

# Peter S Hooda

## List of Publications by Year in Descending Order

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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.

85 papers	3,001 citations	28 h-index	53 g-index
98 ext. papers	3,422 ext. citations	5.6 avg, IF	5.34 L-index

#	Paper	IF	Citations
85	Soil organic carbon dynamics in the agricultural soils of Bangladesh following more than 20 years of land use intensification.. <i>Journal of Environmental Management</i> , <b>2022</b> , 305, 114427	7.9	1
84	Source of <sup>226</sup> Ra in Ramsar spring water, Iran: implication of water-rock interaction and stable isotopes. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	
83	Occurrence of trace elements (TEs) in seafood from the North Persian Gulf: Implications for human health. <i>Journal of Food Composition and Analysis</i> , <b>2021</b> , 97, 103754	4.1	4
82	Source and risk assessment of heavy metals and microplastics in bivalves and coastal sediments of the Northern Persian Gulf, Hormogzan Province. <i>Environmental Research</i> , <b>2021</b> , 196, 110963	7.9	16
81	Arsenic in the rock-soil-plant system and related health risk in a magmatic-metamorphic belt, West of Iran. <i>Environmental Geochemistry and Health</i> , <b>2020</b> , 42, 3659-3673	4.7	5
80	Behaviour of neonicotinoids in contrasting soils. <i>Journal of Environmental Management</i> , <b>2020</b> , 276, 111329	7.9	9
79	Quantification of Neonicotinoid Pesticides in Six Cultivable Fish Species from the River Owena in Nigeria and a Template for Food Safety Assessment. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2422	3	0
78	Microbial Biomass Responses to Soil Drying-Rewetting and Phosphorus Leaching. <i>Frontiers in Environmental Science</i> , <b>2019</b> , 7,	4.8	9
77	A wastewater bacterium <i>Bacillus</i> sp. KUJM2 acts as an agent for remediation of potentially toxic elements and promoter of plant ( <i>Lens culinaris</i> ) growth. <i>Chemosphere</i> , <b>2019</b> , 232, 439-452	8.4	15
76	Driving forces and barriers in the removal of phosphorus from water using crop residue, wood and sewage sludge derived biochars. <i>Science of the Total Environment</i> , <b>2019</b> , 675, 623-631	10.2	27
75	Land inundation and cropping intensity influences on organic carbon in the agricultural soils of Bangladesh. <i>Catena</i> , <b>2019</b> , 178, 11-19	5.8	7
74	Teaching Green Analytical Chemistry on the Example of Bioindication and Biomonitoring (B & B) Technologies. <i>Green Chemistry and Sustainable Technology</i> , <b>2019</b> , 19-43	1.1	
73	Spatial (bio)accumulation of pharmaceuticals, illicit drugs, plasticisers, perfluorinated compounds and metabolites in river sediment, aquatic plants and benthic organisms. <i>Environmental Pollution</i> , <b>2018</b> , 234, 864-875	9.3	75
72	Riparian vegetation in the alpine connectome: Terrestrial-aquatic and terrestrial-terrestrial interactions. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 247-259	10.2	5
71	Spatial distribution of organic contaminants in three rivers of Southern England bound to suspended particulate material and dissolved in water. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 487-497	10.2	35
70	Occurrence, fate and transformation of emerging contaminants in water: An overarching review of the field. <i>Environmental Pollution</i> , <b>2017</b> , 231, 954-970	9.3	299
69	Trends in the recovery of phosphorus in bioavailable forms from wastewater. <i>Chemosphere</i> , <b>2017</b> , 186, 381-395	8.4	108

68	Ecotoxic pharmaceuticals, personal care products, and other emerging contaminants: A review of environmental, receptor-mediated, developmental, and epigenetic toxicity with discussion of proposed toxicity to humans. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2016</b> , 46, 336-381	11.1	104
67	A Multiscale Framework for Deconstructing the Ecosystem Physical Template of High-Altitude Lakes. <i>Ecosystems</i> , <b>2016</b> , 19, 1064-1079	3.9	10
66	Markers of anthropogenic contamination: A validated method for quantification of pharmaceuticals, illicit drug metabolites, perfluorinated compounds, and plasticisers in sewage treatment effluent and rain runoff. <i>Chemosphere</i> , <b>2016</b> , 159, 638-646	8.4	25
65	Small lakes in big landscape: Multi-scale drivers of littoral ecosystem in alpine lakes. <i>Science of the Total Environment</i> , <b>2016</b> , 551-552, 496-505	10.2	10
64	Climate change enhances the mobilisation of naturally occurring metals in high altitude environments. <i>Science of the Total Environment</i> , <b>2016</b> , 560-561, 73-81	10.2	15
63	Greenhouse gas emissions of waste management processes and options: A case study. <i>Waste Management and Research</i> , <b>2016</b> , 34, 658-65	4	10
62	Greenhouse gas emissions of imported and locally produced fruit and vegetable commodities: A quantitative assessment. <i>Environmental Science and Policy</i> , <b>2015</b> , 48, 32-43	6.2	36
61	Opportunities and challenges in the use of coal fly ash for soil improvements--a review. <i>Journal of Environmental Management</i> , <b>2014</b> , 145, 249-67	7.9	171
60	Stabilization of Sewage Sludge by Using Various By-products: Effects on Soil Properties, Biomass Production, and Bioavailability of Copper and Zinc. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	24
59	Sediment Contamination along Desert Wash Systems from Historic Mining Sites in a Hyperarid Region of Southern Nevada, USA. <i>Soil and Sediment Contamination</i> , <b>2013</b> , 22, 737-752	3.2	10
58	Mining Activities and Associated Environmental Impacts in Arid Climates: A Literature Review. <i>Environment and Pollution</i> , <b>2013</b> , 2,	1	14
57	Phosphorus species and fractionation--why sewage derived phosphorus is a problem. <i>Journal of Environmental Management</i> , <b>2011</b> , 92, 1210-4	7.9	15
56	Predatory aquatic beetles, suitable trace elements bioindicators. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 1308-15		22
55	Trace Elements: General Soil Chemistry, Principles and Processes <b>2010</b> , 9-37		26
54	The impact of treated sewage wastewater discharges on the phosphorus levels and hydrology of two second order rivers flowing into the Thames. <i>Journal of Environmental Monitoring</i> , <b>2010</b> , 12, 1307-14		6
53	Application of Chemical Speciation Modelling to Studies on Toxic Element Behaviour in Soils <b>2010</b> , 199-226		1
52	Assessing Bioavailability of Soil Trace Elements <b>2010</b> , 227-265		8
51	Bioavailability: Exposure, Dose and Risk Assessment <b>2010</b> , 267-292		

50 Regulatory Limits for Trace Elements in Soils **2010**, 293-309

49 Phytoremediation of Soil Trace Elements **2010**, 311-352

29

48 Trace Element Immobilization in Soil Using Amendments **2010**, 353-379

14

47 Arsenic and Antimony **2010**, 381-407

4

46 Cadmium and Zinc **2010**, 409-439

30

45 Copper and Lead **2010**, 441-460

6

44 Chromium, Nickel and Cobalt **2010**, 461-479

17

43 Manganese and Selenium **2010**, 481-495

7

42 Tin and Mercury **2010**, 497-513

0

41 Molybdenum, Silver, Thallium and Vanadium **2010**, 515-549

14

40 Gold and Uranium **2010**, 551-565

3

39 Platinum Group Elements **2010**, 567-577

38 Soil Sampling and Sample Preparation **2010**, 39-51

2

37 Analysis and Fractionation of Trace Elements in Soils **2010**, 53-80

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36 Fractionation and Speciation of Trace Elements in Soil Solution **2010**, 81-110

1

35 Trace Elements in Biosolids-Amended Soils **2010**, 111-133

1

34 Fertilizer-Borne Trace Element Contaminants in Soils **2010**, 135-154

10

33 Trace Metal Exposure and Effects on Soil-Dwelling Species and Their Communities **2010**, 155-174

1

32	Trace Element-Deficient Soils <b>2010</b> , 175-197		11
31	Modelling water pollution by leached soluble phosphorus, part 1: Calibration of the ANIMO model. <i>Biosystems Engineering</i> , <b>2010</b> , 106, 138-146	4.8	7
30	Trace metals and their source in the catchment of the high altitude Lake Respomuso, Central Pyrenees. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 3546-53	10.2	55
29	On the arsenic source mobilisation and its natural enrichment in the sediments of a high mountain cirque in the Pyrenees. <i>Journal of Environmental Monitoring</i> , <b>2009</b> , 11, 1973-81		8
28	Chapter 9 DGT measurements to predict metal bioavailability in soils. <i>Developments in Soil Science</i> , <b>2008</b> , 169-185	1.3	1
27	Farmyard point discharges and their influence on nutrient and labile carbon dynamics in a second order stream draining through a dairy unit. <i>Journal of Environmental Management</i> , <b>2008</b> , 87, 591-9	7.9	15
26	The plant availability of auto-cast platinum group elements. <i>Environmental Geochemistry and Health</i> , <b>2008</b> , 30, 135-9	4.7	28
25	The distribution of automobile catalysts-cast platinum, palladium and rhodium in soils adjacent to roads and their uptake by grass. <i>Science of the Total Environment</i> , <b>2007</b> , 384, 384-92	10.2	53
24	Modelling through-soil transport of phosphorus to surface waters from livestock agriculture at the field and catchment scale. <i>Science of the Total Environment</i> , <b>2005</b> , 344, 185-99	10.2	16
23	A Practical Examination of the Use of Geostatistics in the Remediation of a Site with a Complex Metal Contamination History. <i>Soil and Sediment Contamination</i> , <b>2005</b> , 14, 155-169	3.2	13
22	The potential impact of soil ingestion on human mineral nutrition. <i>Science of the Total Environment</i> , <b>2004</b> , 333, 75-87	10.2	63
21	The Potential Impact of Geophagia on the Bioavailability of Iron, Zinc and Calcium in Human Nutrition. <i>Environmental Geochemistry and Health</i> , <b>2002</b> , 24, 305-319	4.7	49
20	Parameterization of the MACRO model to represent leaching of colloiddally attached inorganic phosphorus following slurry spreading. <i>Soil Use and Management</i> , <b>2002</b> , 18, 61-67	3.1	30
19	Determination of Nitrate in Water Containing Dissolved Organic Carbon by Ultraviolet Spectroscopy. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2001</b> , 80, 49-59	1.8	45
18	Relating Soil Phosphorus Indices to Potential Phosphorus Release to Water. <i>Journal of Environmental Quality</i> , <b>2000</b> , 29, 1166-1171	3.4	200
17	Macroinvertebrates As Bioindicators of Water Pollution in Streams Draining Dairy Farming Catchments. <i>Chemistry and Ecology</i> , <b>2000</b> , 17, 17-30	2.3	15
16	A review of water quality concerns in livestock farming areas. <i>Science of the Total Environment</i> , <b>2000</b> , 250, 143-67	10.2	287
15	Measuring bioavailable trace metals by diffusive gradients in thin films (DGT): soil moisture effects on its performance in soils. <i>European Journal of Soil Science</i> , <b>1999</b> , 50, 285-294	3.4	95

14	Phosphorus Loss in Drainflow from Intensively Managed Grassland Soils. <i>Journal of Environmental Quality</i> , <b>1999</b> , 28, 1235-1242	3.4	90
13	Cadmium and lead sorption behaviour of selected English and Indian soils. <i>Geoderma</i> , <b>1998</b> , 84, 121-134	6.7	109
12	A comparative study of nitrate leaching from intensively managed monoculture grass and grass/lover pastures. <i>Journal of Agricultural Science</i> , <b>1998</b> , 131, 267-275	1	26
11	Streamwater nitrate concentrations in six agricultural catchments in Scotland. <i>Science of the Total Environment</i> , <b>1997</b> , 201, 63-78	10.2	16
10	Parameter selection and testing the soil water model SOIL. <i>Journal of Hydrology</i> , <b>1997</b> , 195, 312-334	6	47
9	Soil and land use effects on phosphorus in six streams draining small agricultural catchments in Scotland. <i>Soil Use and Management</i> , <b>1997</b> , 13, 196-204	3.1	26
8	Plant Availability of Heavy Metals in Soils Previously Amended with Heavy Applications of Sewage Sludge. <i>Journal of the Science of Food and Agriculture</i> , <b>1997</b> , 73, 446-454	4.3	123
7	The effect of liming on heavy metal concentrations in wheat, carrots and spinach grown on previously sludge-applied soils. <i>Journal of Agricultural Science</i> , <b>1996</b> , 127, 289-294	1	63
6	Changes in Operational Fractions of Trace Metals in Two Soils During Two-Years of Reaction Time Following Sewage Sludge Treatment. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1994</b> , 57, 289-311	1.8	28
5	The plant availability and DTPA extractability of trace metals in sludge-amended soils. <i>Science of the Total Environment</i> , <b>1994</b> , 149, 39-51	10.2	61
4	Sorption of Cd and Pb by selected temperate and semi-arid soils: effects of sludge application and ageing of sludged soils. <i>Water, Air, and Soil Pollution</i> , <b>1994</b> , 74, 235-250	2.6	34
3	Effects of time and temperature on the bioavailability of Cd and Pb from sludge-amended soils. <i>Journal of Soil Science</i> , <b>1993</b> , 44, 97-110		112
2	Riparian ecosystem in the alpine connectome. Terrestrial-aquatic and terrestrial-terrestrial interactions in high elevation lakes		2
1	TPH and PAHs in an oil-rich metropolis in SW Iran: Implication for source apportionment and human health. <i>Human and Ecological Risk Assessment (HERA)</i> , 1-21	4.9	