

Dimitris P Zagklis

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

639
citations

759055

12
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification of olive mill wastewater phenols through membrane filtration and resin adsorption/desorption. <i>Journal of Hazardous Materials</i> , 2015, 285, 69-76.	6.5	209
2	Purification of grape marc phenolic compounds through solvent extraction, membrane filtration and resin adsorption/desorption. <i>Separation and Purification Technology</i> , 2015, 156, 328-335.	3.9	72
3	Sustainability analysis and benchmarking of olive mill wastewater treatment methods. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 742-750.	1.6	52
4	Used disposable nappies and expired food products valorisation through one- & two-stage anaerobic co-digestion. <i>Renewable Energy</i> , 2020, 147, 610-619.	4.3	43
5	Treatment of olive mill wastewater using a coagulation-flocculation process either as a single step or as post-treatment after aerobic biological treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1866-1874.	1.6	33
6	A Combined Coagulation/Flocculation and Membrane Filtration Process for the Treatment of Paint Industry Wastewaters. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15456-15462.	1.8	29
7	Membrane filtration of agro-industrial wastewaters and isolation of organic compounds with high added values. <i>Water Science and Technology</i> , 2014, 69, 202-207.	1.2	25
8	High-Added Value Materials Production from OMW: A Technical and Economical Optimization. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-7.	1.4	23
9	Isolation of organic compounds with high added values from agro-industrial solid wastes. <i>Journal of Environmental Management</i> , 2018, 216, 183-191.	3.8	23
10	Preliminary design of a phenols purification plant. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 373-383.	1.6	16
11	Effect of electrolytes/polyelectrolytes on the removal of solids and organics from olive mill wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 204-211.	1.6	15
12	Composting of anaerobic sludge from the co-digestion of used disposable nappies and expired food products. <i>Waste Management</i> , 2020, 118, 655-666.	3.7	15
13	Expired food products and used disposable adult nappies mesophilic anaerobic co-digestion: Biochemical methane potential, feedstock pretreatment and two-stage system performance. <i>Renewable Energy</i> , 2021, 168, 309-318.	4.3	14
14	Effect of pH on the Economic Potential of Dark Fermentation Products from Used Disposable Nappies and Expired Food Products. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4099.	1.3	12
15	Technoeconomic Analysis of the Recovery of Phenols from Olive Mill Wastewater through Membrane Filtration and Resin Adsorption/Desorption. <i>Sustainability</i> , 2021, 13, 2376.	1.6	11
16	High-Yield Production of a Rich-in-Hydroxytyrosol Extract from Olive (<i>Olea europaea</i>) Leaves. <i>Antioxidants</i> , 2022, 11, 1042.	2.2	10
17	Assessment of substrate load and process pH for bioethanol production – Development of a kinetic model. <i>Fuel</i> , 2022, 313, 123007.	3.4	8
18	Assessing the Economic Viability of an Animal Byproduct Rendering Plant: Case Study of a Slaughterhouse in Greece. <i>Sustainability</i> , 2020, 12, 5870.	1.6	7

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19	Used disposable nappies and expired food products co-digestion: A pilot-scale system assessment. <i>Renewable Energy</i> , 2021, 165, 109-117.	4.3	7
20	Life cycle assessment of the anaerobic co-digestion of used disposable nappies and expired food products. <i>Journal of Cleaner Production</i> , 2021, 304, 127118.	4.6	6
21	Recovery of Water from Secondary Effluent through Pilot Scale Ultrafiltration Membranes: Implementation at Patrasâ€™ Wastewater Treatment Plant. <i>Membranes</i> , 2021, 11, 663.	1.4	6
22	Used Disposable Nappies: environmental burden or resource for biofuel production and material recovery?. <i>Resources, Conservation and Recycling</i> , 2022, 185, 106493.	5.3	3