

# George Kuttiparichel Varghese

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

342  
citations

1040056

9  
h-index

888059

17  
g-index

32  
all docs

32  
docs citations

32  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of benzene air quality standards, monitoring methods and concentrations in indoor and outdoor environment. <i>Heliyon</i> , 2019, 5, e02918.	3.2	63
2	Photocatalytic-oxidation and photo-persulfate-oxidation of sulfadiazine in a laboratory-scale reactor: Analysis of catalyst support, oxidant dosage, removal-rate and degradation pathway. <i>Journal of Environmental Management</i> , 2018, 222, 164-173.	7.8	55
3	Application of Aztec Marigold ( <i>Tagetes erecta</i> L.) for phytoremediation of heavy metal polluted lateritic soil. <i>Environmental Chemistry and Ecotoxicology</i> , 2021, 3, 17-22.	9.1	40
4	Environmental forensic analysis of the microplastic pollution at "Nattika" Beach, Kerala Coast, India. <i>Environmental Forensics</i> , 2020, 21, 21-36.	2.6	30
5	Microplastic pollution of Calicut beach - Contributing factors and possible impacts. <i>Marine Pollution Bulletin</i> , 2021, 169, 112492.	5.0	24
6	National Green Tribunal Act: A Harbinger for the Development of Environmental Forensics in India?. <i>Environmental Forensics</i> , 2012, 13, 209-215.	2.6	12
7	Potential Use of Hibiscus Rosa-Sinensis Leaf Extract for the Destabilization of Turbid Water. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	11
8	Effective reuse of waste material as an amendment in composite landfill liner: Assessment of geotechnical properties and pollutant retention capacity. <i>Waste Management and Research</i> , 2020, 38, 134-141.	3.9	10
9	Heavy metal phytoremediation potential of the roadside forage <i>Chloris barbata</i> Sw. (swollen windmill) Tj ETQq1 1 0.784314 rgBT /Over <i>Pollution Research</i> , 2021, 28, 45096-45108.	5.3	10
10	Air quality change and public perception during the COVID-19 lockdown in India. <i>Gondwana Research</i> , 2023, 114, 15-29.	6.0	10
11	Estimation of effect of sugarcane bagasse biochar amendment in landfill soil cover on geotechnical properties and landfill gas emission. <i>Environmental Quality Management</i> , 2017, 27, 33-39.	1.9	9
12	Environmental forensic investigation of the air pollution from a cement manufacturing unit. <i>Environmental Forensics</i> , 2020, 21, 37-47.	2.6	9
13	Assessment of trace metal contamination and its anthropogenic influence in the sediments of an urban water body in Kozhikode, Kerala, India. <i>Environmental Forensics</i> , 2018, 19, 288-297.	2.6	8
14	MT3DMS and Genetic Algorithm in Environmental Forensic Investigations. <i>Procedia Environmental Sciences</i> , 2015, 30, 85-90.	1.4	7
15	Environmental Forensics in India " Four Years after the National Green Tribunal Act, 2010. <i>Procedia Environmental Sciences</i> , 2015, 30, 91-96.	1.4	6
16	Optimization of parameters for the extraction of Pb from lateritic soil using EDTA. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	5
17	Exposure to volatile organic compounds and associated health risk among workers in lignite mines. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 4293-4306.	3.5	5
18	Liability allocation in pollution involving multiple responsible parties. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45133-45147.	5.3	4

#	ARTICLE	IF	CITATIONS
19	Source Apportionment of Marine Microplastics: First Step Towards Managing Microplastic Pollution. Chemical Engineering and Technology, 2021, 44, 906-912.	1.5	4
20	Occupational exposure to particulate matter during blackboard teaching and its deposition in the airways of human lungs. International Archives of Occupational and Environmental Health, 2021, 94, 1963-1974.	2.3	4
21	An environmental forensic investigation at a bio-medical waste treatment and disposal facility in Kerala, India. Environmental Forensics, 2019, 20, 162-170.	2.6	3
22	Chloroform—An Emerging Pollutant in the Air. Energy, Environment, and Sustainability, 2022, , 101-129.	1.0	2
23	Fitness Evaluation While Using Contaminant Transport Models For Environmental Forensic Investigation. Energy Procedia, 2017, 119, 792-800.	1.8	1
24	Environmental Forensic. Detritus, 2021, , .	0.9	1
25	Exposure to Particulate Matter in Classrooms and Laboratories of a University Building. Lecture Notes in Civil Engineering, 2020, , 109-117.	0.4	1
26	Environmental forensic. Detritus, 2020, , .	0.9	1
27	Development of a two stage liability allocation process in case of multiple party pollution. Environmental Forensics, 0, , 1-11.	2.6	1
28	Environmentally Useful Life of Interlocking Concrete Block Pavements: Critical Time Period Concept. Journal of Sustainable Water in the Built Environment, 2021, 7, 04021001.	1.6	0
29	Design of Standard Questionnaire for Occupational Risk Perception Caused Due to Air Pollution. Lecture Notes in Civil Engineering, 2022, , 49-60.	0.4	0
30	ENVIRONMENTAL FORENSICS. Detritus, 2020, , .	0.9	0