Michael E Goodsite

List of Publications by Year
in descending order

58	4,213	218381	189595
papers	citations	26 h-index	50 g-index

63	63	63	4138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Halogens and their role in polar boundary-layer ozone depletion. Atmospheric Chemistry and Physics, 2007, 7, 4375-4418.	1.9	593
2	Dynamic Oxidation of Gaseous Mercury in the Arctic Troposphere at Polar Sunrise. Environmental Science & Technology, 2002, 36, 1245-1256.	4.6	526
3	A synthesis of atmospheric mercury depletion event chemistry in the atmosphere and snow. Atmospheric Chemistry and Physics, 2008, 8, 1445-1482.	1.9	426
4	A Theoretical Study of the Oxidation of Hg0to HgBr2in the Troposphere. Environmental Science & Technology, 2004, 38, 1772-1776.	4.6	285
5	Environmental costs of mercury pollution. Science of the Total Environment, 2006, 368, 352-370.	3.9	226
6	Fate of Elemental Mercury in the Arctic during Atmospheric Mercury Depletion Episodes and the Load of Atmospheric Mercury to the Arctic. Environmental Science & Technology, 2004, 38, 2373-2382.	4.6	185
7	Anthropogenic contributions to atmospheric Hg, Pb and As accumulation recorded by peat cores from southern Greenland and Denmark dated using the 14C â€œbomb pulse curveâ€• Geochimica Et Cosmochimica Acta, 2003, 67, 3991-4011.	1.6	179
8	The political economy of climate adaptation. Nature Climate Change, 2015, 5, 616-618.	8.1	136
9	Suggested protocol for collecting, handling and preparing peat cores and peat samples for physical, chemical, mineralogical and isotopic analyses. Journal of Environmental Monitoring, 2004, 6, 481-492.	2.1	124
10	Collaboration between the natural, social and human sciences in Global Change Research. Environmental Science and Policy, 2013, 28, 25-35.	2.4	109
11	Accumulation rates and predominant atmospheric sources of natural and anthropogenic Hg and Pb on the Faroe Islands. Geochimica Et Cosmochimica Acta, 2005, 69, 1-17.	1.6	108
12	The mass balance of mercury in the springtime arctic environment. Geophysical Research Letters, 2006, 33, .	1.5	106
13	Sustainability, shale gas, and energy transition in China: Assessing barriers and prioritizing strategic measures. Energy, 2015, 84, 551-562.	4.5	96
14	High-Resolution AMS ¹⁴C Dating of Post-Bomb Peat Archives of Atmospheric Pollutants. Radiocarbon, 2001, 43, 495-515.	0.8	90
15	Waste-to-energy, municipal solid waste treatment, and best available technology: Comprehensive evaluation by an interval-valued fuzzy multi-criteria decision making method. Journal of Cleaner Production, 2018, 172, 887-899.	4.6	88
16	Fluxes of reactive gaseous mercury measured with a newly developed method using relaxed eddy accumulation. Atmospheric Environment, 2006, 40, 5452-5463.	1.9	81
17	An analytical protocol for the determination of total mercury concentrations in solid peat samples. Science of the Total Environment, 2002, 292, 129-139.	3.9	74
18	Sustainability decision support framework for industrial system prioritization. AICHE Journal, 2016, 62, 108-130.	1.8	74

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19	Nighttime production of elemental gaseous mercury in interstitial air of snow at Station Nord, Greenland. Atmospheric Environment, 2004, 38, 2727-2735.	1.9	59
20	Petrographic and geochemical composition of kerogen in the Furongian (U. Cambrian) Alum Shale, central Sweden: Reflections on the petroleum generation potential. International Journal of Coal Geology, 2014, 132, 158-169.	1.9	47
21	Optimization of emergy sustainability index for biodiesel supply network design. Energy Conversion and Management, 2015, 92, 312-321.	4.4	45
22	Atmospheric Mercury Accumulation Rates Between 5900 and 800 Calibrated Years BP in the High Arctic of Canada Recorded by Peat Hummocks. Environmental Science & Technology, 2004, 38, 4964-4972.	4.6	39
23	Life cycle cost optimization of biofuel supply chains under uncertainties based on interval linear programming. Bioresource Technology, 2015, 187, 6-13.	4.8	36
24	Gaseous Elemental Mercury in the Ambient Atmosphere: Review of the Application of Theoretical Calculations and Experimental Studies for Determination of Reaction Coefficients and Mechanisms with Halogens and Other Reactants. Advances in Quantum Chemistry, 2008, , 43-55.	0.4	30
25	Performance of a new diffusive sampler for Hg0 determination in the troposphere. Environmental Chemistry, 2007, 4, 75.	0.7	29
26	How well do environmental archives of atmospheric mercury deposition in the Arctic reproduce rates and trends depicted by atmospheric models and measurements?. Science of the Total Environment, 2013, 452-453, 196-207.	3.9	29
27	â€œSupply pushâ€•or â€œdemand pull?â€• Strategic recommendations for the responsible development of biofuel in China. Renewable and Sustainable Energy Reviews, 2015, 52, 382-392.	8.2	24
28	Case studies of scenario analysis for adaptive management of natural resource and infrastructure systems. Environment Systems and Decisions, 2013, 33, 89-103.	1.9	23
29	What is the potential and demonstrated role of non-life insurers in fulfilling climate commitments? A case study of Nordic insurers. Environmental Science and Policy, 2014, 38, 87-106.	2.4	18
30	Facilitating climate change adaptation through communication: Insights from the development of a visualization tool. Energy Research and Social Science, 2015, 10, 57-61.	3.0	17
31	Nordic national climate adaptation and tourism strategies â€“ (how) are they interlinked?. Scandinavian Journal of Hospitality and Tourism, 2018, 18, S75-S86.	1.4	15
32	Comment on Climate Change and Mercury Accumulation in Canadian High and Subarctic Lakes. Environmental Science & Technology, 2011, 45, 6703-6704.	4.6	13
33	The role of science diplomacy: a historical development and international legal framework of arctic research stations under conditions of climate change, post-cold war geopolitics and globalization/power transition. Journal of Environmental Studies and Sciences, 2016, 6, 645-661.	0.9	13
34	Chapter 1. Urban Air Pollution Climates throughout the World. Issues in Environmental Science and Technology, 0, , 1-22.	0.4	12
35	Climate change effects at your doorstep: Geographic visualization to support Nordic homeowners in adapting to climate change. Applied Geography, 2016, 74, 65-72.	1.7	12
36	An Improved Motorized Corer and Sample Processing System for Frozen Peat. Arctic, 2004, 57, .	0.2	12

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37	Palaeoecology of Holocene peat deposits from NordvestÃ„, north-west Greenland. Journal of Paleolimnology, 2008, 40, 557-565.	0.8	9
38	Interdisciplinary Perspectives on Competitive Climate Strategy in Multinational Corporations. Thunderbird International Business Review, 2013, 55, 629-632.	0.9	9
39	Adaptation decision-making in the Nordic countries: assessing the potential for joint action. Environment Systems and Decisions, 2014, 34, 600-611.	1.9	9
40	Urban Air Quality: Sources and Concentrations. , 2021, , 193-214.		9
41	Insurers' role in enhancing development and utilization of environmentally sound technologies: a case study of Nordic insurers. Journal of Cleaner Production, 2014, 65, 526-538.	4.6	8
42	Seabird Transfer of Nutrients and Trace Elements from the North Water Polynya to Land during the Mid-Holocene Warm Period, Carey Islands, Northwest Greenland + Supplementary Appendix Figure S1 (See Article Tools). Arctic, 2016, 69, 253.	0.2	8
43	Comment on â€œAtmospheric Mercury Accumulation Rates between 5900 and 800 Calibrated Years BP in the High Arctic of Canada Recorded by Peat Hummocksâ€• Environmental Science & Technology, 2005, 39, 908-909.	4.6	4
44	Climate justice more vital than democracy. Nature, 2015, 526, 323-323.	13.7	4
45	A framework for the mitigation and adaptation from heat-related risks to infrastructure. Sustainable Cities and Society, 2022, 81, 103820.	5.1	4
46	A 6,000-years record of atmospheric mercury accumulation in the high Arctic from peat deposits on Bathurst Island, Nunavut, Canada. European Physical Journal Special Topics, 2003, 107, 545-548.	0.2	3
47	Response to Comment on â€œAtmospheric Mercury Accumulation Rates between 5900 and 800 Calibrated Years BP in the High Arctic of Canada Recorded by Peat Hummocksâ€• Environmental Science & Technology, 2005, 39, 910-912.	4.6	3
48	Climate Change and China as a Global Emerging Regulatory Sea Power in the Arctic Ocean: Is China a Threat for Arctic Ocean Security?. Beijing Law Review, 2015, 06, 199-207.	0.1	3
49	Applications of Theoretical Methods to Atmospheric Science. Advances in Quantum Chemistry, 2008, 55, 1-4.	0.4	2
50	Climate Change and Human Security in a Regulatory Multilevel and Multidisciplinary Dimension: The Case of the Arctic Environmental Ocean. Climate Change Management, 2016, , 71-91.	0.6	2
51	Sustainability Decision Support Framework for the Prioritization of Hydrogen Energy Systems. , 2017, , 225-276.		2
52	Urban Air Quality: Sources and Concentrations. , 2012, , 11291-11311.		2
53	Editorialâ€”Global Climate Change and Contaminants. International Journal of Environmental Research and Public Health, 2015, 12, 7582-7584.	1.2	1
54	Urban Air Quality: Sources and Concentrations. , 2019, , 1-23.		1

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55	The nautilus evolving architecture and city landscapes for future sustainable development. Technoetic Arts, 2009, 7, 105-115.	0.0	0
56	Comment: China and the Climate Change Debate. Thunderbird International Business Review, 2014, 56, 219-220.	0.9	0
57	Responses to Air Pollution Based on Historical and Current Policies in the EU and ASEAN. Global Environment, 2011, 3, 150-182.	0.1	0
58	Advances in the Net-Zero Paradigm and Resilience of Net-Zero Strategic Plans for Water Systems. NATO Science for Peace and Security Series C: Environmental Security, 2017, , 171-218.	0.1	0