Maria Milanova

List of Publications by Year
in descending order

34 papers	348 citations	933447 10 h-index	839539 18 g-index
34 all docs	34 docs citations	34 times ranked	499 citing authors

#	Article	IF	Citations
1	Catalytic and photocatalytic properties of zinc-nickel ferrites. Journal of Chemical Sciences, 2021, 133, 1.	1.5	6
2	Cobalt ferrite modified with Hf(IV) as a catalyst for oxidation of ethyl acetate. Catalysis Today, 2020, 357, 541-546.	4.4	2
3	Ferrites, modified with silver nanoparticles, for photocatalytic degradation of malachite green in aqueous solutions. Catalysis Today, 2020, 357, 453-459.	4.4	33
4	Phase composition and crystal structure determination of cobalt ferrite, modified with Ce, Nd and Dy ions by X-ray and neutron diffraction. Journal of Molecular Structure, 2019, 1179, 233-241.	3.6	24
5	Photocatalytic activity of NiFe2O4 and Zn0.5Ni0.5Fe2O4 modified by Eu(III) and Tb(III) for decomposition of Malachite Green. Open Chemistry, 2019, 17, 1124-1132.	1.9	7
6	Sorption of Rare-Earth Elements and Ac on UTEVA Resin in Different Acid Solutions. Solvent Extraction and Ion Exchange, 2017, 35, 280-291.	2.0	8
7	Mixed Metal Oxides of the Type CoxZn1â€“xFe2O4 as Photocatalysts for Malachite Green Degradation Under UV Light Irradiation. Acta Chimica Slovenica, 2017, 64, 299-311.	0.6	6
8	Magnetic properties of binary and ternary mixed metal oxides NiFe2O4 and Zn0.5Ni0.5Fe2O4 doped with rare earths by solâ€”gel synthesis. Chemical Papers, 2016, 70, .	2.2	17
9	Synthesis and characterization of terbium(III) complexes with the biscoumarin derivative 3,3â€²-[(4-hydroxyphenyl)methyl]bis-(4-hydroxy-2H-chromen-2-one). Journal of Molecular Structure, 2016, 1106, 491-500.	3.6	4
10	Morphology and Optical Properties of SiO₂-Based Composite Thin Films with Immobilized Terbium(III) Complex with a Biscoumarin Derivative. International Journal of Polymer Analysis and Characterization, 2015, 20, 42-56.	1.9	38
11	Effect of the addition of rare earths on the activity of alumina supported copper cobaltite in CO oxidation, CH4 oxidation and NO decomposition. Journal of Rare Earths, 2015, 33, 382-390.	4.8	13
12	Preparation of improved catalytic materials for water purification. Hyperfine Interactions, 2014, 226, 517-527.	0.5	2
13	Micromorphology Characterization of SiO2-Based Composite Thin Films with Immobilized Terbium(III) Complex. International Journal of Polymer Analysis and Characterization, 2014, 19, 648-660.	1.9	2
14	Surface Roughness Characterization of Poly(methylmethacrylate) Films with Immobilized Eu(III) Î²-Diketonates by Fractal Analysis. International Journal of Polymer Analysis and Characterization, 2014, 19, 404-421.	1.9	40
15	Synthesis, crystal structure and physico-chemical properties of 3,3'-[(4-hydroxyphenyl)methyl] bis-(4-hydroxy-2H-chromen-2-one). Acta Chimica Slovenica, 2014, 61, 718-28.	0.6	3
16	Photocatalytic degradation of some endocrine disrupting compounds by modified TiO2 under UV or halogen lamp illumination. Reaction Kinetics, Mechanisms and Catalysis, 2013, 109, 355-373.	1.7	7
17	Synthesis of terbium(III) complex with a biscoumarin derivative and its immobilization in PMMA-based composite thin films with fluorescent properties. Open Chemistry, 2013, 11, 1032-1041.	1.9	3
18	The radioactivity and the chemical nature of additives as factors determining the photocatalytic activity of TiO2. Open Chemistry, 2012, 10, 1850-1858.	1.9	0

#	Article	IF	Citations
19	Mechanochemical synthesis of thenoyltrifluoroacetone-1,10-phenanthroline europium complex. Open Chemistry, 2012, 10, 1907-1912.	1.9	1
20	Synthesis, characterization and photocatalytic activity of neodymium, nitrogen and neodymiumâ€“nitrogen doped TiO2. Materials Research Bulletin, 2012, 47, 2165-2177.	5.2	30
21	Influence of gamma-irradiation on the photocatalytic activity of Degussa P25 TiO2. Journal of Materials Science, 2012, 47, 4936-4945.	3.7	32
22	The photocatalytic degradation of 17Î±-ethynylestradiol by pure and carbon nanotubes modified TiO2 under UVC illumination. Open Chemistry, 2012, 10, 1137-1148.	1.9	7
23	SiO2/polyester hybrid for immobilization of Ru(ii) complex as optical gas-phase oxygen sensor. Journal of Materials Chemistry, 2011, 21, 4893.	6.7	14
24	Influence of ThO2 on the photocatalytic activity of TiO2. Open Chemistry, 2011, 9, 1027-1038.	1.9	4
25	Synthesis Conditions Impact on the Composition, Structure, and Fluorescence Properties of the Europium Dibenzoylmethane Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2010, 40, 651-661.	0.6	11
26	Influence of complexation on the composition of equilibrium phases in the system of Ce2(SO4)3-La2(SO4)3. Open Chemistry, 2007, 5, 13-19.	1.9	1
27	Thermochemical behaviour of Ru(II) complex-SiO2 microcomposites. Bulletin of Materials Science, 2007, 30, 511-520.	1.7	9
28	Synthesis and characterization of Al-and Y-Al-citrates as potential precursors for YAlO3. Open Chemistry, 2006, 4, 632-645.	1.9	1
29	Preparation and Characterization of Lanthanumâ€Titanum Tartrate Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 223-240.	1.8	6
30	IR-Spectral Study of Solid State Complexes of Lanthanum with Mono-andbis-(2-Ethylhexyl) Phosphoric Acids. Spectroscopy Letters, 1996, 29, 781-798.	1.0	7
31	Synthesis and IR-Spectral Characterization of Mixed-Ligand Solid State Complexes of Some Lanthanoides with Mono-(2-ethylhexyl) Phosphoric Acid. Spectroscopy Letters, 1996, 29, 1297-1305.	1.0	0
32	Thermochemical behaviour of lanthanum complexes of 2-ethylhexyl phosphoric acid. Journal of Thermal Analysis, 1996, 47, 847-856.	0.6	1
33	The Possibility for Separation of Lanthanum by Solid-State Complexes with 2-Ethylhexyl Phosphoric Acids. Separation Science and Technology, 1995, 30, 821-832.	2.5	5
34	On the Liquid Membrane Extraction of Lanthanum and Neodymium. Separation Science and Technology, 1993, 28, 1641-1646.	2.5	4