

Evgeniy V Yakushev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4293/publications.pdf>

Version: 2024-02-01

68
papers

1,351
citations

394421

19
h-index

377865

34
g-index

76
all docs

76
docs citations

76
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	A new particulate Mn-Fe-P-shuttle at the redoxcline of anoxic basins. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7100-7115.	3.9	215
2	Analysis of the water column oxic/anoxic interface in the Black and Baltic seas with a numerical model. <i>Marine Chemistry</i> , 2007, 107, 388-410.	2.3	119
3	Importance of the different manganese species in the formation of water column redox zones: Observations and modeling. <i>Marine Chemistry</i> , 2009, 117, 59-70.	2.3	72
4	Microplastics distribution in the Eurasian Arctic is affected by Atlantic waters and Siberian rivers. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	68
5	High abundance and dark CO ₂ fixation of chemolithoautotrophic prokaryotes in anoxic waters of the Baltic Sea. <i>Limnology and Oceanography</i> , 2008, 53, 14-22.	3.1	65
6	PUMP-CTD-System for trace metal sampling with a high vertical resolution. A test in the Gotland Basin, Baltic Sea. <i>Chemosphere</i> , 2008, 70, 1309-1319.	8.2	52
7	One-dimensional modeling of nitrogen and sulfur cycles in the aphotic zones of the Black and Arabian Seas. <i>Global Biogeochemical Cycles</i> , 1997, 11, 401-414.	4.9	49
8	Mixing in the Black Sea detected from the temporal and spatial variability of oxygen and sulfide – Argo float observations and numerical modelling. <i>Biogeosciences</i> , 2014, 11, 5707-5732.	3.3	44
9	Surface ventilation of the Black Sea's cold intermediate layer in the middle of the western gyre. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	38
10	Environmental control on phytoplankton community structure in the NE Black Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 267-274.	1.5	37
11	Modelling Marine Sediment Biogeochemistry: Current Knowledge Gaps, Challenges, and Some Methodological Advice for Advancement. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	36
12	Interannual variability of the Black Sea Proper oxygen and nutrients regime: The role of climatic and anthropogenic forcing. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 140, 134-145.	2.1	32
13	The northeastern Black Sea redox zone: Hydrochemical structure and its temporal variability. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 1769-1786.	1.4	30
14	Bottom RedOx Model (BROM v.1.1): a coupled benthic-pelagic model for simulation of water and sediment biogeochemistry. <i>Geoscientific Model Development</i> , 2017, 10, 453-482.	3.6	30
15	Distribution of floating marine macro-litter in relation to oceanographic characteristics in the Russian Arctic Seas. <i>Marine Pollution Bulletin</i> , 2021, 166, 112201.	5.0	27
16	Assessment of seasonal variability of input of microplastics from the Northern Dvina River to the Arctic Ocean. <i>Marine Pollution Bulletin</i> , 2022, 175, 113370.	5.0	25
17	Microplastic variability in subsurface water from the Arctic to Antarctica. <i>Environmental Pollution</i> , 2022, 298, 118808.	7.5	25
18	THE SUBOXIC TRANSITION ZONE IN THE BLACK SEA. , 2006, , 105-138.		23

#	ARTICLE	IF	CITATIONS
19	Vertical Hydrochemical Structure of the Black Sea. , 2007, , 277-307.		22
20	Concurrent activity of anammox and denitrifying bacteria in the Black Sea. <i>Frontiers in Microbiology</i> , 2012, 3, 256.	3.5	22
21	Dissolved and particulate forms of iron and manganese in the redox zone of the Black Sea. <i>Oceanology</i> , 2009, 49, 773-787.	1.2	20
22	Seasonal Changes in the Hydrochemical Structure of the Black Sea Redox Zone. <i>Oceanography</i> , 2005, 18, 48-55.	1.0	18
23	Dark N2 fixation: nifH expression in the redoxcline of the Black Sea. <i>Aquatic Microbial Ecology</i> , 2018, 82, 43-58.	1.8	17
24	Fine hydrochemical structure of the redox zone in the black sea according to the results of measurements with an open oxygen sensor and with bottle samplers. <i>Oceanology</i> , 2006, 46, 629-641.	1.2	14
25	Modeling the influence of oxygenated inflows on the biogeochemical structure of the Gotland Sea, central Baltic Sea: Changes in the distribution of manganese. <i>Computers and Geosciences</i> , 2011, 37, 398-409.	4.2	14
26	Determination of the reduced sulfur species in the anoxic zone of the Black Sea: A comparison of the spectrophotometry and iodometry techniques. <i>Oceanology</i> , 2012, 52, 181-190.	1.2	13
27	On determination of low oxygen concentrations with Winkler technique. <i>Oceanology</i> , 2012, 52, 122-129.	1.2	13
28	Biogeochemical consequences of an oxygenated intrusion into an anoxic fjord. <i>Geochemical Transactions</i> , 2014, 15, 5.	0.7	13
29	Modeling the Influence of Eutrophication and Redox Conditions on Mercury Cycling at the Sediment-Water Interface in the Berre Lagoon. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	13
30	Formation of fish kills and anaerobic conditions in the Sea of Azov. <i>Water Resources</i> , 2005, 32, 151-162.	0.9	11
31	Detection of Transient Denitrification During a High Organic Matter Event in the Black Sea. <i>Global Biogeochemical Cycles</i> , 2019, 33, 143-162.	4.9	11
32	Manganese and Iron at the Redox Interfaces in the Black Sea, the Baltic Sea, and the Oslo Fjord. <i>Handbook of Environmental Chemistry</i> , 2011, , 67-93.	0.4	10
33	On seasonal changes of the carbonate system in the Barents Sea: observations and modeling. <i>Marine Biology Research</i> , 2013, 9, 822-830.	0.7	10
34	Stable isotope evidence for the Bottom Convective Layer homogeneity in the Black Sea. <i>Geochemical Transactions</i> , 2014, 15, 3.	0.7	10
35	Understanding the Biogeochemical Impacts of Fish Farms Using a Benthic-Pelagic Model. <i>Water (Switzerland)</i> , 2020, 12, 2384.	2.7	10
36	Field studies of anoxic conditions in the Baltic Sea during the cruise of R/V Professor Albrecht Penck in July 2006. <i>Oceanology</i> , 2007, 47, 590-593.	1.2	9

#	ARTICLE	IF	CITATIONS
37	Arctic Inshore Biogeochemical Regime Influenced by Coastal Runoff and Glacial Melting (Case Study) <i>Tj ETQq1</i> 1 0.784314 <i>rgBT /Over</i>	2.2	9
38	Dissolved methane in the residual basins of the Aral Sea. <i>Environmental Research Letters</i> , 2019, 14, 065005.	5.2	8
39	Modelling the Influence from Biota and Organic Matter on the Transport Dynamics of Microplastics in the Water Column and Bottom Sediments in the Oslo Fjord. <i>Water (Switzerland)</i> , 2021, 13, 2690.	2.7	8
40	Role of Sulfide Oxidation Intermediates in the Redox Balance of the Oxidic-Anoxic Interface of the Gotland Deep, Baltic Sea. <i>Handbook of Environmental Chemistry</i> , 2010, , 95-119.	0.4	7
41	Seasonal and interannual variability of hydrology and nutrients in the Northeastern Black Sea. <i>Chemistry and Ecology</i> , 2007, 23, 29-41.	1.6	6
42	Black Sea biogeochemistry: Response to decadal atmospheric variability during 1960-2000 inferred from numerical modeling. <i>Marine Environmental Research</i> , 2012, 77, 90-102.	2.5	6
43	New insights into submarine tailing disposal for a reduced environmental footprint: Lessons learnt from Norwegian fjords. <i>Marine Pollution Bulletin</i> , 2022, 174, 113150.	5.0	6
44	The Role of Suspended Manganese in Hydrogen Sulfide Oxidation in the Black Sea Redox-Zone. <i>Water Resources</i> , 2002, 29, 72-77.	0.9	5
45	Analysis of the hydrophysical structure of the Sea of Azov in the period of the bottom anoxia development. <i>Journal of Marine Systems</i> , 2008, 70, 300-307.	2.1	5
46	Experimental study of the influence of thawing permafrost on the chemical properties of sea water. <i>Russian Journal of Earth Sciences</i> , 2018, 18, 1-6.	0.7	5
47	Introduction: Redox Interfaces in Marine Waters. <i>Handbook of Environmental Chemistry</i> , 2012, , 1-12.	0.4	4
48	Hydrochemical studies in coastal waters of the Spitsbergen Archipelago in 2014-2015. <i>Oceanology</i> , 2016, 56, 763-765.	1.2	4
49	Water Column Distribution of Mercury Species in Permanently Stratified Aqueous Environments. <i>Oceanology</i> , 2018, 58, 28-37.	1.2	4
50	Understanding the Role of Organic Matter Cycling for the Spatio-Temporal Structure of PCBs in the North Sea. <i>Water (Switzerland)</i> , 2020, 12, 817.	2.7	4
51	Modeling Nickel Leaching from Abandoned Mine Tailing Deposits in J�ssingfjorden. <i>Water (Switzerland)</i> , 2021, 13, 967.	2.7	4
52	Modelling of the Meromictic Fjord Hunnbunn (Norway) with an Oxygen Depletion Model (OxyDep). <i>Handbook of Environmental Chemistry</i> , 2011, , 235-251.	0.4	3
53	A 1-Dimensional Sympagic-Pelagic-Benthic Transport Model (SPBM): Coupled Simulation of Ice, Water Column, and Sediment Biogeochemistry, Suitable for Arctic Applications. <i>Water (Switzerland)</i> , 2019, 11, 1582.	2.7	3
54	On the Stability and Interannual Variability in the Hydrochemical Structure of the Redox Layer of the Black Sea. <i>Oceanology</i> , 2005, 45, 61-75.	1.2	3

#	ARTICLE	IF	CITATIONS
55	Estimating the characteristics of the vertical turbulent viscosity in the upper 200-m layer of the Black Sea. <i>Oceanology</i> , 2007, 47, 476-481.	1.2	2
56	RedOx Layer Model: A Tool for Analysis of the Water Column Oxidic/Anoxic Interface Processes. <i>Handbook of Environmental Chemistry</i> , 2012, , 203-233.	0.4	2
57	The Effect of Water Dynamics on the Hydrochemical Structure in the Northeastern Black Sea. <i>Water Resources</i> , 2001, 28, 188-193.	0.9	1
58	Anaerobic Microbial Community in the Aerobic Water and at the Oxidic/Anoxic Interface in the Black Sea. <i>Handbook of Environmental Chemistry</i> , 2010, , 27-46.	0.4	1
59	Numerical Modelling of Biogeochemical Regime Response to Decadal Atmospheric Variability During 1960â€”2000 in the Black Sea. <i>Handbook of Environmental Chemistry</i> , 2011, , 253-271.	0.4	1
60	ÐŹÐ Ð•ÐÐÐÐ•Ð—ÐÐ“ÐÐÐ—ÐÐ•ÐÐÐ Ð‘ÐÐÐ•ÐÐ Ð•Ð’Ð•ÐœÐŹÐÐÐ ÐŸÐ•ÐÐ’ÐÐ®Ð©Ð’Ðœ ÐœÐŹÐÐ; ÐŹÐ’Ðœ ÐœÐŹÐÐ; ÐŹÐÐŹÐœ ÐŸ		
61	Modeling of biogeochemical consequences of a CO2 leak in the water column with bottom anoxia. <i>International Journal of Greenhouse Gas Control</i> , 2021, 111, 103464.	4.6	1
62	About the effect of chemical-biological processes on the diurnal variance of hydrochemical parameters (numerical model). <i>Soviet Journal of Physical Oceanography</i> , 1992, 2, 433-441.	0.1	0
63	Biogeochemical Peculiarities of the Vertical Distributions of Nutrients in the Black Sea. <i>Handbook of Environmental Chemistry</i> , 2011, , 13-26.	0.4	0
64	On Interannual Variability of Chemical Characteristics of Redox Layer and Cold Intermediate Layer of the Black Sea. <i>Handbook of Environmental Chemistry</i> , 2011, , 121-135.	0.4	0
65	The Impact of Methane Seepage on the Pore-Water Geochemistry across the East Siberian Arctic Shelf. <i>Water (Switzerland)</i> , 2021, 13, 397.	2.7	0
66	An Approach to Modelling Anoxic Conditions in the Black Sea. , 1999, , 93-108.		0
67	Alkalinity. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 17-17.	0.1	0
68	How Climate Change and Human Interaction Alter Chemical Regime in Salt Lakes, Case Study: Lake Urmia, Aral Sea, the Dead Sea, and Lake Issyk-Kul. <i>Handbook of Environmental Chemistry</i> , 2021, , .	0.4	0