

Silvia Melnic

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

470
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal Plants of the Family Lamiaceae in Pain Therapy: A Review. Pain Research and Management, 2018, 2018, 1-44.	1.8	187
2	{Dy(\pm -furo) ₃ } _n : from double relaxation single-ion magnet behavior to 3D ordering. Dalton Transactions, 2013, 42, 10153.	3.3	40
3	Preparation and properties of a calcium(\pm)-based molecular chain decorated with manganese(\pm) butterfly-like complexes. Dalton Transactions, 2014, 43, 13349-13357.	3.3	36
4	Synthesis and anti-tuberculosis activity of new hetero(Mn, Co, Ni)trinuclear iron(III) furoates. European Journal of Medicinal Chemistry, 2010, 45, 1465-1469.	5.5	35
5	Donnan-exclusion-driven distribution of catalytic ferromagnetic nanoparticles synthesized in polymeric fibers. Dalton Transactions, 2010, 39, 2579.	3.3	31
6	Synthesis, crystal structure, magnetic and luminescence investigations of new 2Ln ₃ +â€“Sr ²⁺ heteronuclear polymers with 2-furoic acid. Inorganica Chimica Acta, 2007, 360, 3047-3054.	2.4	23
7	Heteronuclear {Tb _x Eu _{1-x} } furoate 1D polymers presenting luminescent properties and SMM behavior. Journal of Materials Chemistry C, 2018, 6, 5286-5299.	5.5	19
8	Antiferromagnetic single-chain magnet slow relaxation in the {Tb(\pm -furo) ₃ } _n polymer with non-Kramers ions. Journal of Materials Chemistry C, 2016, 4, 5038-5050.	5.5	18
9	Biotechnological application of homo- and heterotrinnuclear iron(III) furoates for cultivation of iron-enriched Spirulina. Inorganica Chimica Acta, 2011, 373, 167-172.	2.4	17
10	Magnetic relaxation versus 3D long-range ordering in {Dy ₂ Ba(\pm -furo) ₈ } _n furoate polymers. Dalton Transactions, 2014, 43, 10999-11013.	3.3	14
11	Slow magnetic relaxation in a dimeric Mn ₂ Ca ₂ complex enabled by the large Mn(\pm) rhombicity. Dalton Transactions, 2017, 46, 720-732.	3.3	12
12	Sunflower oil coating on the nanoparticles of iron(III) oxides. Inorganic Chemistry Communication, 2010, 13, 1402-1405.	3.9	11
13	High relaxation barrier in neodymium furoate-based field-induced SMMs. Dalton Transactions, 2019, 48, 15386-15396.	3.3	9
14	Synthesis, Crystal Structure and Magnetic Behaviour of Novel 4f-2s Heterometallic One-Dimensional Coordination Polymers on the Base of 2-Furan-Carboxylic Acid. Chemistry Journal of Moldova, 2009, 4, 60-67.	0.6	6
15	Evolution of manganeseâ€“calcium cluster structures based on nitrogen and oxygen donor ligands. CrystEngComm, 2017, 19, 3674-3681.	2.6	4
16	Slow relaxation in a {Tb ₂ Ba(\pm -furo) ₈ } _n polymer with Ln = Tb(iii) non-Kramers ions. Dalton Transactions, 2019, 48, 5022-5034.	3.3	4
17	Synthesis and X-ray Characterisation of a New Mixed-valence Trinuclear Iron Cluster. Chemistry Journal of Moldova, 2018, 13, 48-55.	0.6	4
18	Synthesis and Characterisation of New {Fe ₂ CrO} Heterotrinnuclear Iron-chromium Clusters. Chemistry Journal of Moldova, 2021, 16, 66-75.	0.6	0