

Valerio Paolini

List of Publications by Citations

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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.

24
papers

428
citations

12
h-index

20
g-index

25
ext. papers

558
ext. citations

5.5
avg, IF

3.71
L-index

#	Paper	IF	Citations
24	Environmental impact of biogas: A short review of current knowledge. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018 , 53, 899-906 ²⁻³		135
23	Characterisation and cleaning of biogas from sewage sludge for biomethane production. <i>Journal of Environmental Management</i> , 2018 , 217, 288-296	7.9	36
22	Highly-ordered covalent anchoring of carbon nanotubes on electrode surfaces by diazonium salt reactions. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3457-61	16.4	31
21	Asbestos treatment technologies. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 205-226	3.4	27
20	Trends in Social Acceptance of Renewable Energy Across Europe-A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	21
19	Biogas cleaning and upgrading with natural zeolites from tuffs. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 1418-27	2.6	20
18	Wood Chip Drying through the Using of a Mobile Rotary Dryer. <i>Energies</i> , 2019 , 12, 1590	3.1	17
17	CO ₂ /CH ₄ separation by hot potassium carbonate absorption for biogas upgrading. <i>International Journal of Greenhouse Gas Control</i> , 2019 , 83, 186-194	4.2	16
16	A novel pilot scale multistage semidry anaerobic digestion reactor to treat food waste and cow manure. <i>International Journal of Environmental Science and Technology</i> , 2018 , 15, 1999-2008	3.3	16
15	Highly-Ordered Covalent Anchoring of Carbon Nanotubes on Electrode Surfaces by Diazonium Salt Reactions. <i>Angewandte Chemie</i> , 2011 , 123, 3519-3523	3.6	15
14	Influence of transport from urban sources and domestic biomass combustion on the air quality of a mountain area. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 4741-4754	5.1	14
13	Gaseous pollutants in the city of Urumqi, Xinjiang: spatial and temporal trends, sources and implications. <i>Atmospheric Pollution Research</i> , 2016 , 7, 925-934	4.5	12
12	Simultaneous Sampling of Vapor and Particle-Phase Carcinogenic Polycyclic Aromatic Hydrocarbons on Functionalized Glass Fiber Filters. <i>Aerosol and Air Quality Research</i> , 2017 , 16, 175-183	4.6	12
11	Emission of fibres and atmospheric pollutants from the thermal treatment of asbestos containing waste (ACW). <i>Journal of Cleaner Production</i> , 2020 , 268, 122179	10.3	11
10	Evaluation of air quality and mobility policies in 14 large Italian cities from 2006 to 2016. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020 , 55, 886-902	2.3	11
9	Volatilization and oxidative artifacts of PM bound PAHs collected at low volume sampling (1): Laboratory and field evaluation. <i>Chemosphere</i> , 2018 , 200, 106-115	8.4	9
8	Volatilization and oxidative artifacts of PM bound PAHs at low volume sampling (2): Evaluation and comparison of mitigation strategies effects. <i>Chemosphere</i> , 2017 , 189, 330-339	8.4	8

7	Carbon Dioxide Removal with Tuff: Experimental Measurement of Adsorption Properties and Breakthrough Modeling Using CFD Approach. <i>Energy Procedia</i> , 2016 , 101, 392-399	2.3	6
6	Vacuum swing adsorption on natural zeolites from tuffs in a prototype plant. <i>Environmental Progress and Sustainable Energy</i> , 2017 , 36, 887-894	2.5	4
5	Effect of Hard Plastic Waste on the Quality of Recycled Polypropylene Blends. <i>Recycling</i> , 2021 , 6, 58	3.2	3
4	Sustainable additives for the regulation of NH concentration and emissions during the production of biomethane and biohydrogen: a review.. <i>Bioresource Technology</i> , 2021 , 126596	11	1
3	The vehicle braking systems as main source of inhalable airborne magnetite particles in trafficked areas.. <i>Environment International</i> , 2022 , 158, 106991	12.9	1
2	Preparation of Slow-Release Insecticides from Biogas Slurry: Effectiveness of Ion Exchange Resin in the Adsorption and Release of Ammonia Nitrogen. <i>Processes</i> , 2021 , 9, 1461	2.9	1
1	Water scrubbing for biogas upgrading: developments and innovations 2021 , 57-71		