

Igor M Belkin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,782
citations

361045

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h-index

329751

37
g-index

43
all docs

43
docs citations

43
times ranked

4457
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the Chemical Oceanography of Frontal Zones. Handbook of Environmental Chemistry, 2022, , .	0.2	0
2	Remote Sensing of Ocean Fronts in Marine Ecology and Fisheries. Remote Sensing, 2021, 13, 883.	1.8	48
3	Iron Regulation of North Atlantic Eddy Phytoplankton Productivity. Geophysical Research Letters, 2021, 48, e2020GL091403.	1.5	9
4	On the discovery of ferromanganese nodules in the World Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 175, 103589.	0.6	4
5	Fronts in the Baltic Sea: A Review with a Focus on Its North-Eastern Part. Handbook of Environmental Chemistry, 2021, , 143-181.	0.2	2
6	A Double-Thermostad Warm-Core Ring of the Gulf Stream. Journal of Physical Oceanography, 2020, 50, 489-507.	0.7	12
7	Satellite observations of suspended sediment near Ningbo North Dyke, China. Advances in Space Research, 2019, 64, 1415-1422.	1.2	6
8	Response to the Vasilets (2019) comments on Belkin (2016). Environmental Development, 2019, 32, 100448.	1.8	0
9	Field Report: Exploring Fronts with Multiple Robots. , 2018, , .		7
10	Marine robotics exploration of a large-scale open-ocean front. , 2018, , .		3
11	A new front-tracking algorithm for marine robots. , 2018, , .		6
12	A peculiar lens-shaped structure observed in the South China Sea. Scientific Reports, 2017, 7, 478.	1.6	13
13	Comparative assessment of the West Bering Sea and East Bering Sea Large Marine Ecosystems. Environmental Development, 2016, 17, 145-156.	1.8	10
14	East Hainan upwelling fronts detected by remote sensing and modelled in summer. International Journal of Remote Sensing, 2014, 35, 4441-4451.	1.3	22
15	Organic pollutants and ocean fronts across the Atlantic Ocean: A review. Progress in Oceanography, 2014, 128, 172-184.	1.5	50
16	Long-term variability of sea surface temperature in Taiwan Strait. Climatic Change, 2014, 124, 821-834.	1.7	26
17	Sea surface temperature fronts affect distribution of Pacific saury (<i>Cololabis saira</i>) in the Northwestern Pacific Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 107, 15-21.	0.6	44
18	Toward biophysical synergy: Investigating advection along the Polar Front to identify factors influencing Alaska sablefish recruitment. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 107, 40-53.	0.6	27

#	ARTICLE	IF	CITATIONS
19	Changing states of North Atlantic large marine ecosystems. <i>Environmental Development</i> , 2013, 7, 46-58.	1.8	8
20	Evolution of an anticyclonic eddy southwest of Taiwan. <i>Ocean Dynamics</i> , 2013, 63, 519-531.	0.9	54
21	Remote climate forcing of decadal-scale regime shifts in Northwest Atlantic shelf ecosystems. <i>Limnology and Oceanography</i> , 2013, 58, 803-816.	1.6	78
22	Thermal fronts of the southern South China Sea from satellite and <i>in situ</i> data. <i>International Journal of Remote Sensing</i> , 2012, 33, 7458-7468.	1.3	13
23	The application of satellite remote sensing for assessing productivity in relation to fisheries yields of the world's large marine ecosystems. <i>ICES Journal of Marine Science</i> , 2011, 68, 667-676.	1.2	17
24	Wall Across the Atlantic: Drift Bottles Released by Students Confirm that the Gulf Stream Prevents Subarctic Surface Drifters from Escaping South. <i>Oceanography</i> , 2011, 24, 172-174.	0.5	8
25	Rapid warming of Large Marine Ecosystems. <i>Progress in Oceanography</i> , 2009, 81, 207-213.	1.5	735
26	Fronts in Large Marine Ecosystems. <i>Progress in Oceanography</i> , 2009, 81, 223-236.	1.5	344
27	An algorithm for oceanic front detection in chlorophyll and SST satellite imagery. <i>Journal of Marine Systems</i> , 2009, 78, 319-326.	0.9	189
28	Accelerated Warming and Emergent Trends in Fisheries Biomass Yields of the World's Large Marine Ecosystems. <i>Ambio</i> , 2009, 38, 215-224.	2.8	79
29	Dynamics of oceanic fronts and their interaction with atmosphere and abyssal circulation. <i>Dynamics of Atmospheres and Oceans</i> , 2008, 45, 69-70.	0.7	2
30	Propagation of the "Great Salinity Anomaly" of the 1990s around the northern North Atlantic. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	167
31	Delta response to decline in sediment supply from the Yangtze River: evidence of the recent four decades and expectations for the next half-century. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 689-699.	0.9	205
32	Temporal variation in the sediment load of the Yangtze river and the influences of human activities. <i>Journal of Hydrology</i> , 2002, 263, 56-71.	2.3	304
33	Decadal variability of the North Pacific Polar Front: Subsurface warming versus surface cooling. <i>Geophysical Research Letters</i> , 2002, 29, 651-654.	1.5	35
34	New old frontier: ocean fronts. <i>Dynamics of Atmospheres and Oceans</i> , 2002, 36, 1-2.	0.7	5
35	Climatology and seasonal variability of ocean fronts in the East China, Yellow and Bohai seas from satellite SST data. <i>Geophysical Research Letters</i> , 2000, 27, 2945-2948.	1.5	154
36	"Great Salinity Anomalies" in the North Atlantic. <i>Progress in Oceanography</i> , 1998, 41, 1-68.	1.5	400

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37	Temporal variability of the Subarctic Front near the Charlie-Gibbs Fracture Zone. Journal of Geophysical Research, 1996, 101, 28317-28324.	3.3	45
38	Southern Ocean fronts from the Greenwich meridian to Tasmania. Journal of Geophysical Research, 1996, 101, 3675-3696.	3.3	601