Tor Nordam

List of Publications by Year
in descending order

18 papers	324 citations	1040056 9 h-index	996975 15 g-index
20 all docs	20 docs citations	20 times ranked	312 citing authors

#	Article	IF	Citations
1	Learning from natural sediments to tackle microplastics challenges: A multidisciplinary perspective. Earth-Science Reviews, 2022, 228, 104021.	9.1	62
2	The fate of hydrocarbon leaks from plugged and abandoned wells by means of natural seepages. Journal of Petroleum Science and Engineering, 2021, 196, 108004.	4.2	9
3	Vertical mixing in oil spill modeling. , 2021, , 97-143.		0
4	Horizontal transport in oil-spill modeling. , 2021, , 59-96.		2
5	Modelling biodegradation of crude oil components at low temperatures. Chemosphere, 2020, 254, 126836.	8.2	15
6	Modelling of oil thickness in the presence of an ice edge. Marine Pollution Bulletin, 2020, 156, 111229.	5.0	9
7	Numerical integrators for Lagrangian oceanography. Geoscientific Model Development, 2020, 13, 5935-5957.	3.6	5
8	On the use of random walk schemes in oil spill modelling. Marine Pollution Bulletin, 2019, 146, 631-638.	5.0	19
9	Improving oil spill trajectory modelling in the Arctic. Marine Pollution Bulletin, 2019, 140, 65-74.	5.0	43
10	Numerical analysis of boundary conditions in a Lagrangian particle model for vertical mixing, transport and surfacing of buoyant particles in the water column. Ocean Modelling, 2019, 136, 107-119.	2.4	23
11	Fate of Hydrocarbon Leaks From Plugged and Abandoned Wells Compared to Natural Seepages. , 2019, , .		0
12	Spreading of waxy oils on calm water. Marine Pollution Bulletin, 2018, 129, 135-141.	5.0	10
13	The effect of vertical mixing on the horizontal drift of oil spills. Ocean Science, 2018, 14, 1581-1601.	3.4	59
14	Impact of climate change and seasonal trends on the fate of Arctic oil spills. Ambio, 2017, 46, 442-452.	5.5	26
15	Experimental and numerical studies of the scattering of light from a two-dimensional randomly rough interface in the presence of total internal reflection: optical Yoneda peaks. Optics Express, 2016, 24, 25995.	3.4	9
16	Coherent effects in the scattering of light from two-dimensional rough metal surfaces. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 1136.	1.5	4
17	Numerical simulations of scattering of light from two-dimensional rough surfaces using the reduced Rayleigh equation. Frontiers in Physics, 2013, 1, .	2.1	14
18	Satellite peaks in the scattering of light from the two-dimensional randomly rough surface of a dielectric film on a planar metal surface. Optics Express, 2012, 20, 11336.	3.4	12