

Alessandra Bianco-Prevot

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

498
citations

623699

14
h-index

677123

22
g-index

26
all docs

26
docs citations

26
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-activation of persulfate and hydrogen peroxide by humic acid coated magnetic particles for Bisphenol A degradation. <i>Catalysis Today</i> , 2021, 361, 43-49.	4.4	13
2	Soluble bioorganic substances from compost as photosensitizers for a sustainable homogeneous and heterogeneous photocatalysis. , 2021, , 589-601.		0
3	The "Lab4treat" Outreach Experience: Preparation of Sustainable Magnetic Nanomaterials for Remediation of Model Wastewater. <i>Molecules</i> , 2021, 26, 3361.	3.8	1
4	Analytical control in advanced oxidation processes: Surrogate models and indicators vs traditional methods. <i>Microchemical Journal</i> , 2021, 171, 106799.	4.5	1
5	Environmental Assessment of Humic Acid Coated Magnetic Materials Used as Catalyst in Photo-Fenton Processes. <i>Catalysts</i> , 2020, 10, 771.	3.5	3
6	Assessing a Photocatalytic Activity Index for TiO ₂ Colloids by Controlled Periodic Illumination. <i>ACS Catalysis</i> , 2020, 10, 9612-9623.	11.2	7
7	Humic acid coated magnetic particles as highly efficient heterogeneous photo-Fenton materials for wastewater treatments. <i>Chemical Engineering Journal</i> , 2020, 390, 124619.	12.7	49
8	Sustainable Magnetic Materials (from Chitosan and Municipal Biowaste) for the Removal of Diclofenac from Water. <i>Nanomaterials</i> , 2019, 9, 1091.	4.1	14
9	Green Waste-Derived Substances Immobilized on SBA-15 Silica: Surface Properties, Adsorbing and Photosensitizing Activities towards Organic and Inorganic Substrates. <i>Nanomaterials</i> , 2019, 9, 162.	4.1	15
10	Innovative sustainable materials for the photoinduced remediation of polluted waters. , 2019, , 203-238.		5
11	Evaluation of the Photocatalytic Activity of a Cordierite-Honeycomb-Supported TiO ₂ Film with a Liquid "Solid Photoreactor. <i>Molecules</i> , 2019, 24, 4499.	3.8	7
12	Photo-Fenton Degradation of Pentachlorophenol: Competition between Additives and Photolysis. <i>Nanomaterials</i> , 2019, 9, 1157.	4.1	6
13	Use of Low-Cost Magnetic Materials Containing Waste Derivatives for the (Photo)-Fenton Removal of Organic Pollutants. <i>Materials</i> , 2019, 12, 3942.	2.9	5
14	Impacts of borehole heat exchangers (BHEs) on groundwater quality: the role of heat-carrier fluid and borehole grouting. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	14
15	Sustainable magnet-responsive nanomaterials for the removal of arsenic from contaminated water. <i>Journal of Hazardous Materials</i> , 2018, 342, 260-269.	12.4	54
16	New Insights on the Photodegradation of Caffeine in the Presence of Bio-Based Substances-Magnetic Iron Oxide Hybrid Nanomaterials. <i>Materials</i> , 2018, 11, 1084.	2.9	31
17	BaCO ₃ and NH ₃ SO ₃ as precursors for the hydrothermal synthesis of BaSO ₄ . <i>CrystEngComm</i> , 2018, 20, 7001-7009.	2.6	1
18	New Route for Valorization of Oil Mill Wastes: Isolation of Humic-Like Substances to be Employed in Solar-Driven Processes for Pollutants Removal. <i>ACS Omega</i> , 2018, 3, 13073-13080.	3.5	16

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19	Isolation, Characterization, and Environmental Application of Bio-Based Materials as Auxiliaries in Photocatalytic Processes. <i>Catalysts</i> , 2018, 8, 197.	3.5	18
20	Revisiting the catalytic activity of a doped SrFeO ₃ for water pollutants removal: Effect of light and temperature. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 174-181.	20.2	65
21	Biowaste-derived substances as a tool for obtaining magnet-sensitive materials for environmental applications in wastewater treatments. <i>Chemical Engineering Journal</i> , 2017, 310, 307-316.	12.7	42
22	Synthesis, characterization and environmental application of silica grafted photoactive substances isolated from urban biowaste. <i>RSC Advances</i> , 2015, 5, 47920-47927.	3.6	16
23	A new, sustainable LaFeO ₃ material prepared from biowaste-sourced soluble substances. <i>New Journal of Chemistry</i> , 2015, 39, 877-885.	2.8	42
24	Waste-Derived Bioorganic Substances for Light-Induced Generation of Reactive Oxygenated Species. <i>ChemSusChem</i> , 2011, 4, 85-90.	6.8	38
25	High-performance liquid chromatography coupled to ultraviolet diode array detection and electrospray ionization mass spectrometry for the analysis of intermediates produced in the initial steps of the photocatalytic degradation of sulfonated azo dyes. <i>Journal of Chromatography A</i> , 2008, 1202, 145-154.	3.7	34