

# Aikaterini I Vavouraki

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

695  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

993  
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.	12.4	209
2	Effect of pH on the anaerobic acidogenesis of agroindustrial wastewaters for maximization of bio-hydrogen production: A lab-scale evaluation using batch tests. <i>Bioresource Technology</i> , 2014, 162, 218-227.	9.6	104
3	Optimization of thermo-chemical hydrolysis of kitchen wastes. <i>Waste Management</i> , 2013, 33, 740-745.	7.4	98
4	Optimization of thermo-chemical pretreatment and enzymatic hydrolysis of kitchen wastes. <i>Waste Management</i> , 2014, 34, 167-173.	7.4	64
5	An Atomic Force Microscopy study of the growth of calcite in the presence of sodium sulfate. <i>Chemical Geology</i> , 2008, 253, 243-251.	3.3	56
6	Crystal Growth and Dissolution of Calcite in the Presence of Fluoride Ions: An Atomic Force Microscopy Study. <i>Crystal Growth and Design</i> , 2010, 10, 60-69.	3.0	30
7	Olive Mill Wastewater (OMW) Polyphenols Adsorption onto Polymeric Resins: Part I Batch Anaerobic Digestion of OMW. <i>Waste and Biomass Valorization</i> , 2021, 12, 2271-2281.	3.4	28
8	Kinetics of crystal growth of mirabilite in aqueous supersaturated solutions. <i>Journal of Crystal Growth</i> , 2012, 338, 189-194.	1.5	20
9	Biodegradation of Polyphenolic Compounds from Olive Mill Wastewaters (OMW) During Two-Stage Anaerobic Co-digestion of Agro-industrial Mixtures. <i>Waste and Biomass Valorization</i> , 2020, 11, 5783-5791.	3.4	20
10	Assessment of Single- vs. Two-Stage Process for the Anaerobic Digestion of Liquid Cow Manure and Cheese Whey. <i>Energies</i> , 2021, 14, 5423.	3.1	17
11	Dark Fermentation of Sweet Sorghum Stalks, Cheese Whey and Cow Manure Mixture: Effect of pH, Pretreatment and Organic Load. <i>Processes</i> , 2021, 9, 1017.	2.8	15
12	Hydrogen and Methane Production from Anaerobic Co-Digestion of Sorghum and Cow Manure: Effect of pH and Hydraulic Retention Time. <i>Fermentation</i> , 2022, 8, 304.	3.0	9
13	Utilization of Industrial Waste Slags to Enhance Ground Waste Concrete-Based Inorganic Polymers. <i>Journal of Sustainable Metallurgy</i> , 2020, 6, 383-399.	2.3	7
14	The inhibition of crystal growth of mirabilite in aqueous solutions in the presence of phosphonates. <i>Journal of Crystal Growth</i> , 2016, 436, 92-98.	1.5	6
15	Synthesis of Zeolites from Greek Fly Ash and Assessment of Their Copper Removal Capacity. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 844.	2.0	6
16	Properties of Inorganic Polymers Based on Ground Waste Concrete Containing CuO and ZnO Nanoparticles. <i>Polymers</i> , 2021, 13, 2871.	4.5	4
17	Macro- to nanoscale study of the effect of aqueous sulphate on calcite growth. <i>Mineralogical Magazine</i> , 2008, 72, 141-144.	1.4	2
18	Deterioration of Monument Building Materials: Mechanistic Models as Guides for Conservation Strategies. <i>Communications in Computer and Information Science</i> , 2019, , 456-469.	0.5	0