

Alicja Ratuszna

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Platinum(II) coordination compounds with 4 π -pyridyl functionalized 2,2 π :6 π :2 π -terpyridines as an alternative to enhanced chemotherapy efficacy and reduced side-effects. <i>Journal of Inorganic Biochemistry</i> , 2019, 201, 110809.	3.5	12
2	Cobalt protoporphyrin IX increases endogenous G β -CSF and mobilizes HSC and granulocytes to the blood. <i>EMBO Molecular Medicine</i> , 2019, 11, e09571.	6.9	13
3	Evolution of glassy carbon under heat treatment: correlation structure \leftrightarrow mechanical properties. <i>Journal of Materials Science</i> , 2018, 53, 3509-3523.	3.7	111
4	New insight into the shortening of the collagen fibril D-period in human cornea. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 551-563.	3.5	6
5	Iron Chelators and Exogenic Photosensitizers. Synergy through Oxidative Stress Gene Expression. <i>Journal of Cancer</i> , 2017, 8, 1979-1987.	2.5	15
6	Effect of silver/copper and copper oxide nanoparticle powder on growth of Gram-negative and Gram-positive bacteria and their toxicity against the normal human dermal fibroblasts. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	10
7	Evidence of slow Debye-like relaxation in the anti-inflammatory agent etoricoxib. <i>Physical Review E</i> , 2015, 92, 022309.	2.1	15
8	Synthesis of New Styrylquinoline Cellular Dyes, Fluorescent Properties, Cellular Localization and Cytotoxic Behavior. <i>PLoS ONE</i> , 2015, 10, e0131210.	2.5	20
9	Physicochemical properties of potential porphyrin photosensitizers for photodynamic therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 146, 249-254.	3.9	36
10	Theoretical reproduction of the Q-band absorption spectrum of free-base chlorin. <i>Journal of Chemical Physics</i> , 2015, 142, 034302.	3.0	2
11	Toward a Better Understanding of the Physical Stability of Amorphous Anti-Inflammatory Agents: The Roles of Molecular Mobility and Molecular Interaction Patterns. <i>Molecular Pharmaceutics</i> , 2015, 12, 3628-3638.	4.6	36
12	Lessons from Chlorophylls: Modifications of Porphyrinoids Towards Optimized Solar Energy Conversion. <i>Molecules</i> , 2014, 19, 15938-15954.	3.8	37
13	Iron Chelators in Photodynamic Therapy Revisited: Synergistic Effect by Novel Highly Active Thiosemicarbazones. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 336-339.	2.8	30
14	Exploring the Anti-Cancer Activity of Novel Thiosemicarbazones Generated through the Combination of Retro-Fragments: Dissection of Critical Structure-Activity Relationships. <i>PLoS ONE</i> , 2014, 9, e110291.	2.5	61
15	Theoretical investigation of porphyrin-based photosensitizers with enhanced NIR absorption. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19651.	2.8	11
16	DFT/TD-DFT study of solvent effect as well the substituents influence on the different features of TPP derivatives for PDT application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 104, 315-327.	3.9	16
17	Spatial arrangement of collagen fibrils in normal and keratoconus human cornea studied by low-frequency dielectric spectroscopy. <i>Acta Ophthalmologica</i> , 2012, 90, 0-0.	1.1	0
18	Temperature evolution of the crystal structure in SrTiO ₃ doped by W ⁶⁺ , Ni ³⁺ , Fe ³⁺ and La ³⁺ . <i>Phase Transitions</i> , 2011, 84, 1015-1027.	1.3	2

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19	X-Ray powder diffraction study of structural phase transitions in (Ba _{0.5} Sr _{0.5})PbO ₃ perovskite. Phase Transitions, 2004, 77, 335-344.	1.3	6
20	Temperature Evolution of the Crystal Structure of AgNbO ₃ . Phase Transitions, 2003, 76, 611-620.	1.3	75
21	Comparative Structural and Electrical Studies of V ₂ O ₃ and V ₂ â€”xNi _x O ₃ (0 < x < 0.75) Solid Solution Dedicated to Professor Joachim StrÄhle on the Occasion of his 65th Birthday. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1236.	1.2	20
22	Comparative Structural and Electrical Studies of V ₂ O ₃ and V ₂ â€”xNi _x O ₃ (0 < x < 0.75) Solid Solution. , 2002, 628, 1236.		3
23	CRYSTAL STRUCTURE OF CuCr₂Se₄, Cu_{0.8}Co_{0.2}Cr₂Se₄ AND Cu_{0.4}Co_{0.6}Cr₂Se₄. , 2001, , ,		1
24	Raman study of KMnF ₃ perovskite crystals doped by Na ⁺ . Phase Transitions, 2000, 72, 165-181.	1.3	10
25	Influence of the cationic substitution on the mechanism of structural phase transitions in RbCaF ₃ and KCaF ₃ : Study of a typical mixed crystal Rb _{0.68} K _{0.32} CaF ₃ . The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 319-330.	0.6	2
26	Crystal structure of cyanometallates <i>Me</i>₃[<i>Co</i>(<i>CN</i>)₆]₂ and <i>KMe</i>[<i>Fe</i>(<i>CN</i>)₆] with <i>Me</i>=<i>Mn</i>²⁺, <i>Ni</i>²⁺, <i>Cu</i>²⁺. Powder Diffraction, 1999, 14, 25-30.	0.2	25
27	Crystal structure of KCaF ₃ determined by the Rietveld profile method. Powder Diffraction, 1997, 12, 70-75.	0.2	19
28	Structural phase transitions in KMnF ₃ doped by Li ⁺ , Na ⁺ and Rb ⁺ . Phase Transitions, 1997, 62, 181-198.	1.3	9
29	Crystal structure of Cr ₂ [Ni(CN) ₄] ₃ ·10H ₂ O. Powder Diffraction, 1996, 11, 318-320.	0.2	2
30	Optical and X-ray evidence of structural phase transitions in mixed (Rb _{1-â€”x} K _x)CaF ₃ crystals. Phase Transitions, 1995, 54, 43-59.	1.3	13
31	Crystal structure of the three-dimensional magnetic network of type Me ₃ [Fe(CN) ₆]·mH ₂ O, where Me=Cu, Ni, Co. Powder Diffraction, 1995, 10, 300-305.	0.2	15