# 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 | 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 |
| 2 | Determining the <scp>Bioâ€Based</scp> Carbon Content of Surfactants. Journal of Surfactants and Detergents, 2020, 23, 771-780. | 2.1 | 1 |
| 3 | Are Sterols Useful for the Identification of Sources of Faecal Contamination in Shellfish? A Case Study. Water (Switzerland), 2020, 12, 3076. | 2.7 | 4 |
| 4 | 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 |
| 5 | 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 |
| 6 | Permafrost â€“ receptor or source?. Environmental Forensics, 2018, 19, 165-165. | 2.6 | 0 |
| 7 | A comparison between three unmixing models for source apportionment of PM<sub>2.5</sub> using alkanes in air from Southern Chile. Environmental Forensics, 2017, 18, 226-240. | 2.6 | 4 |
| 8 | Source Apportionment of PAHs in Airborne Particulates (PM2.5) in Southern Chile. Polycyclic Aromatic Compounds, 2017, 37, 189-202. | 2.6 | 11 |
| 9 | Source identification, apportionment and toxicity of indoor and outdoor PM<sub>2.5</sub>airborne particulates in a region characterised by wood burning. Environmental Sciences: Processes and Impacts, 2016, 18, 575-589. | 3.5 | 8 |
| 10 | Statistical analysis of oil spill chemical composition data. , 2016, , 849-867. | | 2 |
| 11 | Multivariate Statistical Methods andÂSource Identification in Environmental Forensics. , 2015, , 655-675. | | 3 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Seasonal Variation of Disinfection By-products in Drinking Water in Central Chile. Water Quality, Exposure, and Health, 2013, 5, 1-9. | 1.5 | 4 |
| 16 | Application of response surface methodology to oil spill remediation. Fuel, 2013, 103, 876-883. | 6.4 | 20 |
| 17 | Source Allocation of Aliphatic and Polycyclic Aromatic Hydrocarbons in Particulate-Phase (PM<sub>10</sub>) in the City of Valdivia, Chile. Polycyclic Aromatic Compounds, 2012, 32, 390-407. | 2.6 | 14 |
| 18 | Source apportionment in oil spill remediation. Journal of Environmental Monitoring, 2012, 14, 1671. | 2.1 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Quantifying the anthropogenic fraction of fatty alcohols in a terrestrial environment. Environmental Toxicology and Chemistry, 2012, 31, 1209-1222. | 4.3 | 13 |
| 20 | Use of Market Forensics to Estimate the Environmental Load of Ingredients from Consumer Products. Environmental Forensics, 2011, 12, 349-356. | 2.6 | 8 |
| 21 | What contribution do detergent fatty alcohols make to sewage discharges and the marine environment?. Journal of Environmental Monitoring, 2010, 12, 1846. | 2.1 | 17 |
| 22 | Trihalomethanes in the drinking water of ConcepciÃ³n and Talcahuano, Chile. Water and Environment Journal, 2009, 23, 286-292. | 2.2 | 12 |
| 23 | Milestone 100th issue sees evolution of JEM scope. Journal of Environmental Monitoring, 2009, 11, 1727. | 2.1 | 1 |
| 24 | Temporal trends and identification of the sources of volatile organic compounds in coastal seawater. Journal of Environmental Monitoring, 2009, 11, 628. | 2.1 | 24 |
| 25 | Sediment and Soil Environmental Forensics: What Do We Know?. , 2009, , 151-162. | | 1 |
| 26 | Residence times in a hypersaline lagoon: Using salinity as a tracer. Estuarine, Coastal and Shelf Science, 2008, 77, 278-284. | 2.1 | 46 |
| 27 | Is the use of biofuels environmentally sound or ethical?. Journal of Environmental Monitoring, 2008, 10, 701. | 2.1 | 4 |
| 28 | 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 |
| 29 | Concentration and Sources of Polycyclic Aromatic Hydrocarbons in Sediments from the Ria Formosa Lagoon. Environmental Forensics, 2007, 8, 231-243. | 2.6 | 18 |
| 30 | 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 |
| 31 | Analysis of volatile organic compounds (VOCs) in sediments using in situ SPME sampling. Journal of Environmental Monitoring, 2007, 9, 411. | 2.1 | 23 |
| 32 | Environmental Forensics in the UK. Journal of Environmental Monitoring, 2007, 9, 141. | 2.1 | 1 |
| 33 | Environmental forensics. Journal of Environmental Monitoring, 2007, 9, 395. | 2.1 | 0 |
| 34 | Oxygen depletion in relation to water residence times. Journal of Environmental Monitoring, 2007, 9, 1194. | 2.1 | 24 |
| 35 | Polycyclic aromatic hydrocarbons in clams Ruditapes decussatus (Linnaeus, 1758). Journal of Environmental Monitoring, 2007, 9, 187. | 2.1 | 19 |
| 36 | Multivariate Statistical Methods in Environmental Forensics. Environmental Forensics, 2007, 8, 155-163. | 2.6 | 32 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | Source Allocation by Least-Squares Hydrocarbon Fingerprint Matching. Environmental Science & Technology, 2006, 40, 6561-6567. | 10.0 | 20 |
| 40 | Detection of technetium-99 in Ascophyllum nodosum from around the Welsh coast. Chemosphere, 2006, 65, 2297-2303. | 8.2 | 12 |
| 41 | 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 |
| 42 | Detecting Anthropogenic Stress in an Ecosystem: 3. Mesoscale Variability and Biotic Indices. Environmental Forensics, 2005, 6, 371-384. | 2.6 | 8 |
| 43 | Identifying the source, transport path and sinks of sewage derived organic matter. Environmental Pollution, 2005, 136, 209-220. | 7.5 | 71 |
| 44 | Detecting Anthropogenic Stress in an Ecosystem: 2. Macrofauna in a Sewage Gradient. Environmental Forensics, 2004, 5, 213-223. | 2.6 | 15 |
| 45 | Detecting Anthropogenic Stress In An Ecosystem: 1. Meiofauna In A Sewage Gradient. Environmental Forensics, 2004, 5, 155-170. | 2.6 | 13 |
| 46 | Dimethylsulphide and oceanâ€“atmosphere interactions. Chemistry and Ecology, 2004, 20, 73-95. | 1.6 | 8 |
| 47 | Cleaning oiled shores: laboratory experiments testing the potential use of vegetable oil biodiesels. Chemosphere, 2004, 54, 297-304. | 8.2 | 64 |
| 48 | 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 |
| 49 | Polymerisation versus degradation of sunflower oil spilled in the marine environments. Marine Pollution Bulletin, 2003, 46, 1078-1081. | 5.0 | 6 |
| 50 | Vegetable oil spills on salt marsh sediments; comparison between sunflower and linseed oils. Marine Environmental Research, 2003, 56, 367-385. | 2.5 | 20 |
| 51 | The Effect of Grain Size and Element Concentration in Identifying Contaminant Sources. Environmental Forensics, 2003, 4, 305-312. | 2.6 | 10 |
| 52 | Aspects of Hydrocarbon Fingerprinting Using PLS-New Data From Prince William Sound. Environmental Forensics, 2002, 3, 323-329. | 2.6 | 10 |
| 53 | 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 |
| 54 | Consequences of linseed oil spills in salt marsh sediments. Marine Pollution Bulletin, 2002, 44, 520-533. | 5.0 | 21 |

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|---|---|---|---|
| 55 | Tracing Sewage in the Marine Environment: altered signatures in ConcepciÃ³n Bay, Chile. Water Research, 2001, 35, 4166-4174. | 11.3 | 39 |
| 56 | Organic Contamination of San Vicente Bay, Chile. Marine Pollution Bulletin, 1999, 38, 1011-1021. | 5.0 | 70 |
| 57 | Stimulating the Biodegradation of Crude Oil with Biodiesel Preliminary Results. Spill Science and Technology Bulletin, 1999, 5, 353-355. | 0.4 | 75 |
| 58 | Sterols in the Ria Formosa lagoon, Portugal. Water Research, 1999, 33, 1038-1048. | 11.3 | 52 |
| 59 | Bacterial Degradation of Vegetable Oils. Chemistry and Ecology, 1998, 14, 291-303. | 1.6 | 14 |
| 60 | Vegetable Oil Spills - Pollution Or Over-Cautiousness?. Chemistry and Ecology, 1998, 14, 259-263. | 1.6 | 3 |
| 61 | Trace Organic Matter in the Ria Formosa, Portugal. Chemistry and Ecology, 1998, 14, 265-277. | 1.6 | 1 |
| 62 | Sewage contamination following an accidental spillage in the Ria Formosa, Portugal. Marine Pollution Bulletin, 1997, 34, 163-170. | 5.0 | 82 |
| 63 | Can vegetable oils outlast mineral oils in the marine environment?. Marine Pollution Bulletin, 1997, 34, 213. | 5.0 | 24 |
| 64 | 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 |
| 65 | 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 |
| 66 | Vegetable Oil Spills On Salt Marshes. Chemistry and Ecology, 1995, 10, 127-135. | 1.6 | 23 |
| 67 | Deleterious effects from accidental spillages of vegetable oils. Spill Science and Technology Bulletin, 1995, 2, 187-191. | 0.4 | 30 |
| 68 | Sewage. , 1964, , 35-53. | | 0 |