George P Prpich

List of Publications by Year in Descending Order

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	Recovery of infauna macrobenthic invertebrates in oil-polluted tropical soft-bottom tidal flats: 7 years post spill. *Environmental Science and Pollution Research*, **2019**, 26, 22407-22420	5.1	5
35	Stakeholder Engagement and the Sustainable Environmental Management of Oil-Contaminated Sites in Nigeria **2019**, 75-97		2
34	Prediction of bioavailability and toxicity of complex chemical mixtures through machine learning models. *Chemosphere*, **2019**, 215, 388-395	8.4	21
33	Linking bioavailability and toxicity changes of complex chemicals mixture to support decision making for remediation endpoint of contaminated soils. *Science of the Total Environment*, **2019**, 650, 2150-2163	10.2	10
32	Assessing bioavailability of complex chemical mixtures in contaminated soils: Progress made and research needs. *Science of the Total Environment*, **2018**, 615, 708-723	10.2	49
31	Insights into mixed contaminants interactions and its implication for heavy metals and metalloids mobility, bioavailability and risk assessment. *Science of the Total Environment*, **2018**, 645, 662-673	10.2	20
30	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). *Journal of Natural Gas Science and Engineering*, **2018**, 50, 128-138	4.6	7
29	Selective-exhaust gas recirculation for CO2 capture using membrane technology. *Journal of Membrane Science*, **2018**, 549, 649-659	9.6	13
28	Assessing unconventional natural gas development: Understanding risks in the context of the EU. *Current Opinion in Environmental Science and Health*, **2018**, 3, 47-51	8.1	3
27	Management of petroleum hydrocarbon contaminated sites in Nigeria: Current challenges and future direction. *Land Use Policy*, **2017**, 64, 133-144	5.6	38
26	A multi-attribute methodology for the prioritisation of oil contaminated sites in the Niger Delta. *Science of the Total Environment*, **2017**, 579, 1323-1332	10.2	27
25	Strategic risk appraisal. Comparing expert- and literature-informed consequence assessments for environmental policy risks receiving national attention. *Science of the Total Environment*, **2017**, 595, 537-546	10.2	3
24	Engaging with Comparative Risk Appraisals: Public Views on Policy Priorities for Environmental Risk Governance. *Risk Analysis*, **2017**, 37, 1683-1692	3.9	3
23	U.K. Foot and Mouth Disease: A Systemic Risk Assessment of Existing Controls. *Risk Analysis*, **2017**, 37, 1768-1782	3.9	2
22	Use of stakeholder engagement to support policy transfer: A case of contaminated land management in Nigeria. *Environmental Development*, **2017**, 24, 50-62	4.1	10
21	Integrating horizon scanning and strategic risk prioritisation using a weight of evidence framework to inform policy decisions. *Science of the Total Environment*, **2016**, 560-561, 82-91	10.2	24
20	Review of the scientific evidence to support environmental risk assessment of shale gas development in the UK. *Science of the Total Environment*, **2016**, 563-564, 731-40	10.2	21

19	China\'s soil and groundwater management challenges: Lessons from the UK\'s experience and opportunities for China. *Environment International*, **2016**, 91, 196-200	12.9	39
18	Working towards an integrated land contamination management framework for Nigeria. *Science of the Total Environment*, **2016**, 571, 916-25	10.2	20
17	Insights into the biodegradation of weathered hydrocarbons in contaminated soils by bioaugmentation and nutrient stimulation. *Chemosphere*, **2016**, 161, 300-307	8.4	74
16	Assessing filter robustness at drinking water treatment plants. *Water and Environment Journal*, **2015**, 29, 16-26	1.7	5
15	Learning to organise risk management in organisations: what future for enterprise risk management?. *Journal of Risk Research*, **2014**, 17, 999-1017	4.2	23
14	Assessment of Consequences of Notifiable Fish Disease Incursions in England and Wales. *Human and Ecological Risk Assessment (HERA)*, **2013**, 19, 278-290	4.9	4
13	Scientific commentary: Strategic analysis of environmental policy risks--heat maps, risk futures and the character of environmental harm. *Science of the Total Environment*, **2013**, 463-464, 442-5	10.2	6
12	A systems approach to the policy-level risk assessment of exotic animal diseases: network model and application to classical swine fever. *Risk Analysis*, **2013**, 33, 1454-72	3.9	8
11	Character of environmental harms: overcoming implementation challenges with policy makers and regulators. *Environmental Science & Technology*, **2011**, 45, 9857-65	10.3	16
10	Two-phase reactors applied to the removal of substituted phenols: comparison between liquid-liquid and liquid-solid systems. *Water Science and Technology*, **2010**, 62, 776-82	2.2	14
9	Biodegradation of 4-nitrophenol in a two-phase system operating with polymers as the partitioning phase. *Environmental Science & Technology*, **2009**, 43, 7105-10	10.3	27
8	Remediation of PAH contaminated soils: application of a solid-liquid two-phase partitioning bioreactor. *Chemosphere*, **2008**, 73, 798-804	8.4	59
7	On the use, and reuse, of polymers for the treatment of hydrocarbon contaminated water via a solid-liquid partitioning bioreactor. *Biotechnology Progress*, **2008**, 24, 839-44	2.8	22
6	Solvent selection for enhanced bioproduction of 3-methylcatechol in a two-phase partitioning bioreactor. *Biotechnology and Bioengineering*, **2007**, 97, 536-43	4.9	18
5	A novel solid-liquid two-phase partitioning bioreactor for the enhanced bioproduction of 3-methylcatechol. *Biotechnology and Bioengineering*, **2007**, 98, 1008-16	4.9	35
4	Biodegradation of a phenolic mixture in a solid-liquid two-phase partitioning bioreactor. *Applied Microbiology and Biotechnology*, **2006**, 72, 607-15	5.7	35
3	Ex situ bioremediation of phenol contaminated soil using polymer beads. *Biotechnology Letters*, **2006**, 28, 2027-31	3	26
2	Enhanced biodegradation of phenol by a microbial consortium in a solid-liquid two phase partitioning bioreactor. *Biodegradation*, **2005**, 16, 329-39	4.1	90

1 Polymer development for enhanced delivery of phenol in a solid-liquid two-phase partitioning bioreactor. *Biotechnology Progress*, **2004**, 20, 1725-32 2.8 47