

Vesna N DespotoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

498
citations

687220

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h-index

752573

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g-index

22
all docs

22
docs citations

22
times ranked

750
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of clomazone photocatalytic degradation: hydroxyl radical, electron and hole scavengers. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 115, 67-79.	0.8	61
2	Removal of alprazolam from aqueous solutions by heterogeneous photocatalysis: Influencing factors, intermediates, and products. <i>Chemical Engineering Journal</i> , 2017, 307, 1105-1115.	6.6	56
3	Photocatalytic Degradation of Mecoprop and Clopyralid in Aqueous Suspensions of Nanostructured N-doped TiO ₂ . <i>Molecules</i> , 2010, 15, 2994-3009.	1.7	50
4	Photocatalytic degradation of selected herbicides in aqueous suspensions of doped titania under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2010, 179, 49-56.	6.5	43
5	A comparative study of the activity of TiO ₂ Wackherr and Degussa P25 in the photocatalytic degradation of picloram. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 191-198.	10.8	42
6	Photocatalytic degradation of the herbicide clomazone in natural water using TiO ₂ : Kinetics, mechanism, and toxicity of degradation products. <i>Chemosphere</i> , 2013, 93, 166-171.	4.2	35
7	Photocatalytic decomposition of selected biologically active compounds in environmental waters using TiO ₂ /polyaniline nanocomposites: Kinetics, toxicity and intermediates assessment. <i>Environmental Pollution</i> , 2018, 239, 457-465.	3.7	35
8	The role of surface defect sites of titania nanoparticles in the photocatalysis: Aging and modification. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 122-127.	10.8	30
9	Co-occurrence of Fumonisin and Deoxynivalenol in Wheat and Maize Harvested in Serbia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 615-619.	1.3	28
10	Kinetics and the mechanism of the photocatalytic degradation of mesotrione in aqueous suspension and toxicity of its degradation mixtures. <i>Journal of Molecular Catalysis A</i> , 2014, 392, 67-75.	4.8	28
11	Photocatalytic Degradation of Herbicide Quinmerac in Various Types of Natural Water. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3009-3020.	1.1	17
12	Elongated titania nanostructures as efficient photocatalysts for degradation of selected herbicides. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 589-596.	10.8	17
13	Removal of Emerging Pollutants from Water Using Environmentally Friendly Processes: Photocatalysts Preparation, Characterization, Intermediates Identification and Toxicity Assessment. <i>Nanomaterials</i> , 2021, 11, 215.	1.9	15
14	The effect of inorganic anions and organic matter on mesotrione (Callisto [®]) removal from environmental waters. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 343-355.	0.4	13
15	Environmental Photocatalytic Degradation of Antidepressants with Solar Radiation: Kinetics, Mineralization, and Toxicity. <i>Nanomaterials</i> , 2021, 11, 632.	1.9	9
16	Water-Active Titanium/Molybdenum/Mixed-Oxides: Removal Efficiency of Organic Water Pollutants by Adsorption and Photocatalysis and Toxicity Assessment. <i>Catalysts</i> , 2021, 11, 1054.	1.6	7
17	Photodegradation of selected pesticides: Photocatalytic activity of bare and PANI-modified TiO ₂ under simulated solar irradiation. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 1455-1468.	0.4	5
18	Reaction kinetics of mesotrione removal catalyzed by TiO ₂ in the presence of different electron acceptors. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 205-217.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Quantitative structure-retention relationships study of the retention data of 5,5-disubstituted hydantoins. <i>Journal of Planar Chromatography - Modern TLC</i> , 2010, 23, 201-207.	0.6	1
20	Comparative Assessment of the Photocatalytic Efficiency of TiO ₂ Wackherr in the Removal of Clopyralid from Various Types of Water. , 0, , .		1
21	Application of ATR-FTIR analysis for determination of fumonisins in corn. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2017, , 47-56.	0.0	1
22	Lipophilicity assessment of some 5,5-disubstituted hydantoins by the means of reversed phase liquid chromatography. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013, 19, 1-6.	0.4	0