Vinod Tare

List of Publications by Citations

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	Variability of aerosol parameters over Kanpur, northern India. *Journal of Geophysical Research*, **2004** , 109,		304
46	Extent of oxidation of Cr(III) to Cr(VI) under various conditions pertaining to natural environment. *Journal of Hazardous Materials*, **2006**, 128, 164-74	12.8	127
45	Oxidation of Cr(III) in tannery sludge to Cr(VI): field observations and theoretical assessment. *Journal of Hazardous Materials*, **2005**, 121, 215-22	12.8	107
44	Vermistabilization of primary sewage sludge. *Bioresource Technology*, **2011**, 102, 2812-20	11	103
43	Vermicomposting of source-separated human faeces for nutrient recycling. *Waste Management*, **2010**, 30, 50-6	8.6	96
42	Four-year measurements of trace gases (SO2, NOx, CO, and O3) at an urban location, Kanpur, in Northern India. *Journal of Atmospheric Chemistry*, **2014**, 71, 283-301	3.2	95
41	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. *Journal of Geophysical Research*, **2006**, 111,		93
40	Transformation and availability of nutrients and heavy metals during integrated composting-vermicomposting of sewage sludges. *Ecotoxicology and Environmental Safety*, **2012**, 79, 214-224	7	78
39	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. *Journal of Geophysical Research*, **2006**, 111,		78
38	Case studies on biological treatment of tannery effluents in India. *Journal of the Air and Waste Management Association*, **2003**, 53, 976-82	2.4	54
37	Optimizing vermistabilization of waste activated sludge using vermicompost as bulking material. *Waste Management*, **2011**, 31, 502-11	8.6	52
36	Mineralization of some natural refractory organic compounds by biodegradation and ozonation. *Water Research*, **2005**, 39, 1921-33	12.5	50
35	Chemical Characterization of Summertime Dust Events at Kanpur: Insight into the Sources and Level of Mixing with Anthropogenic Emissions. *Aerosol and Air Quality Research*, **2014**, 14, 879-891	4.6	38
34	Enhanced layer of black carbon in a north Indian industrial city. *Geophysical Research Letters*, **2005**, 32, n/a-n/a	4.9	37
33	Application of starch xanthates for cadmium removal: A comparative evaluation. *Journal of Applied Polymer Science*, **1991**, 42, 317-324	2.9	32
32	Integrated composting–vermicomposting process for stabilization of human faecal slurry. *Ecological Engineering*, **2012**, 47, 24-29	3.9	30
31	Analysis of photosynthetic activity in the most polluted stretch of river Ganga. *Water Research*, **2003**, 37, 67-77	12.5	29

30	Vermicomposting of source-separated human faeces by Eisenia fetida: effect of stocking density on feed consumption rate, growth characteristics and vermicompost production. *Waste Management*, **2011**, 31, 1162-8	8.6	27
29	Spatial-temporal assessment of water quality and assimilative capacity of river Ramganga, a tributary of Ganga using multivariate analysis and QUEL2K. *Journal of Cleaner Production*, **2019**, 222, 550-564	10.3	26
28	Heavy metal–soluble starch xanthate interactions in aqueous environments. *Journal of Applied Polymer Science*, **1999**, 71, 1325-1332	2.9	22
27	Evaluation of soluble and insoluble xanthate process for the removal of heavy metals from wastewaters. *Water Research*, **1987**, 21, 1109-1118	12.5	22
26	Application of neural network for simulation of upflow anaerobic sludge blanket (UASB) reactor performance. *Biotechnology and Bioengineering*, **2002**, 77, 806-14	4.9	18
25	Eco-geomorphological approach for environmental flows assessment in monsoon-driven highland rivers: A case study of Upper Ganga, India. *Journal of Hydrology: Regional Studies*, **2017**, 13, 110-121	3.6	17
24	Modification of Winkler's method for determination of dissolved oxygen concentration in small sample volumes. *Analytical Methods*, **2010**, 2, 1618	3.2	16
23	Suggestions for a Modified Approach Towards Implementation and Assessment of Ganga Action Plan and Other Similar River Action Plans in India. *Water Quality Research Journal of Canada*, **2003**, 38, 607-626	1.7	11
22	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. *Environmental Monitoring and Assessment*, **2019**, 191, 217	3.1	10
21	Optimal choice of wastewater treatment train by multi-objective optimization. *Engineering Optimization*, **2007**, 39, 125-145	2	9
20	New conceptual formulation for predicting filter performance. *Environmental Science & Technology*, **1985**, 19, 497-9	10.3	8
19	Variability of soil wetness and its relation with floods over the Indian subcontinent. *Canadian Journal of Remote Sensing*, **2009**, 35, 85-97	1.8	7
18	Treatment of distillery spent-wash by ozonation and biodegradation: significance of pH reduction and inorganic carbon removal before ozonation. *Water Environment Research*, **2006**, 78, 994-1004	2.8	7
17	Effect of micro-nutrients in anaerobic degradation of sulfate laden organics. *Canadian Journal of Civil Engineering*, **2004**, 31, 420-431	1.3	7
16	Enhancement in mineralization of some natural refractory organic compounds by ozonation–aerobic biodegradation. *Journal of Chemical Technology and Biotechnology*, **2006**, 81, 115-127	3.5	6
15	Course of river Ganga over a century near Kanpur city based on remote sensing data **2003**, 31, 1-2		6
14	Anaerobic-aerobic treatment of distillery wastes. *Water, Air, and Soil Pollution*, **1989**, 43, 95-108	2.6	6
13	Application of ion exchangers to recovery of metals from semiconductor wastes. *Reactive Polymers, Ion Exchangers, Sorbents*, **1984**, 2, 61-70		6

12	Methanogenic activity and performance of UASB, DSFF and USFF reactors. *Water Science and Technology*, **1996**, 34, 483-487	2.2	6
11	Spatio-temporal trends in the flow and water quality: response of river Yamuna to urbanization. *Environmental Monitoring and Assessment*, **2021**, 193, 117	3.1	6
10	Wastewater treatment by high-growth bioreactor integrated with settling-cum-membrane separation. *Desalination*, **2011**, 270, 233-240	10.3	5
9	Wastewater Treatment by Soils: Role of Particle-Size Distribution. *Journal of Environmental Quality*, **1982**, 11, 596-602	3.4	4
8	Usage of long-term river discharge data in water balance model for assessment of trends in basin storages. *Modeling Earth Systems and Environment*, **2021**, 7, 953-966	3.2	4
7	A framework for the hydrological assessment of at-site bankfull discharge-width for (semi-) incised Ganga river in Middle Ganga plains. *Journal of Hydrology*, **2020**, 586, 124912	6	2
6	River space: A hydro-bio-geomorphic framework for sustainable river-floodplain management. *Science of the Total Environment*, **2021**, 812, 151470	10.2	2
5	Assessment of irrigation requirement and scheduling under canal command area of Upper Ganga Canal using CropWat model. *Modeling Earth Systems and Environment*,1	3.2	2
4	Discussion of Water Quality Based Environmental Flow under Plausible Temperature and Pollution Scenarios by Shushobhit Chaudhary, C. T. Dhanya, Arun Kumar, and Rehana Shaik. *Journal of Hydrologic Engineering - ASCE*, **2020**, 25, 07020003	1.8	1
3	An intergrated expression for settling velocity of particles in water. *Water Research*, **1993**, 27, 1393-1394	12.5	1
2	Optimal design of single and multiple stage activated sludge processes. *Water, Air, and Soil Pollution*, **1988**, 42, 67	2.6	
1	Influence of nutrients on biomass evolution in an upflow anaerobic sludge blanket reactor degrading sulfate-laden organics. *Water Environment Research*, **2004**, 76, 2620-7	2.8	