

Amrita Malik

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.

43
papers

4,154
citations

26
h-index

43
g-index

43
ext. papers

4,602
ext. citations

4.7
avg, IF

5.27
L-index

#	Paper	IF	Citations
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	3.8	4
42	Exploring the interaction between O ₃ and NO _x pollution patterns in the atmosphere of Barcelona, Spain using the MCR-ALS method. <i>Science of the Total Environment</i> , 2015 , 517, 151-61	10.2	17
41	Multivariate Curve Resolution: A Different Way To Examine Chemical Data. <i>ACS Symposium Series</i> , 2015 , 95-128	0.4	11
40	JNK pathway signaling: a novel and smarter therapeutic targets for various biological diseases. <i>Future Medicinal Chemistry</i> , 2015 , 7, 2065-86	4.1	92
39	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, 200-12	10.2	12
38	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	3.8	17
37	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, 20-8	6.6	34
36	Distribution of polycyclic aromatic hydrocarbons in water and bed sediments of the Gomti River, India. <i>Environmental Monitoring and Assessment</i> , 2011 , 172, 529-45	3.1	139
35	Modeling the performance of "up-flow anaerobic sludge blanket" reactor based wastewater treatment plant using linear and nonlinear approaches--a case study. <i>Analytica Chimica Acta</i> , 2010 , 658, 1-11	6.6	54
34	Linear and nonlinear modeling for simultaneous prediction of dissolved oxygen and biochemical oxygen demand of the surface water --A case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010 , 104, 172-180	3.8	69
33	Artificial neural network modeling of the river water quality--A case study. <i>Ecological Modelling</i> , 2009 , 220, 888-895	3	388
32	Multivariate modeling of chromium-induced oxidative stress and biochemical changes in plants of <i>Pistia stratiotes</i> L. <i>Ecotoxicology</i> , 2009 , 18, 555-66	2.9	21
31	Levels and distribution of persistent organochlorine pesticide residues in water and sediments of Gomti River (India)--a tributary of the Ganges River. <i>Environmental Monitoring and Assessment</i> , 2009 , 148, 421-35	3.1	97
30	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	3.8	12
29	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	3.8	50
28	Iron-induced oxidative stress in a macrophyte: a chemometric approach. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 585-95	7	29
27	Receptor modeling for source apportionment of polycyclic aromatic hydrocarbons in urban atmosphere. <i>Environmental Monitoring and Assessment</i> , 2008 , 136, 183-96	3.1	59

26	Vertical characterization of soil contamination using multi-way modeling--a case study. <i>Environmental Monitoring and Assessment</i> , 2008 , 146, 19-32	3.1	9
25	Distribution of polycyclic aromatic hydrocarbons in edible fish from Gomti river, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008 , 80, 134-8	2.7	24
24	Liquid-phase adsorption of phenols using activated carbons derived from agricultural waste material. <i>Journal of Hazardous Materials</i> , 2008 , 150, 626-41	12.8	154
23	Chemometrics assisted spectrophotometric determination of pyridine in water and wastewater. <i>Analytica Chimica Acta</i> , 2008 , 630, 10-8	6.6	8
22	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	3.8	18
21	Multi-way partial least squares modeling of water quality data. <i>Analytica Chimica Acta</i> , 2007 , 584, 385-966.6		31
20	Exploring groundwater hydrochemistry of alluvial aquifers using multi-way modeling. <i>Analytica Chimica Acta</i> , 2007 , 596, 171-82	6.6	14
19	Residues of organochlorine pesticides in fish from the Gomti river, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 78, 335-40	2.7	24
18	Occurrence and distribution of persistent trace organics in rainwater in an urban region (India). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007 , 79, 639-45	2.7	22
17	Multi-Block Data Modeling for Characterization of Soil Contamination: A Case Study. <i>Water, Air, and Soil Pollution</i> , 2007 , 185, 79-93	2.6	8
16	Persistent organochlorine pesticide residues in soil and surface water of northern Indo-Gangetic alluvial plains. <i>Environmental Monitoring and Assessment</i> , 2007 , 125, 147-55	3.1	85
15	Hydrochemistry of wet atmospheric precipitation over an urban area in northern indo-gangetic plains. <i>Environmental Monitoring and Assessment</i> , 2007 , 131, 237-54	3.1	35
14	Multi-way modeling of hydro-chemical data of an alluvial river system--a case study. <i>Analytica Chimica Acta</i> , 2006 , 571, 248-59	6.6	23
13	Multi-way data analysis of soils irrigated with wastewater--a case study. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006 , 83, 1-12	3.8	32
12	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, 473-85	4.7	26
11	Evaluation of groundwater quality in northern Indo-Gangetic alluvium region. <i>Environmental Monitoring and Assessment</i> , 2006 , 112, 211-30	3.1	66
10	chemometric analysis of hydro-chemical data of an alluvial river --a case study. <i>Water, Air, and Soil Pollution</i> , 2006 , 170, 383-404	2.6	22
9	Studies on distribution and fractionation of heavy metals in Gomti river sediments--a tributary of the Ganges, India. <i>Journal of Hydrology</i> , 2005 , 312, 14-27	6	432

8	Chemometric data analysis of pollutants in wastewater— case study. <i>Analytica Chimica Acta</i> , 2005 , 532, 15-25	6.6	76
7	Water quality assessment and apportionment of pollution sources of Gomti river (India) using multivariate statistical techniques— case study. <i>Analytica Chimica Acta</i> , 2005 , 538, 355-374	6.6	588
6	Chemometric analysis of groundwater quality data of alluvial aquifer of Gangetic plain, North India. <i>Analytica Chimica Acta</i> , 2005 , 550, 82-91	6.6	124
5	Distribution of persistent organochlorine pesticide residues in Gomti River, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 146-54	2.7	53
4	Persistent organochlorine pesticide residues in alluvial groundwater aquifers of Gangetic Plains, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 162-9	2.7	35
3	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	2.6	118
2	Distribution of polycyclic aromatic hydrocarbons in Gomti river system, India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004 , 72, 1211-8	2.7	36
1	Multivariate statistical techniques for the evaluation of spatial and temporal variations in water quality of Gomti River (India)—a case study. <i>Water Research</i> , 2004 , 38, 3980-92	12.5	986