Bhola Ram Gurjar

List of Publications by Year
in descending order

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76 papers	3,385 citations	218677 26 h-index	149698 56 g-index
80 all docs	80 docs citations	80 times ranked	3557 citing authors

#	Article	IF	Citations
1	Assessment of the effect of the judicial prohibition on firecracker celebration at the Diwali festival on air quality in Delhi, India. Environmental Science and Pollution Research, 2022, 29, 86247-86259.	5.3	7
2	Fireworks induced quasi-ultrafine particle number concentration and size-resolved elemental distribution in megacity Delhi. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	4
3	Ultrafine particle number concentration and its size distribution during Diwali festival in megacity Delhi, India: Are â€˜green crackersâ€™ safe?. Journal of Environmental Management, 2022, 317, 115459.	7.8	5
4	Regional pollution loading in winter months over India using high resolution WRF-Chem simulation. Atmospheric Research, 2021, 249, 105326.	4.1	24
5	Spatio-temporal variations of indoor air quality in a university library. International Journal of Environmental Health Research, 2021, 31, 475-490.	2.7	19
6	Contribution of different source sectors and source regions of Indo-Gangetic Plain in India to PM2.5 pollution and its short-term health impacts during peak polluted winter. Atmospheric Pollution Research, 2021, 12, 89-100.	3.8	22
7	Seasonal analysis of submicron aerosol in Old Delhi using high-resolution aerosol mass spectrometry: chemical characterisation, source apportionment and new marker identification. Atmospheric Chemistry and Physics, 2021, 21, 10133-10158.	4.9	15
8	Aerosol number concentrations and new particle formation events over a polluted megacity during the COVID-19 lockdown. Atmospheric Environment, 2021, 259, 118526.	4.1	12
9	An integrated approach for phycoremediation of municipal wastewater and production of sustainable transportation fuel using oleaginous Chlorella sp.. Journal of Water Process Engineering, 2021, 42, 102183.	5.6	17
10	Characterization of dye-decolorizing peroxidase from Bacillus subtilis. Archives of Biochemistry and Biophysics, 2020, 693, 108590.	3.0	61
11	Spatial and seasonal variation of air quality in different microenvironments of a technical university in India. Building and Environment, 2020, 185, 107310.	6.9	21
12	Functional efficiency in airport terminals: A review on Overall and Stratified Service Quality. Journal of Air Transport Management, 2020, 87, 101837.	4.5	12
13	A new perspective of probing the level of pollution in the megacity Delhi affected by crop residue burning using the triple oxygen isotope technique in atmospheric CO2. Environmental Pollution, 2020, 263, 114542.	7.5	14
14	Response of groundwater contamination hazard rating systems to variations in subsoil conditions beneath municipal solid waste (MSW) dumps in developing countries. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	1
15	Stack emissions and health risk integrated (SEHRI) model: a tool for stack emissions and health risk modeling. Air Quality, Atmosphere and Health, 2019, 12, 1483-1493.	3.3	2
16	Low-Cost Sensors for Air Quality Monitoring in Developing Countries â€“ A Critical View. Asian Journal of Water, Environment and Pollution, 2019, 16, 65-70.	0.5	12
17	A novel approach using low-cost Citrus limetta waste for mixotrophic cultivation of oleaginous microalgae to augment automotive quality biodiesel production. Environmental Science and Pollution Research, 2019, 26, 16115-16124.	5.3	13
18	Ultrafine Particles in Concern of Vehicular Exhaustâ€”An Overview. Energy, Environment, and Sustainability, 2019, , 7-38.	1.0	2

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19	Improved Rating System for Hazard Assessment Related to Subsurface Migration of Landfill Gas from Municipal Solid Waste Landfills and Dumps. Journal of Hazardous, Toxic, and Radioactive Waste, 2018, 22, 04018003.	2.0	1
20	Utilization of de-oiled algal biomass for enhancing vehicular quality biodiesel production from Chlorella sp. in mixotrophic cultivation systems. Renewable Energy, 2018, 122, 80-88.	8.9	31
21	South Asian Perspective: A Case of Urban Air Pollution and Potential for Climate Co-benefits in India. Exploring Urban Change in South Asia, 2018, , 77-98.	1.0	6
22	Water Pollution, Human Health and Remediation. Energy, Environment, and Sustainability, 2018, , 11-27.	1.0	51
23	Role of Different Feedstocks on the Butanol Production Through Microbial and Catalytic Routes. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	5
24	Assessment of GHG mitigation and CDM technology in urban transport sector of Chandigarh, India. Environmental Science and Pollution Research, 2018, 25, 363-374.	5.3	17
25	Seasonal progression of atmospheric particulate matter over an urban coastal region in peninsular India: Role of local meteorology and long-range transport. Atmospheric Research, 2018, 199, 145-158.	4.1	39
26	Pollution Exposure to Humans and Its Assessment. Advances in Environmental Engineering and Green Technologies Book Series, 2018, , 93-121.	0.4	0
27	Uncertainties in emissions estimates of greenhouse gases and air pollutants in India and their impacts on regional air quality. Environmental Research Letters, 2017, 12, 065002.	5.2	38
28	Heterotrophic cultivation of microalgae in photobioreactor using low cost crude glycerol for enhanced biodiesel production. Renewable Energy, 2017, 113, 1359-1365.	8.9	45
29	Microalgae: An emerging source of energy based bio-products and a solution for environmental issues. Renewable and Sustainable Energy Reviews, 2017, 72, 1083-1093.	16.4	106
30	Assessment of Reactive Nitrogen Emissions From Indian Transport Sector. , 2017, , 469-481.		3
31	Emissions of Reactive Nitrogen From Energy and Industry Sectors in India. , 2017, , 483-488.		0
32	Closure to â€œPotential Assessment of Neural Network and Decision Tree Algorithms for Forecasting Ambient PM2.5 and CO Concentrations: Case Studyâ€•by Chandrra Sekar, B. R. Gurjar, C. S. P. Ojha, and Manish Kumar Goyal. Journal of Hazardous, Toxic, and Radioactive Waste, 2017, 21, 07017002.	2.0	0
33	Biofuels and Their Production Through Different Catalytic Routes. Chemical and Biochemical Engineering Quarterly, 2017, 31, 47-62.	0.9	13
34	Structural, Functional and Evolutionary Aspects of Seed Globulins. Protein and Peptide Letters, 2017, 24, 267-277.	0.9	15
35	Purification and Characterization of 2S Albumin from Seeds of Wrightia tinctoria Exhibiting Antibacterial and DNase Activity. Protein and Peptide Letters, 2017, 24, 368-378.	0.9	12
36	Special Issue on Hazardous and Toxic Pollutants in the Air. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	0

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37	Air pollution trends over Indian megacities and their local-to-global implications. Atmospheric Environment, 2016, 142, 475-495.	4.1	265
38	Treatment of pyridine-bearing wastewater by Nano Zero-valent iron supported on activated carbon derived from agricultural waste. Desalination and Water Treatment, 2016, 57, 6250-6260.	1.0	16
39	Estimation of exhaust and non-exhaust gaseous, particulate matter and air toxics emissions from on-road vehicles in Delhi. Atmospheric Environment, 2016, 127, 118-124.	4.1	93
40	Oxidative Degradation of Quinoline Using Nanoscale Zero-Valent Iron Supported by Granular Activated Carbon. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	20
41	Modeling and Prediction of Hourly Ambient Ozone (O3) and Oxides of Nitrogen (NOx) Concentrations Using Artificial Neural Network and Decision Tree Algorithms for an Urban Intersection in India. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	5
42	Potential Assessment of Neural Network and Decision Tree Algorithms for Forecasting Ambient PM2.5 and CO Concentrations: Case Study. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	11
43	Individual and Societal Risk Assessment for a Petroleum Oil Storage Terminal. Journal of Hazardous, Toxic, and Radioactive Waste, 2015, 19, .	2.0	8
44	Gaseous emissions from agricultural activities and wetlands in national capital territory of Delhi. Ecological Engineering, 2015, 75, 123-127.	3.6	10
45	Automation of emergency response for petroleum oil storage terminals. Safety Science, 2015, 72, 262-273.	4.9	22
46	Human health risks in national capital territory of Delhi due to air pollution. Atmospheric Pollution Research, 2014, 5, 371-380.	3.8	59
47	Seasonal trends, meteorological impacts, and associated health risks with atmospheric concentrations of gaseous pollutants at an Indian coastal city. Environmental Science and Pollution Research, 2014, 21, 11418-11432.	5.3	26
48	nFe0/GAC-mediated advanced catalytic per-oxidation for pharmaceutical wastewater treatment. Journal of Environmental Chemical Engineering, 2014, 2, 1996-2004.	6.7	11
49	Removal of Pathogens by River Bank Filtration at Haridwar, India. Hydrological Processes, 2013, 27, 1535-1542.	2.6	13
50	Formulation, application and evaluation of a stack emission model for coal-based power stations. International Journal of Environmental Science and Technology, 2013, 10, 1235-1244.	3.5	6
51	Assessment of urban heat island effect for different land useâ€“land cover from micrometeorological measurements and remote sensing data for megacity Delhi. Theoretical and Applied Climatology, 2013, 112, 647-658.	2.8	95
52	New Directions: Can a â€œblue skyâ€•return to Indian megacities?. Atmospheric Environment, 2013, 71, 198-201.	4.1	91
53	Traffic induced emission estimates and trends (2000â€“2005) in megacity Delhi. Urban Climate, 2013, 4, 61-73.	5.7	50
54	Greenhouse Gas Emissions Reductions from In-Situ Aeration in a Landfill: A Multi-Parameter Sensitivity Analysis Approach. Journal of Environmental Informatics, 2013, , 78-91.	6.0	3

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55	Special Issue on Toxics and Pathogens in the Environment. Journal of Hazardous, Toxic, and Radioactive Waste, 2012, 16, 94-95.	2.0	0
56	PM10 and Heavy Metals in Suburban and Rural Atmospheric Environments of Northern India. Journal of Hazardous, Toxic, and Radioactive Waste, 2012, 16, 175-182.	2.0	12
57	Role of meteorology in seasonality of air pollution in megacity Delhi, India. Environmental Monitoring and Assessment, 2012, 184, 3199-3211.	2.7	146
58	Development and evaluation of Vehicular Air Pollution Inventory model. Atmospheric Environment, 2012, 59, 160-169.	4.1	49
59	Preliminary Estimates of Nanoparticle Number Emissions from Road Vehicles in Megacity Delhi and Associated Health Impacts. Environmental Science & Technology, 2011, 45, 5514-5521.	10.0	97
60	STUDY ON STRUCTURE OF SURFACE AIR TEMPERATURE DISTRIBUTION AND POTENTIAL OF HEAT ISLAND COUNTERMEASURES IN DELHI UNDER DRY CLIMATE. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2011, 67, II_315-II_326.	0.1	0
61	Impact of CNG on emissions of PAHs and PCDDs/Fs from the road transport in Delhi. Atmospheric Pollution Research, 2011, 2, 394-399.	3.8	8
62	Impact of altitude on emission rates of ozone precursors from gasoline-driven light-duty commercial vehicles. Atmospheric Environment, 2011, 45, 1413-1417.	4.1	45
63	Sensitivity analysis of probits with respect to Quantitative Risk Assessment of airborne toxic chemicals using IITD-QRA model. International Journal of Environment and Waste Management, 2010, 6, 345.	0.3	0
64	Human health risks in megacities due to air pollution. Atmospheric Environment, 2010, 44, 4606-4613.	4.1	315
65	Corporate responses to the CDM: the Indian pulp and paper industry. Climate Policy, 2009, 9, 255-272.	5.1	14
66	The representation of emissions from megacities in global emission inventories. Atmospheric Environment, 2008, 42, 703-719.	4.1	128
67	Evaluation of emissions and air quality in megacities. Atmospheric Environment, 2008, 42, 1593-1606.	4.1	434
68	Regional pollution potentials of megacities and other major population centers. Atmospheric Chemistry and Physics, 2007, 7, 3969-3987.	4.9	161
69	Preparation and Validation of Gridded Emission Inventory of Criteria Air Pollutants and Identification of Emission Hotspots for Megacity Delhi. Environmental Monitoring and Assessment, 2007, 130, 323-339.	2.7	51
70	New Directions: Megacities and global change. Atmospheric Environment, 2005, 39, 391-393.	4.1	90
71	Air Quality in Selected Megacities. Journal of the Air and Waste Management Association, 2004, 54, 1-73.	1.9	54
72	Emission estimates and trends (1990â€“2000) for megacity Delhi and implications. Atmospheric Environment, 2004, 38, 5663-5681.	4.1	215

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73	A Risk-Based Model to Establish Threshold Planning Quantities of Hazardous Substances. Journal of the Air and Waste Management Association, 2004, 54, 495-503.	1.9	5
74	Potential health risks due to toxic contamination in the ambient environment of certain Indian states. Environmental Monitoring and Assessment, 2003, 82, 203-223.	2.7	11
75	Integrated risk analysis for acute and chronic exposure to toxic chemicals. Journal of Hazardous Materials, 2003, 103, 25-40.	12.4	13
76	Potential Health Risks Related to Carcinogens in the Atmospheric Environment in India. Regulatory Toxicology and Pharmacology, 1996, 24, 141-148.	2.7	9