Magdalena Laskowska

List of Publications by Year
in descending order

59	597	623188 14	713013 21
papers	citations	h-index	g-index

59	59	59	544
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Butterfly-like Heteronuclear 3dâ€“4f Metal Clusters: Synthesis, Structures, Magnetic Properties, and Magnetocaloric Effect. Crystal Growth and Design, 2022, 22, 608-614.	1.4	10
2	Carbon-Supported Noble-Metal Nanoparticles for Catalytic Applicationsâ€”A Review. Crystals, 2022, 12, 584.	1.0	18
3	A new {Cu₃â€“Gd₂} cluster as a two-in-one functional material with unique topology acting as a refrigerant and adsorbent for cationic dye. CrystEngComm, 2022, 24, 5215-5225.	1.3	3
4	All That Glitters Is Not Silverâ€”A New Look at Microbiological and Medical Applications of Silver Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 854.	1.8	42
5	Magnetic Properties Study of Iron Oxide Nanoparticles-Loaded Poly(Îµ-caprolactone) Nanofibres. Magnetochemistry, 2021, 7, 61.	1.0	5
6	Synthesis of Vertically Aligned Porous Silica Thin Films Functionalized by Silver Ions. International Journal of Molecular Sciences, 2021, 22, 7505.	1.8	4
7	Magnetic structure, excitations and short-range order in honeycomb Na2Ni2TeO6. Journal of Physics Condensed Matter, 2021, 33, 375803.	0.7	3
8	Ab initio studies for characterization and identification of nanocrystalline copper pyrophosphate confined in mesoporous silica. Nanotechnology, 2021, 32, 415701.	1.3	6
9	Pyridine Derivativesâ€”A New Class of Compounds That Are Toxic to E. coli K12, R2â€“R4 Strains. Materials, 2021, 14, 5401.	1.3	14
10	AC Susceptibility Studies of Magnetic Relaxation in Mn12-Stearate SMMs on the Spherical Silica Surface. Magnetochemistry, 2021, 7, 122.	1.0	3
11	The Concept of 2D Solid Solvents: A New View on Functionalized Silica-Based Materials. Materials Proceedings, 2021, 4, 66.	0.2	1
12	Spherical Silica Functionalized by 2-Naphthalene Methanol Luminophores as a Phosphorescence Sensor. International Journal of Molecular Sciences, 2021, 22, 13289.	1.8	2
13	Intelligent Approach to the Prediction of Changes in Biometric Attributes. IEEE Transactions on Fuzzy Systems, 2020, 28, 1073-1083.	6.5	3
14	The impact of the functionalization of silica mesopores on the structural and biological features of SBA-15. Microporous and Mesoporous Materials, 2020, 306, 110453.	2.2	16
15	Magnetic, Structural and Spectroscopic Properties of Iron(II)-Octacyanoniobate(IV) Crystalline Film Obtained by Ion-Exchange Synthesis. Materials, 2020, 13, 3029.	1.3	3
16	Aging effect on the magnetic properties of Mn12-stearate single-molecule magnets anchored onto the surface of spherical silica nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114670.	1.7	4
17	Nanostructured Silica with Anchoring Units: The 2D Solid Solvent for Molecules and Metal Ions. International Journal of Molecular Sciences, 2020, 21, 8137.	1.8	10
18	Synthesis in Silica Nanoreactor: Copper Pyrophosphate Quantum Dots and Silver Oxide Nanocrystallites Inside Silica Mezochannels. Materials, 2020, 13, 2009.	1.3	5

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19	Magnetic Behaviour of Mn12-Stearate Single-Molecule Magnets Immobilized on the Surface of 300 nm Spherical Silica Nanoparticles. Materials, 2020, 13, 2624.	1.3	9
20	Nanocomposite for photonics â€" Nickel pyrophosphate nanocrystals synthesised in silica nanoreactors. Microporous and Mesoporous Materials, 2020, 306, 110435.	2.2	15
21	Mesoporous Silica-Based Materials for Electronics-Oriented Applications. Molecules, 2019, 24, 2395.	1.7	59
22	Magnetic behaviour of Mn12-stearate single-molecule magnets immobilized inside SBA-15 mesoporous silica matrix. Journal of Magnetism and Magnetic Materials, 2019, 478, 20-27.	1.0	12
23	The Separation of the Mn12 Single-Molecule Magnets onto Spherical Silica Nanoparticles. Nanomaterials, 2019, 9, 764.	1.9	13
24	Molecular Magnets. Crystals, 2019, 9, 132.	1.0	2
25	Surface functionalization by silver-containing molecules with controlled distribution of functionalities. Applied Surface Science, 2019, 481, 433-436.	3.1	12
26	How to Control the Distribution of Anchored, Mn12â€"Stearate, Single-Molecule Magnets. Nanomaterials, 2019, 9, 1730.	1.9	10
27	Vertically aligned porous silica thin films functionalized by nickel chloride incorporated in walls. Microporous and Mesoporous Materials, 2019, 276, 201-206.	2.2	5
28	Multi-step functionalization procedure for fabrication of vertically aligned mesoporous silica thin films with metal-containing molecules localized at the pores bottom. Microporous and Mesoporous Materials, 2019, 274, 356-362.	2.2	17
29	Consideration of analogies between magnetic and quantum notices for molecular network. ITM Web of Conferences, 2018, 16, 01006.	0.4	0
30	Some Aspects of Measuring Nonlinear Optical Features of Advanced Vertically Aligned Mesoporous Silica Thin Films Activated by Silver and Copper Ions. , 2018, , .		0
31	Syntheses, crystal structures and magnetic properties of a series of ZnII2LnIII2 compounds (Ln = Gd, Tb,) Tj ETQq1 1 0.784314 rgBT /O 15917-15929.	1.4	6
32	Porous Silica-Based Optoelectronic Elements as Interconnection Weights in Molecular Neural Networks. Lecture Notes in Computer Science, 2018, , 130-135.	1.0	1
33	Magnetic and magneto-optical properties of nickel hexacyanoferrate/chromate thin films. RSC Advances, 2017, 7, 1382-1386.	1.7	15
34	Crystalline bilayers unzipped and rezipped: solid-state reaction cycle of a metalâ€"organic framework with triple rearrangement of intralayer bonds. CrystEngComm, 2017, 19, 2987-2995.	1.3	12
35	A Family of Octahedral Magnetic Molecules Based on [Nb^{IV}(CN)₈]^{4â€"}. Inorganic Chemistry, 2017, 56, 4021-4027.	1.9	22
36	Magnetic Properties of Bilayer Thin Film Composed of Hard and Soft Ferromagnetic Prussian Blue Analogues. ChemistrySelect, 2017, 2, 7930-7934.	0.7	1

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37	Functionalized mesoporous silica thin films as a tunable nonlinear optical material. Nanoscale, 2017, 9, 12110-12123.	2.8	22
38	The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue. European Journal of Inorganic Chemistry, 2017, 2017, 4817-4822.	1.0	1
39	Front Cover: The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue (Eur. J. Inorg.) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	0
40	The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue. European Journal of Inorganic Chemistry, 2017, 2017, 4816-4816.	1.0	0
41	Magnetic structure of the mixed antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NdMn</mml:mi><mml:mrow><mml:mn>0.8 mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 96, .	1.1	7
42	New Class of Antimicrobial Agents: SBA-15 Silica Containing Anchored Copper Ions. Journal of Nanomaterials, 2017, 2017, 1-12.	1.5	18
43	Porous Silica Templated Nanomaterials for Artificial Intelligence and IT Technologies. Lecture Notes in Computer Science, 2017, , 509-517.	1.0	0
44	Influence of the Copper-Containing SBA-15 Silica Fillers on the Mechanical Properties of High Density Polyethylene. Journal of Nanomaterials, 2016, 2016, 1-8.	1.5	4
45	Iron Doped SBA-15 Mesoporous Silica Studied by MÃ¶ssbauer Spectroscopy. Journal of Nanomaterials, 2016, 2016, 1-6.	1.5	7
46	Relaxation and magnetocaloric effect in the Mn₁₂ molecular nanomagnet incorporated into mesoporous silica: a comparative study. RSC Advances, 2016, 6, 49179-49186.	1.7	13
47	The Concept of Molecular Neurons. Lecture Notes in Computer Science, 2016, , 494-501.	1.0	2
48	SBA-15 mesoporous silica free-standing thin films containing copper ions bounded via propyl phosphonate units - preparation and characterization. Journal of Solid State Chemistry, 2016, 241, 143-151.	1.4	9
49	Associative Memory Idea in a Nano-Environment. Lecture Notes in Computer Science, 2016, , 535-545.	1.0	0
50	Molecular Approach to Hopfield Neural Network. Lecture Notes in Computer Science, 2015, , 72-78.	1.0	13
51	SBA-15 mesoporous silica activated by metal ions â€“ Verification of molecular structure on the basis of Raman spectroscopy supported by numerical simulations. Journal of Molecular Structure, 2015, 1100, 21-26.	1.8	15
52	Magnetocaloric effect and critical behavior in Mn2-imidazole-[Nb(CN)8] molecular magnetic sponge. Journal of Magnetism and Magnetic Materials, 2015, 396, 1-8.	1.0	12
53	Functionalization of SBA-15 mesoporous silica by Cu-phosphonate units: Probing of synthesis route. Journal of Solid State Chemistry, 2014, 220, 221-226.	1.4	30
54	Mesoporous silica SBA-15 functionalized by nickelâ€“phosphonic units: Raman and magnetic analysis. Microporous and Mesoporous Materials, 2014, 200, 253-259.	2.2	28

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55	Spin-glass Implementation of a Hopfield Neural Structure. Lecture Notes in Computer Science, 2014, , 89-96.	1.0	14
56	Mesoporous Silica Functionalized by Nickel-Cyclam Molecules: Preparation and Resonance Raman Study. Current Topics in Biophysics, 2012, 35, 11-18.	0.3	3
57	Magnetocaloric effect in Mâ€“pyrazoleâ€“[Nb(CN)₈] (M = Ni, Mn) molecular compounds. Journal of Physics Condensed Matter, 2012, 24, 506002.	0.7	12
58	Magnetocaloric Effect in a Mn2-Pyridazine-[Nb(CN)8] Molecular Magnetic Sponge. European Journal of Inorganic Chemistry, 2012, 2012, 3830-3834.	1.0	23
59	Glass Transition Dynamics of Poly(phenylmethylsiloxane) Confined within Alumina Nanopores with Different Atomic Layer Deposition (ALD) Coatings. Macromolecules, 0, , .	2.2	1