

Natalia Gąrska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Modifications of EHPDB Physical Properties through Doping with Fe ₂ O ₃ Nanoparticles (Part II). International Journal of Molecular Sciences, 2022, 23, 50.	4.1	0
2	Comparison of the Dielectric Properties of Ecoflex® with L,D-Poly(Lactic Acid) or Polycaprolactone in the Presence of SWCN or 5CB. Materials, 2021, 14, 1719.	2.9	9
3	Modifications of FLC Physical Properties through Doping with Fe ₂ O ₃ Nanoparticles (Part I). Materials, 2021, 14, 4722.	2.9	5
4	Characteristics of Plastic Waste Processing in the Modern Recycling Plant Operating in Poland. Energies, 2021, 14, 35.	3.1	8
5	Influence of TiO ₂ Nanoparticles on Liquid Crystalline, Structural and Electrochemical Properties of (8Z)-N-(4-((Z)-(4-pentylphenylimino)methyl)benzylidene)-4-pentylbenzenamine. Materials, 2019, 12, 1097.	2.9	22
6	Thermal, structural and electrochemical properties of new aliphatic-aromatic imine with piperazine moieties blended with titanium dioxide. Phase Transitions, 2018, 91, 210-224.	1.3	6
7	Study of TiO ₂ in anatase form on selected properties of new aliphatic-aromatic imines with bent shape towards organic electronics. Liquid Crystals, 2018, 45, 831-843.	2.2	9
8	Hybrid Materials Based on L,d-Poly(lactic acid) and Single-Walled Carbon Nanotubes as Flexible Substrate for Organic Devices. Polymers, 2018, 10, 1271.	4.5	11
9	Structural and electrochemical studies of TiO ₂ complexes with (4,4'-((1 <i>i</i> >E <i>i</i> /i>,1 <i>i</i> >E <i>i</i> /i>)-(2,5-bis(octyloxy)-1,4-phenylene)bis(ethene-2,1-diyl))bis(< <i>i</i> >E <i>i</i> /i>)-< <i>i</i> >N <i>i</i> /i>-(2,5-bis(octyloxy)benzylidene)imine derivative bases towards organic devices. Dalton Transactions, 2018, 47, 7682-7693.	3.0	0
10	Synthesis and characterization of two new TiO ₂ -containing benzothiazole-based imine composites for organic device applications. Beilstein Journal of Nanotechnology, 2018, 9, 721-739.	2.8	13
11	Surface and liquid-crystalline properties of FmHnFm triblock semifluorinated n-alkanes. Materials Science and Engineering C, 2016, 62, 870-878.	7.3	8
12	Fourier transform infrared spectroscopy and differential scanning calorimetry studies of the phase transitions and molecular motions in polycrystalline [Al(DMSO) ₆](ClO ₄) ₃ and [Al(DMSO) ₆](BF ₄) ₃ . Vibrational Spectroscopy, 2016, 86, 253-261.	2.2	1
13	Mesophases of non-conventional liquid crystalline molecules. Journal of Thermal Analysis and Calorimetry, 2016, 126, 689-697.	3.6	6
14	Synthesis and thermal behavior of triblock semifluorinated n-alkanes. Journal of Thermal Analysis and Calorimetry, 2016, 124, 251-260.	3.6	3
15	Vibration-reorientation dynamics, structural changes and its interrelation with the phase transition in polycrystalline [Cr(OC(NH ₂) ₂) ₆](BF ₄) ₃ . Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 154, 237-242.	3.9	2
16	Thermal properties of [Cr(NH ₃) ₆](BF ₄) ₃ studied by adiabatic and relaxation calorimetry. Journal of Chemical Thermodynamics, 2015, 89, 223-227.	2.0	1
17	A comprehensive study on crystal structure, thermal behavior, and molecular dynamics of [Sr(DMSO) ₄ (NO ₃) ₃] ₂ . Journal of Coordination Chemistry, 2014, 67, 3135-3154.	2.2	5
18	Bistable Multifunctionality and Switchable Strong Ferromagnetic-to-Antiferromagnetic Coupling in a One-Dimensional Rhodium(I)-Semiquinonato Complex. Journal of the American Chemical Society, 2014, 136, 7026-7037.	13.7	38

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19	Structural and calorimetric investigations of a highly disordered crystal $[\text{Co}(\text{NH}_3)_6](\text{BF}_4)_3$. Journal of Coordination Chemistry, 2013, 66, 1238-1251.	2.2	5
20	Calorimetric, spectroscopic and structural investigations of phase polymorphism in $[\text{Ru}(\text{NH}_3)_6](\text{BF}_4)_3$. Part I. Journal of Solid State Chemistry, 2013, 197, 429-439.	2.9	4
21	Phase polymorphism of novel $[\text{Ru}(\text{NH}_3)_6](\text{ClO}_4)_3$ Comparison with $[\text{Ru}(\text{NH}_3)_6](\text{BF}_4)_3$. Part II. Journal of Solid State Chemistry, 2013, 204, 233-244.	2.9	3
22	Phase transitions in $[\text{Co}(\text{NH}_3)_6](\text{ClO}_4)_3$ investigated by neutron scattering methods. Chemical Physics, 2013, 412, 1-6.	1.9	3
23	Calorimetric and vibrational spectroscopic investigations of phase transitions in crystalline $[\text{Cr}(\text{OS}(\text{CH}_3)_2)_6](\text{BF}_4)_3$. Vibrational Spectroscopy, 2012, 62, 222-228.	2.2	12
24	Structure, molecular motion, and phase transition of a highly disordered crystal $[\text{Co}(\text{NH}_3)_6](\text{ClO}_4)_3$. RSC Advances, 2012, 2, 4283.	3.6	10
25	Phase transitions and reorientational motions in $[\text{Al}(\text{OS}(\text{CH}_3)_2)_6](\text{NO}_3)_3$ and its deuterated analog. Thermochimica Acta, 2012, 533, 66-73.	2.7	5
26	Low temperature crystal structure of $[\text{Cr}(\text{NH}_3)_6](\text{BF}_4)_3$. Journal of Alloys and Compounds, 2007, 442, 80-82.	5.5	2
27	Phase Polymorphism, Molecular Motions and Structural Changes in $[\text{Cr}(\text{NH}_3)_3(\text{H}_2\text{O})_6](\text{ClO}_4)_3$. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2007, 62, 179-186.	1.5	8
28	Phase transitions and molecular motions in $[\text{Ni}(\text{ND}_3)_6](\text{ClO}_4)_2$. Journal of Solid State Chemistry, 2004, 177, 2733-2739.	2.9	10