

# Sarah A Green

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

4,562  
citations

279701

23  
h-index

265120

42  
g-index

46  
all docs

46  
docs citations

46  
times ranked

5402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the consensus on anthropogenic global warming in the scientific literature. <i>Environmental Research Letters</i> , 2013, 8, 024024.	2.2	787
2	Consensus on consensus: a synthesis of consensus estimates on human-caused global warming. <i>Environmental Research Letters</i> , 2016, 11, 048002.	2.2	761
3	Optical absorption and fluorescence properties of chromophoric dissolved organic matter in natural waters. <i>Limnology and Oceanography</i> , 1994, 39, 1903-1916.	1.6	648
4	Characterization of dissolved organic matter in the Black Sea by fluorescence spectroscopy. <i>Nature</i> , 1990, 348, 432-435.	13.7	579
5	A kinetic model for H <sub>2</sub> O <sub>2</sub> /UV process in a completely mixed batch reactor. <i>Water Research</i> , 1999, 33, 2315-2328.	5.3	431
6	Highly Water-Soluble Neutral BODIPY Dyes with Controllable Fluorescence Quantum Yields. <i>Organic Letters</i> , 2011, 13, 438-441.	2.4	154
7	Release of NO <sub>x</sub> from sunlight-irradiated midlatitude snow. <i>Geophysical Research Letters</i> , 2000, 27, 2237-2240.	1.5	145
8	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.	1.8	95
9	Synthesis and Optical Properties of Red and Deep-Red Emissive Polymeric and Copolymeric BODIPY Dyes. <i>Chemistry of Materials</i> , 2009, 21, 2130-2138.	3.2	95
10	Noncovalent Functionalization of Boron Nitride Nanotubes with Poly( <i>p</i> -phenylene-ethynylene)s and Polythiophene. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 104-110.	4.0	86
11	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.	0.7	78
12	Approaching storm: Disappearing winter bloom in Lake Michigan. <i>Journal of Great Lakes Research</i> , 2010, 36, 30-41.	0.8	72
13	Near-infrared emissive BODIPY polymeric and copolymeric dyes. <i>Polymer</i> , 2010, 51, 5359-5368.	1.8	57
14	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.	1.7	52
15	Selective and Sensitive Fluorescent Sensors for Metal Ions Based on Manipulation of Side-Chain Compositions of Poly( <i>p</i> -phenyleneethynylene)s. <i>Analytical Chemistry</i> , 2004, 76, 6513-6518.	3.2	42
16	Photochemical Transformation of Dissolved Organic Carbon in Lake Superior—An In-situ Experiment. <i>Journal of Great Lakes Research</i> , 2004, 30, 97-112.	0.8	40
17	Doughnut in the desert: Late-winter production pulse in southern Lake Michigan. <i>Limnology and Oceanography</i> , 2008, 53, 589-604.	1.6	39
18	One-pot efficient synthesis of dimeric, trimeric, and tetrameric BODIPY dyes for panchromatic absorption. <i>Chemical Communications</i> , 2011, 47, 3508.	2.2	36

#	ARTICLE	IF	CITATIONS
19	Prognostic Modeling Studies of the Keweenaw Current in Lake Superior. Part II: Simulation. <i>Journal of Physical Oceanography</i> , 2001, 31, 396-410.	0.7	33
20	Prefluorescent Nitroxide Probe for the Highly Sensitive Determination of Peroxyl and Other Radical Oxidants. <i>Analytical Chemistry</i> , 2009, 81, 8033-8040.	3.2	32
21	Dissolved Organic Matter concentration and composition in the forests and streams of Olympic National Park, WA. <i>Biogeochemistry</i> , 2004, 67, 269-288.	1.7	26
22	Synthetic oligodeoxynucleotide purification by polymerization of failure sequences. <i>Chemical Communications</i> , 2011, 47, 1345-1347.	2.2	25
23	Detection and Separation of Gas-Phase Carbon-Centered Radicals from Cigarette Smoke and Diesel Exhaust. <i>Analytical Chemistry</i> , 1998, 70, 2008-2012.	3.2	24
24	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, 1788-1794.	1.0	24
25	An experimental model of the solar-stimulated fluorescence of chromophoric dissolved organic matter. <i>Limnology and Oceanography</i> , 1994, 39, 1-11.	1.6	22
26	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.	1.1	21
27	Fractionation and spectroscopic properties of fulvic acid and its extract. <i>Chemosphere</i> , 2008, 72, 1425-1434.	4.2	20
28	Reply to "Quantifying the consensus on anthropogenic global warming in the scientific literature: A re-analysis". <i>Energy Policy</i> , 2014, 73, 706-708.	4.2	19
29	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.	1.0	15
30	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.	0.7	12
31	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.	1.4	12
32	Engagement at the Science-Policy Interface. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11031-11033.	4.6	12
33	Comment on "Solubility Enhancement and Fluorescence Quenching of Pyrene by Humic Substances: The Effect of Dissolved Oxygen on Quenching Processes". <i>Environmental Science &amp; Technology</i> , 1996, 30, 1407-1408.	4.6	11
34	Light detection and ranging (LiDAR) and multispectral studies of disturbed Lake Superior coastal environments. <i>Limnology and Oceanography</i> , 2012, 57, 749-771.	1.6	11
35	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.	1.2	7
36	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.	1.8	7

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37	Insights on Dissolved Organic Matter Production Revealed by Removal of Charge-Transfer Interactions in Senescent Leaf Leachates. <i>Water (Switzerland)</i> , 2020, 12, 2356.	1.2	7
38	Introduction to special section: Transport and transformation of biogeochemically important materials in coastal waters. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	6
39	Acetyl radical generation in cigarette smoke: Quantification and simulations. <i>Atmospheric Environment</i> , 2014, 95, 142-150.	1.9	5
40	Educating students in solutions-oriented science. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 171-171.	1.9	5
41	Synthesis of 3-Amino-2,2-dimethyl-8-thia-1-azaspiro[4.5]decane. <i>Synthetic Communications</i> , 2010, 40, 2571-2577.	1.1	4
42	Green Chemistry: Progress and Barriers. <i>ChemistrySelect</i> , 2016, 1, .	0.7	3
43	Implementation of porous silicon technology for flow-through sensing using electro-osmotic phenomenon. , 2011, , .		1
44	Polluted Discourse: Communication and Myths in a Climate of Denial. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 37-54.	1.1	1