

Renata Ayszczyk

List of Publications by Year in descending order

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39
papers

568
citations

623188

14
h-index

676716

22
g-index

40
all docs

40
docs citations

40
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and spectroscopic investigations of new lanthanide complexes with 1,2,4-benzenetricarboxylic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 533-539.	2.0	57
2	Polynuclear complexes constructed by lanthanides and pyridine-3,5-dicarboxylate ligand: Structures, thermal and luminescent properties. <i>Polyhedron</i> , 2012, 41, 7-19.	1.0	47
3	Hydrothermal synthesis, thermal and luminescent investigations of lanthanide(III) coordination polymers based on the 4,4'-oxybis(benzoate) ligand. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 1101-1110.	2.0	35
4	Functionalized β -cyclodextrin based potentiometric sensor for naproxen determination. <i>Materials Science and Engineering C</i> , 2016, 61, 149-157.	3.8	31
5	Synthesis, structure, thermal and luminescent behaviors of lanthanide- π -Pyridine-3,5-dicarboxylate frameworks series. <i>Thermochimica Acta</i> , 2010, 509, 120-127.	1.2	27
6	Thermal and luminescence characterization of lanthanide 2,6-naphthalenedicarboxylates series. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011, 92, 347-354.	2.6	26
7	Synthesis, Characterization and thermal behaviour of hemimellitic acid complexes with lanthanides(III). <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 595-599.	2.0	25
8	Thermal investigation and infrared evolved gas analysis of light lanthanide(III) complexes with pyridine-3,5-dicarboxylic acid. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 239-244.	2.6	23
9	Thermal, spectroscopic and luminescence investigations of lanthanide(III) coordination polymers based on V-shaped 4,4'-sulfonyldibenzoic acid. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 115, 370-378.	2.6	22
10	Microwave-assisted synthesis of lanthanide 2,6-naphthalenedicarboxylates: Thermal, luminescent and sorption characterization. <i>Microporous and Mesoporous Materials</i> , 2013, 168, 81-91.	2.2	20
11	A three-dimensional coordination polymer constructed from sodium(I) ion and benzene-1,2,4-tricarboxylate ligand: Thermal, structure and spectroscopic characteristics. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1091-1093.	1.8	19
12	Structural characterization of lanthanide coordination polymers assembled from V-shaped 4,4'-oxybis(benzoate) ligand. <i>Inorganic Chemistry Communication</i> , 2012, 15, 121-125.	1.8	18
13	Co-crystal formation between 2-amino-4,6-dimethylpyrimidine and new p-xylylene-bis(thioacetic) acid. <i>CrystEngComm</i> , 2014, 16, 10262-10272.	1.3	16
14	Some properties of Nd and Er complexes with 1,2,3,4,5,6-benzenehexacarboxylic (mellitic) acid. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 99, 203-210.	2.6	15
15	New lanthanide biphenyl-4,4'-diacetates π hydrothermal synthesis, spectroscopic, magnetic and thermal investigations. <i>Thermochimica Acta</i> , 2016, 645, 16-23.	1.2	15
16	Thermal behavior of the highly luminescent poly(3-hydroxybutyrate):Eu(tta) ₃ (H ₂ O) ₂ red-emissive complex. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 1049-1056.	2.0	13
17	Investigation of desolvation process in lanthanide dinicotinates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 633-639.	2.0	12
18	Thermal investigations of biologically important fused azaisocytosine-containing congeners and the crystal structure of one representative. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 135, 141-151.	2.6	12

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19	Thermal, spectroscopic, X-ray and theoretical studies of metal complexes (sodium, manganese, copper,) Tj ETQq1 Thermal Analysis and Calorimetry, 2019, 138, 2813-2837.	1.0784314	12
20	Comparison of thermal properties of lanthanide trimellitates prepared by different methods. Journal of Thermal Analysis and Calorimetry, 2008, 93, 833-838.	2.0	11
21	Hybrid materials based on PEGDMA matrix and europium(III) carboxylates -thermal and luminescent investigations. European Polymer Journal, 2018, 106, 318-328.	2.6	11
22	Synthesis and thermal characterization of luminescent hybrid composites based on bisphenol A diacrylate and NVP. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4463-4473.	2.0	11
23	Structural, magnetic and spectral properties of tetrahedral cobalt(II) silanethiolates: a variety of structures and manifestation of field-induced slow magnetic relaxation. Dalton Transactions, 2020, 49, 697-710.	1.6	10
24	Effect of Different Synthesis Approaches on Structural and Thermal Properties of Lanthanide(III) Metal-Organic Frameworks Based on the 1H-Pyrazole-3,5-Dicarboxylate Linker. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3534-3548.	1.9	9
25	3-D lanthanide coordination polymers with the flexible 1,3-phenylenediacetate linker: Spectroscopic, structural and thermal investigations. Polyhedron, 2019, 159, 93-101.	1.0	8
26	Effect of N,N-dimethylformamide solvent on structure and thermal properties of lanthanide(III) complexes with flexible biphenyl-4,4'-dioxydiacetic acid. Journal of Thermal Analysis and Calorimetry, 2022, 147, 1187-1200.	2.0	7
27	Thermal, Spectroscopy and Luminescent Characterization of Hybrid PMMA/Lanthanide Complex Materials. Materials, 2021, 14, 3156.	1.3	7
28	Influence of preparation conditions on thermal properties of lanthanide benzenepolycarboxylates. Journal of Thermal Analysis and Calorimetry, 2007, 88, 157-162.	2.0	6
29	Solid Contact Nitrate Ion-selective Electrode Based on Cobalt(II) Complex with 4,7-diphenyl-1,10-phenanthroline. Electroanalysis, 2020, 32, 724-731.	1.5	6
30	New Coordination Polymers of Selected Lanthanides with 1,2-Phenylenediacetate Linker: Structures, Thermal and Luminescence Properties. Materials, 2021, 14, 4871.	1.3	6
31	Correlation between adsorption and thermal properties of lanthanide(III) dinicotinates. Applied Surface Science, 2010, 257, 1736-1739.	3.1	5
32	Coordination polymers of Na(I), Mg(II) and Co(II) ions based on biphenyl-4,4'-diacetic acid: Synthesis, crystal structures and thermal properties. Polyhedron, 2015, 99, 132-140.	1.0	5
33	Lanthanide metal-organic frameworks: Structural, thermal and sorption properties. Adsorption Science and Technology, 2017, 35, 677-683.	1.5	5
34	Structural diversity of alkali metal coordination polymers driven by flexible biphenyl-4,4'-dioxydiacetic acid. Journal of Solid State Chemistry, 2018, 265, 92-99.	1.4	5
35	Structural and Thermal Investigations of Co(II) and Ni(II) Coordination Polymers Based on biphenyl-4,4'-dioxydiacetate Linker. Materials, 2021, 14, 3545.	1.3	3
36	Potentiometric Sensor for Ketoprofen Based on a β -Cyclodextrin Derivative. Journal of Analytical Chemistry, 2022, 77, 246-256.	0.4	3

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37	Synthesis, crystal structure, spectroscopic and thermal investigations of neodymium(III) biphenyl-4,4'-dicarboxylate framework. <i>Open Chemistry</i> , 2012, 10, 1165-1174.	1.0	2
38	Thermal analysis of materials based on calcium sulphate derived from various sources. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	2
39	Novel tetrahedral cobalt(II) silanethiolates: structures and magnetism. <i>RSC Advances</i> , 2020, 10, 29100-29108.	1.7	1