

George P Prpich

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.

36
papers

826
citations

19
h-index

28
g-index

36
ext. papers

938
ext. citations

6.8
avg, IF

4.37
L-index

#	Paper	IF	Citations
36	Enhanced biodegradation of phenol by a microbial consortium in a solid-liquid two phase partitioning bioreactor. <i>Biodegradation</i> , 2005 , 16, 329-39	4.1	90
35	Insights into the biodegradation of weathered hydrocarbons in contaminated soils by bioaugmentation and nutrient stimulation. <i>Chemosphere</i> , 2016 , 161, 300-307	8.4	74
34	Remediation of PAH contaminated soils: application of a solid-liquid two-phase partitioning bioreactor. <i>Chemosphere</i> , 2008 , 73, 798-804	8.4	59
33	Assessing bioavailability of complex chemical mixtures in contaminated soils: Progress made and research needs. <i>Science of the Total Environment</i> , 2018 , 615, 708-723	10.2	49
32	Polymer development for enhanced delivery of phenol in a solid-liquid two-phase partitioning bioreactor. <i>Biotechnology Progress</i> , 2004 , 20, 1725-32	2.8	47
31	China's soil and groundwater management challenges: Lessons from the UK's experience and opportunities for China. <i>Environment International</i> , 2016 , 91, 196-200	12.9	39
30	Management of petroleum hydrocarbon contaminated sites in Nigeria: Current challenges and future direction. <i>Land Use Policy</i> , 2017 , 64, 133-144	5.6	38
29	A novel solid-liquid two-phase partitioning bioreactor for the enhanced bioproduction of 3-methylcatechol. <i>Biotechnology and Bioengineering</i> , 2007 , 98, 1008-16	4.9	35
28	Biodegradation of a phenolic mixture in a solid-liquid two-phase partitioning bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2006 , 72, 607-15	5.7	35
27	A multi-attribute methodology for the prioritisation of oil contaminated sites in the Niger Delta. <i>Science of the Total Environment</i> , 2017 , 579, 1323-1332	10.2	27
26	Biodegradation of 4-nitrophenol in a two-phase system operating with polymers as the partitioning phase. <i>Environmental Science & Technology</i> , 2009 , 43, 7105-10	10.3	27
25	Ex situ bioremediation of phenol contaminated soil using polymer beads. <i>Biotechnology Letters</i> , 2006 , 28, 2027-31	3	26
24	Integrating horizon scanning and strategic risk prioritisation using a weight of evidence framework to inform policy decisions. <i>Science of the Total Environment</i> , 2016 , 560-561, 82-91	10.2	24
23	Learning to organise risk management in organisations: what future for enterprise risk management?. <i>Journal of Risk Research</i> , 2014 , 17, 999-1017	4.2	23
22	On the use, and reuse, of polymers for the treatment of hydrocarbon contaminated water via a solid-liquid partitioning bioreactor. <i>Biotechnology Progress</i> , 2008 , 24, 839-44	2.8	22
21	Review of the scientific evidence to support environmental risk assessment of shale gas development in the UK. <i>Science of the Total Environment</i> , 2016 , 563-564, 731-40	10.2	21
20	Prediction of bioavailability and toxicity of complex chemical mixtures through machine learning models. <i>Chemosphere</i> , 2019 , 215, 388-395	8.4	21

19	Insights into mixed contaminants interactions and its implication for heavy metals and metalloids mobility, bioavailability and risk assessment. <i>Science of the Total Environment</i> , 2018 , 645, 662-673	10.2	20
18	Working towards an integrated land contamination management framework for Nigeria. <i>Science of the Total Environment</i> , 2016 , 571, 916-25	10.2	20
17	Solvent selection for enhanced bioproduction of 3-methylcatechol in a two-phase partitioning bioreactor. <i>Biotechnology and Bioengineering</i> , 2007 , 97, 536-43	4.9	18
16	Character of environmental harms: overcoming implementation challenges with policy makers and regulators. <i>Environmental Science & Technology</i> , 2011 , 45, 9857-65	10.3	16
15	Two-phase reactors applied to the removal of substituted phenols: comparison between liquid-liquid and liquid-solid systems. <i>Water Science and Technology</i> , 2010 , 62, 776-82	2.2	14
14	Selective-exhaust gas recirculation for CO2 capture using membrane technology. <i>Journal of Membrane Science</i> , 2018 , 549, 649-659	9.6	13
13	Use of stakeholder engagement to support policy transfer: A case of contaminated land management in Nigeria. <i>Environmental Development</i> , 2017 , 24, 50-62	4.1	10
12	Linking bioavailability and toxicity changes of complex chemicals mixture to support decision making for remediation endpoint of contaminated soils. <i>Science of the Total Environment</i> , 2019 , 650, 2150-2163	10.2	10
11	A systems approach to the policy-level risk assessment of exotic animal diseases: network model and application to classical swine fever. <i>Risk Analysis</i> , 2013 , 33, 1454-72	3.9	8
10	Design, process simulation and construction of a 100 kW pilot-scale CO2 membrane rig: Improving in situ CO2 capture using selective exhaust gas recirculation (S-EGR). <i>Journal of Natural Gas Science and Engineering</i> , 2018 , 50, 128-138	4.6	7
9	Scientific commentary: Strategic analysis of environmental policy risks--heat maps, risk futures and the character of environmental harm. <i>Science of the Total Environment</i> , 2013 , 463-464, 442-5	10.2	6
8	Recovery of infauna macrobenthic invertebrates in oil-polluted tropical soft-bottom tidal flats: 7 years post spill. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 22407-22420	5.1	5
7	Assessing filter robustness at drinking water treatment plants. <i>Water and Environment Journal</i> , 2015 , 29, 16-26	1.7	5
6	Assessment of Consequences of Notifiable Fish Disease Incursions in England and Wales. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013 , 19, 278-290	4.9	4
5	Strategic risk appraisal. Comparing expert- and literature-informed consequence assessments for environmental policy risks receiving national attention. <i>Science of the Total Environment</i> , 2017 , 595, 537-546	10.2	3
4	Engaging with Comparative Risk Appraisals: Public Views on Policy Priorities for Environmental Risk Governance. <i>Risk Analysis</i> , 2017 , 37, 1683-1692	3.9	3
3	Assessing unconventional natural gas development: Understanding risks in the context of the EU. <i>Current Opinion in Environmental Science and Health</i> , 2018 , 3, 47-51	8.1	3
2	U.K. Foot and Mouth Disease: A Systemic Risk Assessment of Existing Controls. <i>Risk Analysis</i> , 2017 , 37, 1768-1782	3.9	2

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Stakeholder Engagement and the Sustainable Environmental Management of Oil-Contaminated Sites in Nigeria **2019**, 75-97

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