

Maria Milanova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surface Roughness Characterization of Poly(methylmethacrylate) Films with Immobilized Eu(III) β -Diketonates by Fractal Analysis. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 404-421.	1.9	40
2	Morphology and Optical Properties of SiO ₂ -Based Composite Thin Films with Immobilized Terbium(III) Complex with a Biscoumarin Derivative. <i>International Journal of Polymer Analysis and Characterization</i> , 2015, 20, 42-56.	1.9	38
3	Ferrites, modified with silver nanoparticles, for photocatalytic degradation of malachite green in aqueous solutions. <i>Catalysis Today</i> , 2020, 357, 453-459.	4.4	33
4	Influence of gamma-irradiation on the photocatalytic activity of Degussa P25 TiO ₂ . <i>Journal of Materials Science</i> , 2012, 47, 4936-4945.	3.7	32
5	Synthesis, characterization and photocatalytic activity of neodymium, nitrogen and neodymium- α -nitrogen doped TiO ₂ . <i>Materials Research Bulletin</i> , 2012, 47, 2165-2177.	5.2	30
6	Phase composition and crystal structure determination of cobalt ferrite, modified with Ce, Nd and Dy ions by X-ray and neutron diffraction. <i>Journal of Molecular Structure</i> , 2019, 1179, 233-241.	3.6	24
7	Magnetic properties of binary and ternary mixed metal oxides NiFe ₂ O ₄ and Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ doped with rare earths by sol-gel synthesis. <i>Chemical Papers</i> , 2016, 70, .	2.2	17
8	SiO ₂ /polyester hybrid for immobilization of Ru(II) complex as optical gas-phase oxygen sensor. <i>Journal of Materials Chemistry</i> , 2011, 21, 4893.	6.7	14
9	Effect of the addition of rare earths on the activity of alumina supported copper cobaltite in CO oxidation, CH ₄ oxidation and NO decomposition. <i>Journal of Rare Earths</i> , 2015, 33, 382-390.	4.8	13
10	Synthesis Conditions Impact on the Composition, Structure, and Fluorescence Properties of the Europium Dibenzoylmethane Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010, 40, 651-661.	0.6	11
11	Thermochemical behaviour of Ru(II) complex-SiO ₂ microcomposites. <i>Bulletin of Materials Science</i> , 2007, 30, 511-520.	1.7	9
12	Sorption of Rare-Earth Elements and Ac on UTEVA Resin in Different Acid Solutions. <i>Solvent Extraction and Ion Exchange</i> , 2017, 35, 280-291.	2.0	8
13	IR-Spectral Study of Solid State Complexes of Lanthanum with Mono-and bis-(2-Ethylhexyl) Phosphoric Acids. <i>Spectroscopy Letters</i> , 1996, 29, 781-798.	1.0	7
14	The photocatalytic degradation of 17 β -ethynylestradiol by pure and carbon nanotubes modified TiO ₂ under UVC illumination. <i>Open Chemistry</i> , 2012, 10, 1137-1148.	1.9	7
15	Photocatalytic degradation of some endocrine disrupting compounds by modified TiO ₂ under UV or halogen lamp illumination. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 109, 355-373.	1.7	7
16	Photocatalytic activity of NiFe ₂ O ₄ and Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ modified by Eu(III) and Tb(III) for decomposition of Malachite Green. <i>Open Chemistry</i> , 2019, 17, 1124-1132.	1.9	7
17	Preparation and Characterization of Lanthanum-Titanium Tartrate Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 223-240.	1.8	6
18	Catalytic and photocatalytic properties of zinc-nickel ferrites. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	6

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19	Mixed Metal Oxides of the Type $CoxZn_{1-x}Fe_2O_4$ as Photocatalysts for Malachite Green Degradation Under UV Light Irradiation. <i>Acta Chimica Slovenica</i> , 2017, 64, 299-311.	0.6	6
20	The Possibility for Separation of Lanthanum by Solid-State Complexes with 2-Ethylhexyl Phosphoric Acids. <i>Separation Science and Technology</i> , 1995, 30, 821-832.	2.5	5
21	On the Liquid Membrane Extraction of Lanthanum and Neodymium. <i>Separation Science and Technology</i> , 1993, 28, 1641-1646.	2.5	4
22	Influence of ThO_2 on the photocatalytic activity of TiO_2 . <i>Open Chemistry</i> , 2011, 9, 1027-1038.	1.9	4
23	Synthesis and characterization of terbium(III) complexes with the biscoumarin derivative 3,3'-[(4-hydroxyphenyl)methyl]bis-(4-hydroxy-2H-chromen-2-one). <i>Journal of Molecular Structure</i> , 2016, 1106, 491-500.	3.6	4
24	Synthesis of terbium(III) complex with a biscoumarin derivative and its immobilization in PMMA-based composite thin films with fluorescent properties. <i>Open Chemistry</i> , 2013, 11, 1032-1041.	1.9	3
25	Synthesis, crystal structure and physico-chemical properties of 3,3'-[(4-hydroxyphenyl)methyl]bis-(4-hydroxy-2H-chromen-2-one). <i>Acta Chimica Slovenica</i> , 2014, 61, 718-28.	0.6	3
26	Preparation of improved catalytic materials for water purification. <i>Hyperfine Interactions</i> , 2014, 226, 517-527.	0.5	2
27	Micromorphology Characterization of SiO_2 -Based Composite Thin Films with Immobilized Terbium(III) Complex. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 648-660.	1.9	2
28	Cobalt ferrite modified with Hf(IV) as a catalyst for oxidation of ethyl acetate. <i>Catalysis Today</i> , 2020, 357, 541-546.	4.4	2
29	Thermochemical behaviour of lanthanum complexes of 2-ethylhexyl phosphoric acid. <i>Journal of Thermal Analysis</i> , 1996, 47, 847-856.	0.6	1
30	Synthesis and characterization of Al- and Y-Al-citrates as potential precursors for $YAlO_3$. <i>Open Chemistry</i> , 2006, 4, 632-645.	1.9	1
31	Influence of complexation on the composition of equilibrium phases in the system of $Ce_2(SO_4)_3-La_2(SO_4)_3$. <i>Open Chemistry</i> , 2007, 5, 13-19.	1.9	1
32	Mechanochemical synthesis of thenoyltrifluoroacetone-1,10-phenanthroline europium complex. <i>Open Chemistry</i> , 2012, 10, 1907-1912.	1.9	1
33	Synthesis and IR-Spectral Characterization of Mixed-Ligand Solid State Complexes of Some Lanthanoides with Mono-(2-ethylhexyl) Phosphoric Acid. <i>Spectroscopy Letters</i> , 1996, 29, 1297-1305.	1.0	0
34	The radioactivity and the chemical nature of additives as factors determining the photocatalytic activity of TiO_2 . <i>Open Chemistry</i> , 2012, 10, 1850-1858.	1.9	0