陈顺楠，**乔方利**等，1998，中国南海东部海域气候特征及风浪流极值参数的研究。**黄渤海海洋**，16（2）：6-17。 | | | | | |
| 1. 万振文，**乔方利**，袁业立，1998，海洋长期物质输运模型和数值模拟，I.理论模型。**水动力学研究与进展**，13（4）：413-421。 | | | | | |
| 1. 万振文，**乔方利**，袁业立，1998，渤、黄、东海三维潮波运动数值模拟。**海洋与湖沼**，29（6）：611-616。 | | | | | |
| 1. ***Qiao Fangli***, Weidong Yu and Zengdi Pan, 1997, Study on the wind and wave extreme parameters of Tokin Gulf in the South China Sea-the applications of LAGFD numerical models. ***Journal of Hydrodynamics***, Ser. B, 1: 75-86. | | | | | |
| 1. Yu Weidong, ***Fangli Qiao***, Yeli Yuan, Zengdi Pan, 1997, Numerical modelling of wind and waves for typhoon betty (8710). ***Acta Oceanologica Sinica***, 16(4): 459-473. | | | | | |
| 1. ***Qiao Fangli***, 1996, Instability analysis of three-dimensional ocean shear waves. ***Acta Oceanologica Sinica,*** 15(1): 1-8. | | | | | |
| 1. ***Qiao Fangli***, 1996, The mixing mechanism in the formation of ocean shearwaves. ***Acta Oceanologica Sinica,*** 15(2): 145-158. | | | | | |
| 1. ***Qiao Fangli***, Qinghua Zhang, Wen He, 1996, An analytical diagnostic model of the Antarctic circumpolar current. ***Acta Oceanologica Sinica,*** 15(1): 9-17. | | | | | |
| 1. ***Qiao Fangli***, Qinghua Zhang, 1994, A model of the formation and development of ocean shear wave. ***Acta Oceanologica Sinica***, 13: 345-359. | | | | | |