

# Amrita Malik

## List of Publications by Year in descending order

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43  
papers

5,180  
citations

186209

28  
h-index

254106

43  
g-index

43  
all docs

43  
docs citations

43  
times ranked

5169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of Gomti River (India)â€”a case study. <i>Water Research</i> , 2004, 38, 3980-3992.	5.3	1,239
2	Water quality assessment and apportionment of pollution sources of Gomti river (India) using multivariate statistical techniquesâ€”a case study. <i>Analytica Chimica Acta</i> , 2005, 538, 355-374.	2.6	717
3	Studies on distribution and fractionation of heavy metals in Gomti river sedimentsâ€”a tributary of the Ganges, India. <i>Journal of Hydrology</i> , 2005, 312, 14-27.	2.3	541
4	Artificial neural network modeling of the river water qualityâ€”A case study. <i>Ecological Modelling</i> , 2009, 220, 888-895.	1.2	516
5	Estimation of Source of Heavy Metal Contamination in Sediments of Gomti River (India) using Principal Component Analysis. <i>Water, Air, and Soil Pollution</i> , 2005, 166, 321-341.	1.1	174
6	Liquid-phase adsorption of phenols using activated carbons derived from agricultural waste material. <i>Journal of Hazardous Materials</i> , 2008, 150, 626-641.	6.5	172
7	Distribution of polycyclic aromatic hydrocarbons in water and bed sediments of the Gomti River, India. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 529-545.	1.3	163
8	JNK pathway signaling: a novel and smarter therapeutic targets for various biological diseases. <i>Future Medicinal Chemistry</i> , 2015, 7, 2065-2086.	1.1	153
9	Chemometric analysis of groundwater quality data of alluvial aquifer of Gangetic plain, North India. <i>Analytica Chimica Acta</i> , 2005, 550, 82-91.	2.6	141
10	Levels and distribution of persistent organochlorine pesticide residues in water and sediments of Gomti River (India)â€”a tributary of the Ganges River. <i>Environmental Monitoring and Assessment</i> , 2009, 148, 421-435.	1.3	126
11	Persistent Organochlorine Pesticide Residues in Soil and Surface Water of Northern Indo-Gangetic Alluvial Plains. <i>Environmental Monitoring and Assessment</i> , 2007, 125, 147-155.	1.3	107
12	Linear and nonlinear modeling for simultaneous prediction of dissolved oxygen and biochemical oxygen demand of the surface water â€” A case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010, 104, 172-180.	1.8	88
13	Chemometric data analysis of pollutants in wastewaterâ€”a case study. <i>Analytica Chimica Acta</i> , 2005, 532, 15-25.	2.6	86
14	Evaluation of Groundwater Quality in Northern Indo-Gangetic Alluvium Region. <i>Environmental Monitoring and Assessment</i> , 2006, 112, 211-230.	1.3	80
15	Receptor modeling for source apportionment of polycyclic aromatic hydrocarbons in urban atmosphere. <i>Environmental Monitoring and Assessment</i> , 2007, 136, 183-196.	1.3	71
16	Modeling the performance of â€œup-flow anaerobic sludge blanketâ€”reactor based wastewater treatment plant using linear and nonlinear approachesâ€”A case study. <i>Analytica Chimica Acta</i> , 2010, 658, 1-11.	2.6	61
17	Distribution of Persistent Organochlorine Pesticide Residues in Gomti River, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 146-154.	1.3	58
18	Partial least squares and artificial neural networks modeling for predicting chlorophenol removal from aqueous solution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 99, 150-160.	1.8	54

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19	Persistent Organochlorine Pesticide Residues in Alluvial Groundwater Aquifers of Gangetic Plains, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 162-169.	1.3	45
20	Hydrochemistry of Wet Atmospheric Precipitation Over an Urban Area in Northern Indo-Gangetic Plains. <i>Environmental Monitoring and Assessment</i> , 2007, 131, 237-254.	1.3	42
21	Distribution of Polycyclic Aromatic Hydrocarbons in Gomti River System, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 1211-8.	1.3	39
22	Extension and application of multivariate curve resolution-alternating least squares to four-way quadrilinear data-obtained in the investigation of pollution patterns on Yamuna River, India—a case study. <i>Analytica Chimica Acta</i> , 2013, 794, 20-28.	2.6	39
23	Multi-way partial least squares modeling of water quality data. <i>Analytica Chimica Acta</i> , 2007, 584, 385-396.	2.6	37
24	Multi-way data analysis of soils irrigated with wastewater—a case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 83, 1-12.	1.8	34
25	Distribution of nitrogen species in groundwater aquifers of an industrial area in alluvial Indo-Gangetic Plains—a case study. <i>Environmental Geochemistry and Health</i> , 2006, 28, 473-485.	1.8	33
26	Residues of Organochlorine Pesticides in Fish from the Gomti River, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 335-340.	1.3	33
27	Distribution of Polycyclic Aromatic Hydrocarbons in Edible Fish from Gomti River, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 134-138.	1.3	32
28	Iron-induced oxidative stress in a macrophyte: A chemometric approach. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 585-595.	2.9	32
29	Multivariate modeling of chromium-induced oxidative stress and biochemical changes in plants of <i>Pistia stratiotes</i> L.. <i>Ecotoxicology</i> , 2009, 18, 555-566.	1.1	28
30	Multi-way modeling of hydro-chemical data of an alluvial river system—a case study. <i>Analytica Chimica Acta</i> , 2006, 571, 248-259.	2.6	26
31	chemometric analysis of hydro-chemical data of an alluvial river—a case study. <i>Water, Air, and Soil Pollution</i> , 2006, 170, 383-404.	1.1	26
32	Exploring the interaction between O <sub>3</sub> and NO <sub>x</sub> pollution patterns in the atmosphere of Barcelona, Spain using the MCR-ALS method. <i>Science of the Total Environment</i> , 2015, 517, 151-161.	3.9	26
33	Occurrence and Distribution of Persistent Trace Organics in Rainwater in an Urban Region (India). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 639-645.	1.3	24
34	Performance and validation of MCR-ALS with quadrilinear constraint in the analysis of noisy datasets. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 135, 223-234.	1.8	22
35	Multi-way data modeling of heavy metal fractionation in sediments from Gomti River (India). <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 87, 185-193.	1.8	20
36	Multi-way modeling of wastewater data for performance evaluation of sewage treatment plant—a case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 95, 18-30.	1.8	17

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37	Exploring groundwater hydrochemistry of alluvial aquifers using multi-way modeling. <i>Analytica Chimica Acta</i> , 2007, 596, 171-182.	2.6	15
38	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , 2015, 503-504, 200-212.	3.9	15
39	Multivariate Curve Resolution: A Different Way To Examine Chemical Data. <i>ACS Symposium Series</i> , 2015, , 95-128.	0.5	14
40	Vertical characterization of soil contamination using multi-way modeling “ A case study. <i>Environmental Monitoring and Assessment</i> , 2008, 146, 19-32.	1.3	10
41	Chemometrics assisted spectrophotometric determination of pyridine in water and wastewater. <i>Analytica Chimica Acta</i> , 2008, 630, 10-18.	2.6	10
42	Multi-Block Data Modeling for Characterization of Soil Contamination: A Case Study. <i>Water, Air, and Soil Pollution</i> , 2007, 185, 79-93.	1.1	8
43	Exploring the disruptive effects of TBT on lipid homeostasis of <i>Daphnia magna</i> using chemometric methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 159, 58-68.	1.8	6