项目名称：基于遥感的溢油输运扩散预警预报技术

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项目发表论文、专著及被引用情况：

序号	论文著作	发表情况（刊物、期刊号、页码）	被 SCI、EI 收录及引用情况
1	Yu T, He Y, Song J, et al. Uncertainty in air–sea CO2 flux due to transfer velocity	International Journal of Remote Sensing, 2014, 35(11-12): 4340-4370.	SCI
2	Yu T, He Y, Yan X. Global air-sea surface carbon dioxide transfer velocity and flux estimated using 17 a altimeter data and a new algorithm	Acta Oceanologica Sinica, 2013, 32(10): 24-33.	SCI
3	Yu T , He Y , Zha G , et al. Global air-sea surface carbon-dioxide transfer velocity and flux estimated using ERS-2 data and a new parametric formula	Acta Oceanologica Sinica, 2013 32(7): 78-87.	SCI
4	Yu T, Pan D, Bai Y, et al. A quantitative evaluation of the factors influencing the air-sea carbon dioxide transfer velocity	Acta Oceanologica Sinica, 2016, 35(11): 68-78.	SCI
5	He Y, Perrie W, Zou Q, et al. A new wind vector algorithm for C-band SAR	IEEE Transactions on Geoscience and Remote Sensing, 2005,43(7):1453-1458.	SCI

6	Shao W, Zhang Z, Li X, Wang W, Sea surface wind speed retrieval from TerraSAR-X HHpolarization data using an improved polarization ratio model	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 2016,9(11):4991-4997.	SCI
7	Shao W, Li X, Hwang P, et al. Bridging the gap between cyclone wind and wave by C-band SAR measurements	Highlights byJournal of Geophysical Research:Oceans, 2017,122(7):6714-6724.	SCI
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13	Jiang B, Wei Y, Ding J, et al. Trends of sea surface wind energy over the South China Sea	Journal of Oceanology and Limnology, 2019, 37(5): 1510-1522.	SCI
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22	Wei Y, Kawamura H. Case study of the transformation of swells propagating into Sendai Bay	Journal of oceanography, 2012, 68(1): 163-172.	SCI
23	Sheng Y, Shao W, Zhu S, et al. Validation of significant wave height retrieval from co-polarization Chinese Gaofen-3 SAR imagery using an improved algorithm	Acta Oceanologica Sinica, 2018, 37(6): 1-10.	SCI
24	Lin B, Shao W, Li X, et al. Development and validation of an ocean wave retrieval algorithm for VV-polarization Sentinel-1 SAR data	Acta Oceanologica Sinica, 2017, 36(7): 95-101.	SCI
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27	Xu Q, Cheng Y, Liu B, et al. Modeling of oil spill beaching along the coast of the Bohai Sea, China	Frontiers of Earth Science, 2015, 9(4): 637-641.	SCI
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45	Sun J, Kawamura H. Extraction of surface wave parameters in coastal areas using spaceborne synthetic	2007 1st Asian and Pacific Conference on Synthetic Aperture Radar. IEEE, 2007: 449-452.	EI 会议

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46	Sun J, Kawamura H. A case study on swell modulation caused by surface winds using spaceborne Synthetic Aperture Radar	2007 IEEE International Geoscience and Remote Sensing Symposium. IEEE, 2007: 975-978.	EI 会议
47	Xu Q, Zheng J, Cheng Y, et al. Detection of marine oil spills from sar images using artificial neural networks	The 26th International Ocean and Polar Engineering Conference. International Society of Offshore and Polar Engineers, 2016.	EI 会议
48	杨伟,黄菊,于潭.台风对舟山海域上升流和叶绿素分布的影响	厦门大学学报(自然科学版),2020,59(S1):24-31.	核心
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52	李欢, 邵伟增, 李程, 等. 溢油扩展, 漂移及扩散预测技术研究进展	海洋通报, 2017, 36(4): 379-384.	核心
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55	徐青,刘玉光,程永存, 等.伴随同化技术在渤、黄海生态模式中的应用:控制变量的选取与孪生实验	高技术通讯,2006,16(1):78-83.	核心

主要知识产权证明目录：

授权项目名称	知识产权类别	国（区）别	授 权 号
研究海-气气体交换速度实验的气体交换水槽及其使用方法	发明专利	中国	ZL201510829305.8
一种海面风场和海浪联合反演的方法	发明专利	中国	ZL201410081569.5
SAR 海面仿真方法及装置	发明专利	中国	ZL201410081497.4
研究海-气气体交换速度实验的气体交换水槽	实用新型专利	中国	ZL 2015 2 0949181.2
风浪流水槽虚拟仿真实验系统[简称：OWVLab MAMINPP]V1.0	软件著作权	中国	2019SR0749284
基于视频的实验室小型水槽波浪参数获取软件[简称：波浪参数获取]V1.0	软件著作权	中国	2019SR0974698
合成孔径雷达提取海面风场与海浪信息的模块化软件 V1.0	软件著作权	中国	2017SR503283