

Sarah A Green

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

3,664
citations

21
h-index

46
g-index

46
ext. papers

4,062
ext. citations

6
avg, IF

4.84
L-index

#	Paper	IF	Citations
43	Quantifying the consensus on anthropogenic global warming in the scientific literature. <i>Environmental Research Letters</i> , 2013 , 8, 024024	6.2	576
42	Optical absorption and fluorescence properties of chromophoric dissolved organic matter in natural waters. <i>Limnology and Oceanography</i> , 1994 , 39, 1903-1916	4.8	519
41	Consensus on consensus: a synthesis of consensus estimates on human-caused global warming. <i>Environmental Research Letters</i> , 2016 , 11, 048002	6.2	508
40	Characterization of dissolved organic matter in the Black Sea by fluorescence spectroscopy. <i>Nature</i> , 1990 , 348, 432-435	50.4	504
39	A kinetic model for H ₂ O ₂ /UV process in a completely mixed batch reactor. <i>Water Research</i> , 1999 , 33, 2315-2328	12.5	362
38	Highly water-soluble neutral BODIPY dyes with controllable fluorescence quantum yields. <i>Organic Letters</i> , 2011 , 13, 438-41	6.2	136
37	Release of NO _x from sunlight-irradiated midlatitude snow. <i>Geophysical Research Letters</i> , 2000 , 27, 2237-2240	2.4	135
36	Synthesis and Optical Properties of Red and Deep-Red Emissive Polymeric and Copolymeric BODIPY Dyes. <i>Chemistry of Materials</i> , 2009 , 21, 2130-2138	9.6	91
35	Analysis and characterization of naphthenic acids by gas chromatography-electron impact mass spectrometry of tert.-butyldimethylsilyl derivatives. <i>Journal of Chromatography A</i> , 1998 , 807, 241-251	4.5	91
34	Noncovalent functionalization of boron nitride nanotubes with poly(p-phenylene-ethynylene)s and polythiophene. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 104-110	9.5	72
33	Approaching storm: Disappearing winter bloom in Lake Michigan. <i>Journal of Great Lakes Research</i> , 2010 , 36, 30-41	3	66
32	Prognostic Modeling Studies of the Keweenaw Current in Lake Superior. Part I: Formation and Evolution. <i>Journal of Physical Oceanography</i> , 2001 , 31, 379-395	2.4	62
31	Near-infrared emissive BODIPY polymeric and copolymeric dyes. <i>Polymer</i> , 2010 , 51, 5359-5368	3.9	54
30	Controlled Knoevenagel reactions of methyl groups of 1,3,5,7-tetramethyl BODIPY dyes for unique BODIPY dyes. <i>RSC Advances</i> , 2012 , 2, 404-407	3.7	46
29	Selective and sensitive fluorescent sensors for metal ions based on manipulation of side-chain compositions of poly(p-phenyleneethynylene)s. <i>Analytical Chemistry</i> , 2004 , 76, 6513-8	7.8	40
28	Doughnut in the desert: Late-winter production pulse in southern Lake Michigan. <i>Limnology and Oceanography</i> , 2008 , 53, 589-604	4.8	37
27	Photochemical Transformation of Dissolved Organic Carbon in Lake Superior—An In-situ Experiment. <i>Journal of Great Lakes Research</i> , 2004 , 30, 97-112	3	35

26	One-pot efficient synthesis of dimeric, trimeric, and tetrameric BODIPY dyes for panchromatic absorption. <i>Chemical Communications</i> , 2011 , 47, 3508-10	5.8	34
25	Prognostic Modeling Studies of the Keweenaw Current in Lake Superior. Part II: Simulation. <i>Journal of Physical Oceanography</i> , 2001 , 31, 396-410	2.4	31
24	Prefluorescent nitroxide probe for the highly sensitive determination of peroxy and other radical oxidants. <i>Analytical Chemistry</i> , 2009 , 81, 8033-40	7.8	28
23	Dissolved Organic Matter concentration and composition in the forests and streams of Olympic National Park, WA. <i>Biogeochemistry</i> , 2004 , 67, 269-288	3.8	24
22	Protective effect of nitronyl nitroxide-amino acid conjugates on liver ischemia-reperfusion induced injury in rats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 1788-94	2.9	20
21	Detection and separation of gas-phase carbon-centered radicals from cigarette smoke and diesel exhaust. <i>Analytical Chemistry</i> , 1998 , 70, 2008-12	7.8	19
20	Synthetic oligodeoxynucleotide purification by polymerization of failure sequences. <i>Chemical Communications</i> , 2011 , 47, 1345-7	5.8	18
19	An experimental model of the solar-stimulated fluorescence of chromophoric dissolved organic matter. <i>Limnology and Oceanography</i> , 1994 , 39, 1-11	4.8	17
18	Reply to Quantifying the consensus on anthropogenic global warming in the scientific literature: A re-analysis <i>Energy Policy</i> , 2014 , 73, 706-708	7.2	16
17	Fractionation and spectroscopic properties of fulvic acid and its extract. <i>Chemosphere</i> , 2008 , 72, 1425-1434	4.4	15
16	Does It Matter if the Consensus on Anthropogenic Global Warming Is 97% or 99.99%?. <i>Bulletin of Science, Technology and Society</i> , 2016 , 36, 150-156	0.2	13
15	Cross-frontal transport along the Keweenaw coast in Lake Superior: a Lagrangian model study. <i>Dynamics of Atmospheres and Oceans</i> , 2002 , 36, 83-102	1.9	12
14	Of Small Streams and Great Lakes: Integrating Tributaries to Understand the Ecology and Biogeochemistry of Lake Superior. <i>Journal of the American Water Resources Association</i> , 2019 , 55, 442-458 ^{2,1}	2.1	12
13	Comment on Solubility Enhancement and Fluorescence Quenching of Pyrene by Humic Substances: The Effect of Dissolved Oxygen on Quenching Processes <i>Environmental Science & Technology</i> , 1996 , 30, 1407-1408	10.3	11
12	Engagement at the science-policy interface. <i>Environmental Science & Technology</i> , 2014 , 48, 11031-31033	10.3	10
11	Light detection and ranging (LiDAR) and multispectral studies of disturbed Lake Superior coastal environments. <i>Limnology and Oceanography</i> , 2012 , 57, 749-771	4.8	10
10	Light Detection and Ranging (LiDAR) and Multispectral Scanner (MSS) Studies Examine Coastal Environments Influenced by Mining. <i>ISPRS International Journal of Geo-Information</i> , 2014 , 3, 66-95	2.9	8
9	Ionic Liquid Extraction Unveils Previously Occluded Humic-Bound Iron in Peat Soil Pore Water. <i>Soil Science Society of America Journal</i> , 2016 , 80, 771-782	2.5	7

8	Coastal Ecosystem Investigations with LiDAR (Light Detection and Ranging) and Bottom Reflectance: Lake Superior Reef Threatened by Migrating Tailings. <i>Remote Sensing</i> , 2019 , 11, 1076	5	5
7	Introduction to special section: Transport and transformation of biogeochemically important materials in coastal waters. <i>Journal of Geophysical Research</i> , 2004 , 109,		5
6	Acetyl Radical Generation in Cigarette Smoke: Quantification and Simulations. <i>Atmospheric Environment</i> , 2014 , 95, 142-150	5.3	4
5	Insights on Dissolved Organic Matter Production Revealed by Removal of Charge-Transfer Interactions in Senescent Leaf Leachates. <i>Water (Switzerland)</i> , 2020 , 12, 2356	3	4
4	Synthesis of 3-Amino-2,2-dimethyl-8-thia-1-azaspiro[4.5]decane. <i>Synthetic Communications</i> , 2010 , 40, 2571-2577	1.7	3
3	Educating students in solutions-oriented science. <i>Frontiers in Ecology and the Environment</i> , 2020 , 18, 171-171	5.5	2
2	Green Chemistry: Progress and Barriers. <i>ChemistrySelect</i> , 2016 , 1,	1.8	2
1	Polluted Discourse: Communication and Myths in a Climate of Denial. <i>Advances in Natural and Technological Hazards Research</i> , 2016 , 37-54	1.8	