

Andrzej Ostrowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Systematic Studies on Liquid Sodium 4,5-dicyano-2-(trifluoromethyl)imidazolate (NaTDI)-Based Electrolytes and Its Impact on the Cycling Behaviour Against Wet Impregnated W/NaNMC and Prussian White Cathodes. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
2	Indium(II) Chloride as a Precursor in the Synthesis of Ternary (Ag-In-S) and Quaternary (Ag-In-Zn-S) Nanocrystals. <i>Chemistry of Materials</i> , 2022, 34, 809-825.	3.2	7
3	Development of cobalt catalyst supported on MgO-Ln ₂ O ₃ (Ln = La, Nd, Eu) mixed oxide systems for ammonia synthesis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 6666-6678.	3.8	16
4	Influence of substituents in aryl groups on the structure, thermal transitions and electrorheological properties of zinc bis(diarylphosphate) hybrid polymers. <i>Dalton Transactions</i> , 2022, . .	1.6	1
5	Suppressing Ni/Li disordering in LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ cathode material for Li-ion batteries by rare earth element doping. <i>Energy Reports</i> , 2022, 8, 3995-4005.	2.5	22
6	Influence of the Support Composition on the Activity of Cobalt Catalysts Supported on Hydrotalcite-Derived Mg-Al Mixed Oxides in Ammonia Synthesis. <i>Chemistry</i> , 2022, 4, 480-493.	0.9	0
7	A high performance barium-promoted cobalt catalyst supported on magnesium-lanthanum mixed oxide for ammonia synthesis. <i>RSC Advances</i> , 2021, 11, 14218-14228.	1.7	14
8	Heterogeneity induced dual luminescence properties of AgInS ₂ and AgInS ₂ -ZnS alloyed nanocrystals. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3450-3462.	3.0	8
9	Caffeine-Cyclodextrin Complexes as Solids: Synthesis, Biological and Physicochemical Characterization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4191.	1.8	6
10	Boosting the Catalytic Performance of Co/Mg/La Catalyst for Ammonia Synthesis by Selecting a Pre-Treatment Method. <i>Catalysts</i> , 2021, 11, 941.	1.6	13
11	1D and 2D hybrid polymers based on zinc phenylphosphates: synthesis, characterization and applications in electroactive materials. <i>RSC Advances</i> , 2021, 11, 7873-7885.	1.7	3
12	On the Sensitivity of the Ni-rich Layered Cathode Materials for Li-ion Batteries to the Different Calcination Conditions. <i>Nanomaterials</i> , 2020, 10, 2018.	1.9	33
13	Kinetic studies of ammonia synthesis over a barium-promoted cobalt catalyst supported on magnesium-lanthanum mixed oxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 241-248.	2.7	16
14	Addition of yttrium oxide as an effective way to enhance the cycling stability of LiCoO ₂ cathode material for Li-ion batteries. <i>Solid State Ionics</i> , 2020, 355, 115426.	1.3	19
15	From Ag ₂ S to luminescent Ag-In-S nanocrystals <i>via</i> an ultrasonic method <i>an in situ</i> synthesis study in an NMR tube. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8942-8952.	2.7	8
16	Different strategies of introduction of lithium ions into nickel-manganese-cobalt carbonate resulting in LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂ (NMC622) cathode material for Li-ion batteries. <i>Solid State Ionics</i> , 2020, 348, 115273.	1.3	22
17	Investigation of different ways of activation of fly ash-cement mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4203-4213.	2.0	23
18	Synthesis of CuFeS ₂ -xSex alloyed nanocrystals with localized surface plasmon resonance in the visible spectral range. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6246-6250.	2.7	14

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19	Highly Luminescent Ag ⁺ In ⁺ Zn ⁺ S Quaternary Nanocrystals: Growth Mechanism and Surface Chemistry Elucidation. <i>Inorganic Chemistry</i> , 2019, 58, 1358-1370.	1.9	27
20	Thermally induced structural transformations of linear coordination polymers based on aluminum tris(diorganophosphates). <i>Dalton Transactions</i> , 2018, 47, 16480-16491.	1.6	5
21	Facile Gram-Scale Synthesis of the First n-Type CuFeS ₂ Nanocrystals for Thermoelectric Applications. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3150-3153.	1.0	17
22	Luminophores of tunable colors from ternary Ag ⁺ In ⁺ S and quaternary Ag ⁺ In ⁺ Zn ⁺ S nanocrystals covering the visible to near-infrared spectral range. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1217-1228.	1.3	29
23	Linear coordination polymers based on aluminum phosphates: synthesis, crystal structure and morphology. <i>Dalton Transactions</i> , 2016, 45, 8008-8020.	1.6	6
24	Microwave Plasma Chemical Vapor Deposition of Sb _x O _y /C negative electrodes and their compatibility with lithium and sodium H ₂ AsF ₆ salts ⁺ based, tailored electrolytes. <i>Electrochimica Acta</i> , 2016, 210, 395-400.	2.6	18
25	Non-injection synthesis of monodisperse Cu ⁺ Fe ⁺ S nanocrystals and their size dependent properties. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15091-15101.	1.3	23
26	Understanding of Lithium 4,5-Dicyanoimidazolate ⁺ Poly(ethylene oxide) System: Influence of the Architecture of the Solid Phase on the Conductivity. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23358-23367.	1.5	8
27	Cu ⁺ Fe ⁺ S Nanocrystals Exhibiting Tunable Localized Surface Plasmon Resonance in the Visible to NIR Spectral Ranges. <i>Inorganic Chemistry</i> , 2016, 55, 6660-6669.	1.9	39
28	Synthesis and crystal growth of microcrystals of the cubic and new orthorhombic polymorphs of (NH ₄) ₂ SnCl ₆ . <i>Crystal Research and Technology</i> , 2015, 50, 764-768.	0.6	4
29	Solvent effect in the synthesis of Cu ⁺ In ⁺ S and Cu ⁺ In ⁺ Se nanocrystals with tunable structure and composition. <i>Materials Chemistry and Physics</i> , 2015, 162, 291-298.	2.0	5
30	Synthesis and surface chemistry of high quality wurtzite and kesterite Cu ₂ ZnSnS ₄ nanocrystals using tin(ii) 2-ethylhexanoate as a new tin source. <i>Chemical Communications</i> , 2015, 51, 12985-12988.	2.2	24
31	Ligand exchange in quaternary alloyed nanocrystals ⁺ a spectroscopic study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23082-23088.	1.3	38
32	A Simple Route to Alloyed Quaternary Nanocrystals Ag ⁺ In ⁺ Zn ⁺ S with Shape and Size Control. <i>Inorganic Chemistry</i> , 2014, 53, 5002-5012.	1.9	52
33	Effect of indium precursor and ligand type on the structure, morphology and surface functionalization of InP nanocrystals prepared by gas ⁺ liquid approach. <i>Synthetic Metals</i> , 2014, 187, 94-101.	2.1	4
34	Solid-state structure of methyl 2,4,6-tri-O-acetyl-3-O-(2,3,4,6-tetra-O-acetyl- ¹² -d-glucopyranosyl)- ¹² -d-galactopyranoside and methyl 3,4,6-tri-O-acetyl-2-O-(2,3,4,6-tetra-O-acetyl- ¹² -d-glucopyranosyl)- ¹² -d-galactopyranoside. <i>Journal of Molecular Structure</i> , 2013, 1037, 49-56.	1.8	3
35	Single-crystal and powder X-ray diffraction, ¹³ C CP/MAS NMR, and DFT-GIAO calculations of methyl 3,4,6-tri-O-acetyl-2-O-(2,3,4,6-tetra-O-acetyl- ¹² -d-galactopyranosyl)- ¹² -d-glucopyranoside and methyl 2,4,6-tri-O-acetyl-3-O-(2,3,4,6-tetra-O-acetyl- ¹² -d-galactopyranosyl)- ¹² -d-glucopyranoside. <i>Journal of Molecular Structure</i> , 2013, 1036, 407-413.	1.8	2
36	Crystal and molecular structure of nitrophenyl 2,3,4-tri-O-acetyl- ¹² -d-xylopyranosides. <i>Journal of Molecular Structure</i> , 2012, 1007, 227-234.	1.8	1

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37	Solid-state structure of N-o-, N-m-, and N-p-nitrophenyl-2,3,4-tri-O-acetyl- β -D-xylopyranosylamines. Carbohydrate Research, 2011, 346, 2491-2498.	1.1	2
38	Effects of compositional and structural features on corrosion behavior of nickel-tungsten alloys. Journal of Solid State Electrochemistry, 2009, 13, 263-275.	1.2	63
39	Single-crystal and powder X-ray diffraction and solid-state ^{13}C NMR of p-nitrophenyl glycopyranosides, the derivatives of d-galactose, d-glucose, and d-mannose. Carbohydrate Research, 2009, 344, 1734-1744.	1.1	11
40	Organically Modified Aluminophosphates: Transformation of Boehmite into Nanoparticles and Fibers Containing Aluminodiethylphosphate Tectons. Chemistry of Materials, 2007, 19, 5584-5592.	3.2	18
41	GaN growth by sublimation sandwich method. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1065-1068.	0.8	0