

Magdalena Laskowska

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous Silica-Based Materials for Electronics-Oriented Applications. <i>Molecules</i> , 2019, 24, 2395.	1.7	59
2	All That Glitters Is Not Silver—A New Look at Microbiological and Medical Applications of Silver Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 854.	1.8	42
3	Functionalization of SBA-15 mesoporous silica by Cu-phosphonate units: Probing of synthesis route. <i>Journal of Solid State Chemistry</i> , 2014, 220, 221-226.	1.4	30
4	Mesoporous silica SBA-15 functionalized by nickel—phosphonic units: Raman and magnetic analysis. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 253-259.	2.2	28
5	Magnetocaloric Effect in a Mn ₂ -Pyridazine-[Nb(CN) ₈] Molecular Magnetic Sponge. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3830-3834.	1.0	23
6	A Family of Octahedral Magnetic Molecules Based on [Nb ^{IV} (CN) ₈] ⁴⁻ . <i>Inorganic Chemistry</i> , 2017, 56, 4021-4027.	1.9	22
7	Functionalized mesoporous silica thin films as a tunable nonlinear optical material. <i>Nanoscale</i> , 2017, 9, 12110-12123.	2.8	22
8	New Class of Antimicrobial Agents: SBA-15 Silica Containing Anchored Copper Ions. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-12.	1.5	18
9	Carbon-Supported Noble-Metal Nanoparticles for Catalytic Applications—A Review. <i>Crystals</i> , 2022, 12, 584.	1.0	18
10	Multi-step functionalization procedure for fabrication of vertically aligned mesoporous silica thin films with metal-containing molecules localized at the pores bottom. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 356-362.	2.2	17
11	The impact of the functionalization of silica mesopores on the structural and biological features of SBA-15. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110453.	2.2	16
12	SBA-15 mesoporous silica activated by metal ions—Verification of molecular structure on the basis of Raman spectroscopy supported by numerical simulations. <i>Journal of Molecular Structure</i> , 2015, 1100, 21-26.	1.8	15
13	Magnetic and magneto-optical properties of nickel hexacyanoferrate/chromate thin films. <i>RSC Advances</i> , 2017, 7, 1382-1386.	1.7	15
14	Nanocomposite for photonics—Nickel pyrophosphate nanocrystals synthesised in silica nanoreactors. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110435.	2.2	15
15	Pyridine Derivatives—A New Class of Compounds That Are Toxic to E. coli K12, R2—R4 Strains. <i>Materials</i> , 2021, 14, 5401.	1.3	14
16	Spin-glass Implementation of a Hopfield Neural Structure. <i>Lecture Notes in Computer Science</i> , 2014, , 89-96.	1.0	14
17	Molecular Approach to Hopfield Neural Network. <i>Lecture Notes in Computer Science</i> , 2015, , 72-78.	1.0	13
18	Relaxation and magnetocaloric effect in the Mn ₁₂ molecular nanomagnet incorporated into mesoporous silica: a comparative study. <i>RSC Advances</i> , 2016, 6, 49179-49186.	1.7	13

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19	The Separation of the Mn ₁₂ Single-Molecule Magnets onto Spherical Silica Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 764.	1.9	13
20	Magnetocaloric effect in M ^{II} -pyrazole ^{II} [Nb(CN) ₈] (M = Ni, Mn) molecular compounds. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 506002.	0.7	12
21	Magnetocaloric effect and critical behavior in Mn ₂ -imidazole-[Nb(CN) ₈] molecular magnetic sponge. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 396, 1-8.	1.0	12
22	Crystalline bilayers unzipped and reziped: solid-state reaction cycle of a metal-organic framework with triple rearrangement of intralayer bonds. <i>CrystEngComm</i> , 2017, 19, 2987-2995.	1.3	12
23	Magnetic behaviour of Mn ₁₂ -stearate single-molecule magnets immobilized inside SBA-15 mesoporous silica matrix. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 478, 20-27.	1.0	12
24	Surface functionalization by silver-containing molecules with controlled distribution of functionalities. <i>Applied Surface Science</i> , 2019, 481, 433-436.	3.1	12
25	How to Control the Distribution of Anchored, Mn ₁₂ -Stearate, Single-Molecule Magnets. <i>Nanomaterials</i> , 2019, 9, 1730.	1.9	10
26	Nanostructured Silica with Anchoring Units: The 2D Solid Solvent for Molecules and Metal Ions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8137.	1.8	10
27	Butterfly-like Heteronuclear 3d ^{II} -4f Metal Clusters: Synthesis, Structures, Magnetic Properties, and Magnetocaloric Effect. <i>Crystal Growth and Design</i> , 2022, 22, 608-614.	1.4	10
28	SBA-15 mesoporous silica free-standing thin films containing copper ions bounded via propyl phosphonate units - preparation and characterization. <i>Journal of Solid State Chemistry</i> , 2016, 241, 143-151.	1.4	9
29	Magnetic Behaviour of Mn ₁₂ -Stearate Single-Molecule Magnets Immobilized on the Surface of 300 nm Spherical Silica Nanoparticles. <i>Materials</i> , 2020, 13, 2624.	1.3	9
30	Iron Doped SBA-15 Mesoporous Silica Studied by Mössbauer Spectroscopy. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-6.	1.5	7
31	Magnetic structure of the mixed antiferromagnet NdMnO_3 . <i>Physical Review B</i> , 2017, 96, 114407.	1.1	7
32	Syntheses, crystal structures and magnetic properties of a series of ZnII ₂ LnIII ₂ compounds (Ln = Gd, Tb). <i>Journal of Solid State Chemistry</i> , 2017, 251, 15917-15929.	1.4	6
33	Ab initio studies for characterization and identification of nanocrystalline copper pyrophosphate confined in mesoporous silica. <i>Nanotechnology</i> , 2021, 32, 415701.	1.3	6
34	Vertically aligned porous silica thin films functionalized by nickel chloride incorporated in walls. <i>Microporous and Mesoporous Materials</i> , 2019, 276, 201-206.	2.2	5
35	Synthesis in Silica Nanoreactor: Copper Pyrophosphate Quantum Dots and Silver Oxide Nanocrystallites Inside Silica Mezochannels. <i>Materials</i> , 2020, 13, 2009.	1.3	5
36	Magnetic Properties Study of Iron Oxide Nanoparticles-Loaded Poly(μ -caprolactone) Nanofibres. <i>Magnetochemistry</i> , 2021, 7, 61.	1.0	5

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37	Influence of the Copper-Containing SBA-15 Silica Fillers on the Mechanical Properties of High Density Polyethylene. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-8.	1.5	4
38	Aging effect on the magnetic properties of Mn ₁₂ -stearate single-molecule magnets anchored onto the surface of spherical silica nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114670.	1.7	4
39	Synthesis of Vertically Aligned Porous Silica Thin Films Functionalized by Silver Ions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7505.	1.8	4
40	Mesoporous Silica Functionalized by Nickel-Cyclam Molecules: Preparation and Resonance Raman Study. <i>Current Topics in Biophysics</i> , 2012, 35, 11-18.	0.3	3
41	Intelligent Approach to the Prediction of Changes in Biometric Attributes. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 1073-1083.	6.5	3
42	Magnetic, Structural and Spectroscopic Properties of Iron(II)-Octacyanonitobate(IV) Crystalline Film Obtained by Ion-Exchange Synthesis. <i>Materials</i> , 2020, 13, 3029.	1.3	3
43	Magnetic structure, excitations and short-range order in honeycomb Na ₂ Ni ₂ TeO ₆ . <i>Journal of Physics Condensed Matter</i> , 2021, 33, 375803.	0.7	3
44	AC Susceptibility Studies of Magnetic Relaxation in Mn ₁₂ -Stearate SMMs on the Spherical Silica Surface. <i>Magnetochemistry</i> , 2021, 7, 122.	1.0	3
45	A new {Cu ₃ â€“Gd ₂ } cluster as a two-in-one functional material with unique topology acting as a refrigerant and adsorbent for cationic dye. <i>CrystEngComm</i> , 2022, 24, 5215-5225.	1.3	3
46	The Concept of Molecular Neurons. <i>Lecture Notes in Computer Science</i> , 2016, , 494-501.	1.0	2
47	Molecular Magnets. <i>Crystals</i> , 2019, 9, 132.	1.0	2
48	Spherical Silica Functionalized by 2-Naphthalene Methanol Luminophores as a Phosphorescence Sensor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13289.	1.8	2
49	Magnetic Properties of Bilayer Thin Film Composed of Hard and Soft Ferromagnetic Prussian Blue Analogues. <i>ChemistrySelect</i> , 2017, 2, 7930-7934.	0.7	1
50	The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4817-4822.	1.0	1
51	Porous Silica-Based Optoelectronic Elements as Interconnection Weights in Molecular Neural Networks. <i>Lecture Notes in Computer Science</i> , 2018, , 130-135.	1.0	1
52	The Concept of 2D Solid Solvents: A New View on Functionalized Silica-Based Materials. <i>Materials Proceedings</i> , 2021, 4, 66.	0.2	1
53	Class Transition Dynamics of Poly(phenylmethylsiloxane) Confined within Alumina Nanopores with Different Atomic Layer Deposition (ALD) Coatings. <i>Macromolecules</i> , 0, , .	2.2	1
54	Front Cover: The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue (<i>Eur. J. Inorg.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00	1.0	0

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55	The Magnetocaloric Effect in the Thin Film of a Prussian Blue Analogue. European Journal of Inorganic Chemistry, 2017, 2017, 4816-4816.	1.0	0
56	Consideration of analogies between magnetic and quantum notices for molecular network. ITM Web of Conferences, 2018, 16, 01006.	0.4	0
57	Some Aspects of Measuring Nonlinear Optical Features of Advanced Vertically Aligned Mesoporous Silica Thin Films Activated by Silver and Copper Ions. , 2018, , .		0
58	Associative Memory Idea in a Nano-Environment. Lecture Notes in Computer Science, 2016, , 535-545.	1.0	0
59	Porous Silica Templated Nanomaterials for Artificial Intelligence and IT Technologies. Lecture Notes in Computer Science, 2017, , 509-517.	1.0	0