Stephen M Mudge

List of Publications by Year
in descending order

68	1,813	304743 22	276875 41
papers	citations	h-index	g-index

68	68	68	2058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An overview of ecological status, vulnerability and future perspectives of European large shallow, semi-enclosed coastal systems, lagoons and transitional waters. Estuarine, Coastal and Shelf Science, 2014, 140, 95-122.	2.1	275
2	Temperature and salinity regimes in a shallow, mesotidal lagoon, the Ria Formosa, Portugal. Estuarine, Coastal and Shelf Science, 2003, 57, 73-85.	2.1	127
3	Lipid biomarkers in the Conwy Estuary (North Wales, U.K.): a comparison between fatty alcohols and sterols. Marine Chemistry, 1997, 57, 61-84.	2.3	113
4	Lagoon-sea exchanges, nutrient dynamics and water quality management of the Ria Formosa (Portugal). Estuarine, Coastal and Shelf Science, 2005, 62, 405-414.	2.1	99
5	Sewage contamination following an accidental spillage in the Ria Formosa, Portugal. Marine Pollution Bulletin, 1997, 34, 163-170.	5.0	82
6	Stimulating the Biodegradation of Crude Oil with Biodiesel Preliminary Results. Spill Science and Technology Bulletin, 1999, 5, 353-355.	0.4	75
7	Identifying the source, transport path and sinks of sewage derived organic matter. Environmental Pollution, 2005, 136, 209-220.	7.5	71
8	Organic Contamination of San Vicente Bay, Chile. Marine Pollution Bulletin, 1999, 38, 1011-1021.	5.0	70
9	Cleaning oiled shores: laboratory experiments testing the potential use of vegetable oil biodiesels. Chemosphere, 2004, 54, 297-304.	8.2	64
10	The effect of biodiesel on the rate of removal and weathering characteristics of crude oil within artificial sand columns. Spill Science and Technology Bulletin, 1997, 4, 17-33.	0.4	61
11	Reassessment of the Hydrocarbons in Prince William Sound and the Gulf of Alaska:Â Identifying the Source Using Partial Least-Squares. Environmental Science & Technology, 2002, 36, 2354-2360.	10.0	59
12	Sterols in the Ria Formosa lagoon, Portugal. Water Research, 1999, 33, 1038-1048.	11.3	52
13	Residence times in a hypersaline lagoon: Using salinity as a tracer. Estuarine, Coastal and Shelf Science, 2008, 77, 278-284.	2.1	46
14	Tracing Sewage in the Marine Environment: altered signatures in ConcepciÃ³n Bay, Chile. Water Research, 2001, 35, 4166-4174.	11.3	39
15	Multivariate Statistical Methods in Environmental Forensics. Environmental Forensics, 2007, 8, 155-163.	2.6	32
16	Deleterious effects from accidental spillages of vegetable oils. Spill Science and Technology Bulletin, 1995, 2, 187-191.	0.4	30
17	Can vegetable oils outlast mineral oils in the marine environment?. Marine Pollution Bulletin, 1997, 34, 213.	5.0	24
18	Oxygen depletion in relation to water residence times. Journal of Environmental Monitoring, 2007, 9, 1194.	2.1	24

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19	Temporal trends and identification of the sources of volatile organic compounds in coastal seawater. Journal of Environmental Monitoring, 2009, 11, 628.	2.1	24
20	Vegetable Oil Spills On Salt Marshes. Chemistry and Ecology, 1995, 10, 127-135.	1.6	23
21	Analysis of volatile organic compounds (VOCs) in sediments using in situ SPME sampling. Journal of Environmental Monitoring, 2007, 9, 411.	2.1	23
22	Oxidative stress in the clamRuditapes decussatus (Linnaeus, 1758) in relation to polycyclic aromatic hydrocarbon body burden. Environmental Toxicology, 2007, 22, 203-221.	4.0	22
23	Consequences of linseed oil spills in salt marsh sediments. Marine Pollution Bulletin, 2002, 44, 520-533.	5.0	21
24	Vegetable oil spills on salt marsh sediments; comparison between sunflower and linseed oils. Marine Environmental Research, 2003, 56, 367-385.	2.5	20
25	Source Allocation by Least-Squares Hydrocarbon Fingerprint Matching. Environmental Science & Technology, 2006, 40, 6561-6567.	10.0	20
26	Application of response surface methodology to oil spill remediation. Fuel, 2013, 103, 876-883.	6.4	20
27	Polycyclic aromatic hydrocarbons in clams Ruditapes decussatus (Linnaeus, 1758). Journal of Environmental Monitoring, 2007, 9, 187.	2.1	19
28	Concentration and Sources of Polycyclic Aromatic Hydrocarbons in Sediments from the Ria Formosa Lagoon. Environmental Forensics, 2007, 8, 231-243.	2.6	18
29	What contribution do detergent fatty alcohols make to sewage discharges and the marine environment?. Journal of Environmental Monitoring, 2010, 12, 1846.	2.1	17
30	Detecting Anthropogenic Stress in an Ecosystem: 2. Macrofauna in a Sewage Gradient. Environmental Forensics, 2004, 5, 213-223.	2.6	15
31	Bacterial Degradation of Vegetable Oils. Chemistry and Ecology, 1998, 14, 291-303.	1.6	14
32	Temporal and Spatial Variation of Phytoplankton Pigments in the Western Part of Ria Formosa Lagoon, Southern Portugal. Environmental Forensics, 2007, 8, 205-220.	2.6	14
33	Source Allocation of Aliphatic and Polycyclic Aromatic Hydrocarbons in Particulate-Phase (PM₁₀) in the City of Valdivia, Chile. Polycyclic Aromatic Compounds, 2012, 32, 390-407.	2.6	14
34	Detecting Anthropogenic Stress In An Ecosystem: 1. Meiofauna In A Sewage Gradient. Environmental Forensics, 2004, 5, 155-170.	2.6	13
35	Quantifying the anthropogenic fraction of fatty alcohols in a terrestrial environment. Environmental Toxicology and Chemistry, 2012, 31, 1209-1222.	4.3	13
36	Detection of technetium-99 in Ascophyllum nodosum from around the Welsh coast. Chemosphere, 2006, 65, 2297-2303.	8.2	12

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37	Trihalomethanes in the drinking water of ConcepciÃ³n and Talcahuano, Chile. Water and Environment Journal, 2009, 23, 286-292.	2.2	12
38	Source Apportionment of PAHs in Airborne Particulates (PM2.5) in Southern Chile. Polycyclic Aromatic Compounds, 2017, 37, 189-202.	2.6	11
39	Aspects of Hydrocarbon Fingerprinting Using PLS-New Data From Prince William Sound. Environmental Forensics, 2002, 3, 323-329.	2.6	10
40	The Effect of Grain Size and Element Concentration in Identifying Contaminant Sources. Environmental Forensics, 2003, 4, 305-312.	2.6	10
41	The Use of Terminal Restriction Fragment Length Polymorphism (T-RFLP) for the Characterisation of Microbial Communities in Marine Sediments. Geomicrobiology Journal, 2006, 23, 247-251.	2.0	10
42	Dimethylsulphide and oceanâ€“atmosphere interactions. Chemistry and Ecology, 2004, 20, 73-95.	1.6	8
43	Detecting Anthropogenic Stress in an Ecosystem: 3. Mesoscale Variability and Biotic Indices. Environmental Forensics, 2005, 6, 371-384.	2.6	8
44	Use of Market Forensics to Estimate the Environmental Load of Ingredients from Consumer Products. Environmental Forensics, 2011, 12, 349-356.	2.6	8
45	Source identification, apportionment and toxicity of indoor and outdoor PM_{2.5}airborne particulates in a region characterised by wood burning. Environmental Sciences: Processes and Impacts, 2016, 18, 575-589.	3.5	8
46	Estimating fatty alcohol contributions to the environment from laundry and personal care products using a market forensics approach. Environmental Sciences: Processes and Impacts, 2014, 16, 74-80.	3.5	7
47	Contributions of dioxins and furans to the urban sediment signature: The role of atmospheric particles. Science of the Total Environment, 2018, 615, 751-760.	8.0	7
48	Polymerisation versus degradation of sunflower oil spilled in the marine environments. Marine Pollution Bulletin, 2003, 46, 1078-1081.	5.0	6
49	Trace metals in sediments of Southeast Pacific Fjords, north region (42.5Â° to 46.5Â°S). Journal of Environmental Monitoring, 2008, 10, 231-238.	2.1	5
50	Is the use of biofuels environmentally sound or ethical?. Journal of Environmental Monitoring, 2008, 10, 701.	2.1	4
51	Seasonal Variation of Disinfection By-products in Drinking Water in Central Chile. Water Quality, Exposure, and Health, 2013, 5, 1-9.	1.5	4
52	The effect of secondary treatment and eco-region on the environmental fate of fatty alcohol based surfactants. Science of the Total Environment, 2014, 470-471, 835-843.	8.0	4
53	A comparison between three unmixing models for source apportionment of PM_{2.5} using alkanes in air from Southern Chile. Environmental Forensics, 2017, 18, 226-240.	2.6	4
54	Are Sterols Useful for the Identification of Sources of Faecal Contamination in Shellfish? A Case Study. Water (Switzerland), 2020, 12, 3076.	2.7	4

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55	Vegetable Oil Spills - Pollution Or Over-Cautiousness?. Chemistry and Ecology, 1998, 14, 259-263.	1.6	3
56	Multivariate Statistical Methods andÂSource Identification in Environmental Forensics. , 2015, , 655-675.		3
57	Using elemental analyses and multivariate statistics to identify the off-site dispersion from informal e-waste processing. Environmental Sciences: Processes and Impacts, 2019, 21, 2042-2057.	3.5	3
58	Source apportionment in oil spill remediation. Journal of Environmental Monitoring, 2012, 14, 1671.	2.1	2
59	Statistical analysis of oil spill chemical composition data. , 2016, , 849-867.		2
60	Trace Organic Matter in the Ria Formosa, Portugal. Chemistry and Ecology, 1998, 14, 265-277.	1.6	1
61	Environmental Forensics in the UK. Journal of Environmental Monitoring, 2007, 9, 141.	2.1	1
62	Milestone 100th issue sees evolution of JEM scope. Journal of Environmental Monitoring, 2009, 11, 1727.	2.1	1
63	Determining the ‹scp›Bioâ€Based‹/scp› Carbon Content of Surfactants. Journal of Surfactants and Detergents, 2020, 23, 771-780.	2.1	1
64	Sediment and Soil Environmental Forensics: What Do We Know?. , 2009, , 151-162.		1
65	Sewage. , 1964, , 35-53.		0
66	Environmental forensics. Journal of Environmental Monitoring, 2007, 9, 395.	2.1	0
67	Permafrost â€“ receptor or source?. Environmental Forensics, 2018, 19, 165-165.	2.6	0
68	Providing first evidence of the behaviour and potential environmental impacts of an accidental underwater release of propane. Environmental Pollution, 2021, 276, 116683.	7.5	0