

Irina Sergievskaya

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

87
citations

1937685

4
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Damping of surface waves due to crude oil/oil emulsion films on water. Marine Pollution Bulletin, 2019, 146, 206-214.	5.0	33
2	Two-Dimensional Radar Backscattering Modeling of Oil Slicks at Sea Based on the Model of Local Balance: Validation of Two Asymptotic Techniques for Thick Films. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 2326-2338.	6.3	29
3	Unpolarized emissivity of thin oil films over anisotropic Gaussian seas in infrared window regions. Applied Optics, 2010, 49, 2116.	2.1	11
4	Simulation of infrared emissivity and reflectivity of oil films on sea surfaces. , 2015, , .		6
5	Spreading of oil films on the sea surface: radar/optical observations and physical mechanisms. Proceedings of SPIE, 2015, , .	0.8	4
6	Asymptotic Modeling of Three-Dimensional Radar Backscattering from Oil Slicks on Sea Surfaces. Remote Sensing, 2022, 14, 981.	4.0	3
7	On discrimination between film slicks and "look-alikes" on the sea surface in multifrequency radar images. Proceedings of SPIE, 2015, , .	0.8	1
8	Damping of short gravity-capillary waves due to oil derivatives film on the water surface. Proceedings of SPIE, 2016, , .	0.8	0