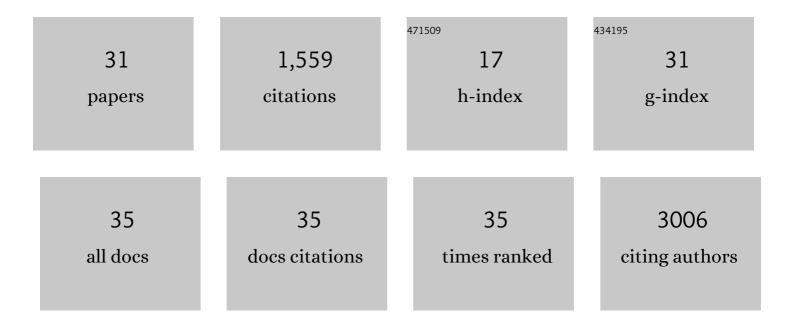
Martin T Johnson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4648944/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	First plants cooled the Ordovician. Nature Geoscience, 2012, 5, 86-89.	12.9	261
2	A numerical scheme to calculate temperature and salinity dependent air-water transfer velocities for any gas. Ocean Science, 2010, 6, 913-932.	3.4	177
3	Mechanisms of microbial carbon sequestration in the ocean – future research directions. Biogeosciences, 2014, 11, 5285-5306.	3.3	177
4	The Ocean's Vital Skin: Toward an Integrated Understanding of the Sea Surface Microlayer. Frontiers in Marine Science, 2017, 4, .	2.5	137
5	Global oceanic emission of ammonia: Constraints from seawater and atmospheric observations. Global Biogeochemical Cycles, 2015, 29, 1165-1178.	4.9	96
6	Field observations of the oceanâ€atmosphere exchange of ammonia: Fundamental importance of temperature as revealed by a comparison of high and low latitudes. Global Biogeochemical Cycles, 2008, 22, .	4.9	83
7	Air–sea fluxes of oxygenated volatile organic compounds across the Atlantic Ocean. Atmospheric Chemistry and Physics, 2014, 14, 7499-7517.	4.9	70
8	Carbon on the Northwest European Shelf: Contemporary Budget and Future Influences. Frontiers in Marine Science, 2020, 7, .	2.5	70
9	Transfer Across the Air-Sea Interface. Springer Earth System Sciences, 2014, , 55-112.	0.2	69
10	The seasonal cycle of oceanâ€atmosphere CO ₂ flux in Ryder Bay, west Antarctic Peninsula. Geophysical Research Letters, 2015, 42, 2934-2942.	4.0	41
11	Ammonium accumulation during a silicate-limited diatom bloom indicates the potential for ammonia emission events. Marine Chemistry, 2007, 106, 63-75.	2.3	37
12	Ammonia/ammonium dissociation coefficient in seawater: A significant numerical correction. Environmental Chemistry, 2007, 4, 183.	1.5	36
13	The seasonal cycle of carbonate system processes in Ryder Bay, West Antarctic Peninsula. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 139, 167-180.	1.4	36
14	Coupling between dimethylsulfide emissions and the ocean - atmosphere exchange of ammonia. Environmental Chemistry, 2008, 5, 259.	1.5	35
15	The impacts of ocean acidification on marine trace gases and the implications forÂatmospheric chemistry andÂclimate. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20190769.	2.1	31
16	Benthic pH gradients across a range of shelf sea sediment types linked to sediment characteristics and seasonal variability. Biogeochemistry, 2017, 135, 69-88.	3.5	27
17	Aerosol isotopic ammonium signatures over the remote Atlantic Ocean. Atmospheric Environment, 2016, 133, 165-169.	4.1	21
18	Long-Term Planetary Habitability and the Carbonate-Silicate Cycle. Astrobiology, 2018, 18, 469-480.	3.0	20

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#	Article	IF	CITATIONS
19	Climateâ€induced change in biogenic bromine emissions from the Antarctic marine biosphere. Global Biogeochemical Cycles, 2012, 26, .	4.9	19
20	Characterising the seasonal cycle of dissolved organic nitrogen using Cefas SmartBuoy high-resolution time-series samples from the southern North Sea. Biogeochemistry, 2013, 113, 23-36.	3.5	18
21	Short-Lived Trace Gases in the Surface Ocean and the Atmosphere. Springer Earth System Sciences, 2014, , 1-54.	0.2	17
22	Net community production in the North Atlantic Ocean derived from Volunteer Observing Ship data. Global Biogeochemical Cycles, 2015, 29, 80-95.	4.9	16
23	Surface ocean-lower atmosphere study: Scientific synthesis and contribution to Earth system science. Anthropocene, 2015, 12, 54-68.	3.3	13
24	Corrigendum to: Ammonia/ammonium dissociation coefficient in seawater: A significant numerical correction. Environmental Chemistry, 2008, 5, 258.	1.5	13
25	Interannual variability in the summer dissolved organic matter inventory of the North Sea: implications for the continental shelf pump. Biogeosciences, 2019, 16, 1073-1096.	3.3	10
26	Seasonal variations in the concentrations of methyl and ethyl nitrate in a shallow freshwater lake. Limnology and Oceanography, 2010, 55, 305-314.	3.1	9
27	Uncertainty and sensitivity in optode-based shelf-sea net community production estimates. Biogeosciences, 2016, 13, 943-959.	3.3	8
28	A Capacitorâ€Discharge Mechanism to Explain the Timing of Orogenyâ€Related Global Glaciations. Geophysical Research Letters, 2019, 46, 8347-8354.	4.0	4
29	Why NH ₃ is not a candidate reagent for ambient CO ₂ fixation: A response to "Alternative solution to global warming arising from CO ₂ emissions—Partial neutralization of tropospheric H ₂ CO ₃ with NH ₃ ― Environmental Progress, 2008, 27, 412-417.	0.7	3
30	Bottom mixed layer oxygen dynamics in the Celtic Sea. Biogeochemistry, 2020, 149, 263-289.	3.5	3
31	From Monodisciplinary via Multidisciplinary to an Interdisciplinary Approach Investigating Air-Sea Interactions – a SOLAS Initiative. Coastal Management, 2020, 48, 238-256.	2.0	2