

Vinod Tare

List of Publications by Year in Descending Order

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Version: 2024-04-09

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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.

47 papers	1,667 citations	21 h-index	40 g-index
48 ext. papers	1,856 ext. citations	5.7 avg, IF	4.75 L-index

#	Paper	IF	Citations
47	River space: A hydro-bio-geomorphic framework for sustainable river-floodplain management. <i>Science of the Total Environment</i> , 2021 , 812, 151470	10.2	2
46	Usage of long-term river discharge data in water balance model for assessment of trends in basin storages. <i>Modeling Earth Systems and Environment</i> , 2021 , 7, 953-966	3.2	4
45	Spatio-temporal trends in the flow and water quality: response of river Yamuna to urbanization. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 117	3.1	6
44	Discussion of Water Quality Based Environmental Flow under Plausible Temperature and Pollution Scenarios by Shushobhit Chaudhary, C. T. Dhanya, Arun Kumar, and Rehana Shaik. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 07020003	1.8	1
43	A framework for the hydrological assessment of at-site bankfull discharge-width for (semi-) incised Ganga river in Middle Ganga plains. <i>Journal of Hydrology</i> , 2020 , 586, 124912	6	2
42	Estimating long-term LULC changes in an agriculture-dominated basin using CORONA (1970) and LISS IV (2013-14) satellite images: a case study of Ramganga River, India. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 217	3.1	10
41	Spatial-temporal assessment of water quality and assimilative capacity of river Ramganga, a tributary of Ganga using multivariate analysis and QUEL2K. <i>Journal of Cleaner Production</i> , 2019 , 222, 550-564	10.3	26
40	Eco-geomorphological approach for environmental flows assessment in monsoon-driven highland rivers: A case study of Upper Ganga, India. <i>Journal of Hydrology: Regional Studies</i> , 2017 , 13, 110-121	3.6	17
39	Four-year measurements of trace gases (SO ₂ , NO _x , CO, and O ₃) at an urban location, Kanpur, in Northern India. <i>Journal of Atmospheric Chemistry</i> , 2014 , 71, 283-301	3.2	95
38	Chemical Characterization of Summertime Dust Events at Kanpur: Insight into the Sources and Level of Mixing with Anthropogenic Emissions. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 879-891	4.6	38
37	Transformation and availability of nutrients and heavy metals during integrated composting-vermicomposting of sewage sludges. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 79, 214-224	7.224	78
36	Integrated composting-vermicomposting process for stabilization of human faecal slurry. <i>Ecological Engineering</i> , 2012 , 47, 24-29	3.9	30
35	Wastewater treatment by high-growth bioreactor integrated with settling-cum-membrane separation. <i>Desalination</i> , 2011 , 270, 233-240	10.3	5
34	Vermistabilization of primary sewage sludge. <i>Bioresource Technology</i> , 2011 , 102, 2812-20	11	103
33	Optimizing vermistabilization of waste activated sludge using vermicompost as bulking material. <i>Waste Management</i> , 2011 , 31, 502-11	8.6	52
32	Vermicomposting of source-separated human faeces by <i>Eisenia fetida</i> : effect of stocking density on feed consumption rate, growth characteristics and vermicompost production. <i>Waste Management</i> , 2011 , 31, 1162-8	8.6	27
31	Modification of Winkler's method for determination of dissolved oxygen concentration in small sample volumes. <i>Analytical Methods</i> , 2010 , 2, 1618	3.2	16

30	Vermicomposting of source-separated human faeces for nutrient recycling. <i>Waste Management</i> , 2010 , 30, 50-6	8.6	96
29	Variability of soil wetness and its relation with floods over the Indian subcontinent. <i>Canadian Journal of Remote Sensing</i> , 2009 , 35, 85-97	1.8	7
28	Optimal choice of wastewater treatment train by multi-objective optimization. <i>Engineering Optimization</i> , 2007 , 39, 125-145	2	9
27	Enhancement in mineralization of some natural refractory organic compounds by ozonation/aerobic biodegradation. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 115-127	3.5	6
26	Measurements of atmospheric parameters during Indian Space Research Organization Geosphere Biosphere Programme Land Campaign II at a typical location in the Ganga basin: 1. Physical and optical properties. <i>Journal of Geophysical Research</i> , 2006 , 111,		93
25	Measurements of atmospheric parameters during Indian Space Research Organization Geosphere Biosphere Program Land Campaign II at a typical location in the Ganga Basin: 2. Chemical properties. <i>Journal of Geophysical Research</i> , 2006 , 111,		78
24	Treatment of distillery spent-wash by ozonation and biodegradation: significance of pH reduction and inorganic carbon removal before ozonation. <i>Water Environment Research</i> , 2006 , 78, 994-1004	2.8	7
23	Extent of oxidation of Cr(III) to Cr(VI) under various conditions pertaining to natural environment. <i>Journal of Hazardous Materials</i> , 2006 , 128, 164-74	12.8	127
22	Mineralization of some natural refractory organic compounds by biodegradation and ozonation. <i>Water Research</i> , 2005 , 39, 1921-33	12.5	50
21	Enhanced layer of black carbon in a north Indian industrial city. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	37
20	Oxidation of Cr(III) in tannery sludge to Cr(VI): field observations and theoretical assessment. <i>Journal of Hazardous Materials</i> , 2005 , 121, 215-22	12.8	107
19	Effect of micro-nutrients in anaerobic degradation of sulfate laden organics. <i>Canadian Journal of Civil Engineering</i> , 2004 , 31, 420-431	1.3	7
18	Variability of aerosol parameters over Kanpur, northern India. <i>Journal of Geophysical Research</i> , 2004 , 109,		304
17	Influence of nutrients on biomass evolution in an upflow anaerobic sludge blanket reactor degrading sulfate-laden organics. <i>Water Environment Research</i> , 2004 , 76, 2620-7	2.8	
16	Suggestions for a Modified Approach Towards Implementation and Assessment of Ganga Action Plan and Other Similar River Action Plans in India. <i>Water Quality Research Journal of Canada</i> , 2003 , 38, 607-626	1.7	11
15	Course of river Ganga over a century near Kanpur city based on remote sensing data 2003 , 31, 1-2		6
14	Analysis of photosynthetic activity in the most polluted stretch of river Ganga. <i>Water Research</i> , 2003 , 37, 67-77	12.5	29
13	Case studies on biological treatment of tannery effluents in India. <i>Journal of the Air and Waste Management Association</i> , 2003 , 53, 976-82	2.4	54

12	Application of neural network for simulation of upflow anaerobic sludge blanket (UASB) reactor performance. <i>Biotechnology and Bioengineering</i> , 2002 , 77, 806-14	4.9	18
11	Heavy metalSoluble starch xanthate interactions in aqueous environments. <i>Journal of Applied Polymer Science</i> , 1999 , 71, 1325-1332	2.9	22
10	Methanogenic activity and performance of UASB, DSFF and USFF reactors. <i>Water Science and Technology</i> , 1996 , 34, 483-487	2.2	6
9	An intergrated expression for settling velocity of particles in water. <i>Water Research</i> , 1993 , 27, 1393-1394	12.5	1
8	Application of starch xanthates for cadmium removal: A comparative evaluation. <i>Journal of Applied Polymer Science</i> , 1991 , 42, 317-324	2.9	32
7	Anaerobic-aerobic treatment of distillery wastes. <i>Water, Air, and Soil Pollution</i> , 1989 , 43, 95-108	2.6	6
6	Optimal design of single and multiple stage activated sludge processes. <i>Water, Air, and Soil Pollution</i> , 1988 , 42, 67	2.6	
5	Evaluation of soluble and insoluble xanthate process for the removal of heavy metals from wastewaters. <i>Water Research</i> , 1987 , 21, 1109-1118	12.5	22
4	New conceptual formulation for predicting filter performance. <i>Environmental Science & Technology</i> , 1985 , 19, 497-9	10.3	8
3	Application of ion exchangers to recovery of metals from semiconductor wastes. <i>Reactive Polymers, Ion Exchangers, Sorbents</i> , 1984 , 2, 61-70		6
2	Wastewater Treatment by Soils: Role of Particle-Size Distribution. <i>Journal of Environmental Quality</i> , 1982 , 11, 596-602	3.4	4
1	Assessment of irrigation requirement and scheduling under canal command area of Upper Ganga Canal using CropWat model. <i>Modeling Earth Systems and Environment</i> , ¹	3.2	2