

Maria Czaja

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical properties of Pr ³⁺ , Sm ³⁺ and Er ³⁺ doped P ₂ O ₅ -CaO-SrO-BaO phosphate glass. Optical Materials, 2010, 32, 547-553.	3.6	131
2	Applications of Judd-Ofelt theory to praseodymium and samarium ions in phosphate glass. Optical Materials, 2009, 31, 1898-1901.	3.6	33
3	Optical properties of Nd ³⁺ and Er ³⁺ ions in TeO ₂ -WO ₃ -PbO-La ₂ O ₃ glasses. Optical Materials, 2012, 34, 2050-2054.	3.6	27
4	Luminescence spectroscopy of Cr ³⁺ and Mn ²⁺ in spodumene (LiAlSi ₂ O ₆). Journal of Luminescence, 1997, 72-74, 278-280.	3.1	25
5	Fundamental parameters method for determination of rare earth elements in apatites by wavelength-dispersive X-ray fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 741.	3.0	25
6	Aromatic compounds in molecular phase of Baltic amber synchronous luminescence analysis. Talanta, 2002, 56, 1049-1059.	5.5	22
7	The luminescence properties of rare-earth ions in natural fluorite. Physics and Chemistry of Minerals, 2012, 39, 639-648.	0.8	22
8	The absorption- and luminescence spectra of Mn ³⁺ in beryl and vesuvianite. Physics and Chemistry of Minerals, 2018, 45, 475-488.	0.8	22
9	The use of synchronous luminescence spectroscopy in qualitative analysis of aromatic fraction of hard coal thermolysis products. Talanta, 2000, 52, 457-464.	5.5	19
10	Concentration-dependent spectroscopic properties of Pr ³⁺ ions in TeO ₂ -WO ₃ -PbO-La ₂ O ₃ glass. Journal of Non-Crystalline Solids, 2014, 400, 21-26.	3.1	19
11	Optical properties of zoisite. Physical Review B, 1994, 50, 12297-12300.	3.2	18
12	Luminescence properties of rare earth ions in fluorite, apatite and scheelite minerals. Journal of Alloys and Compounds, 2008, 451, 290-292.	5.5	18
13	Optical properties of the Tm ³⁺ and energy transfer between Tm ³⁺ and Pr ³⁺ ions in P ₂ O ₅ -CaO-SrO-BaO phosphate glass. Optical Materials, 2011, 33, 506-510.	3.6	18
14	Optical properties of $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevi.$	1.2	14
15	Magnetic susceptibility and luminescence of $\text{I}^{\pm}\text{-ZnAl}_2\text{S}_4$ tiopinel doped with chromium. Chemical Physics, 2000, 254, 25-30.	1.9	13
16	The Mössbauer spectra of prasiolite and amethyst crystals from Poland. Physics and Chemistry of Minerals, 2017, 44, 365-375.	0.8	12
17	Luminescence properties of Pr ³⁺ and Sm ³⁺ ions in natural apatites. Physics and Chemistry of Minerals, 2010, 37, 425-433.	0.8	11
18	Optical properties of tsavorite Ca ₃ Al ₂ (SiO ₄) ₃ :Cr ³⁺ ,V ³⁺ from Kenya. Journal of Luminescence, 1995, 65, 335-340.	3.1	9

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19	Optically induced carbazoyl containing polyethers: Concentration effects. <i>Journal of Molecular Structure</i> , 2008, 887, 205-208.	3.6	9
20	Steady-state luminescence measurement for qualitative identification of rare earth ions in minerals. <i>Journal of Mineralogical and Petrological Sciences</i> , 2013, 108, 47-54.	0.9	8
21	The fluorescence decay times and quantum efficiencies of 1,4,5,8-naphthalisoimides. <i>Journal of Luminescence</i> , 2015, 158, 103-109.	3.1	8
22	Experimental Anticancer Therapy with Vascular-disruptive Peptide and Liposome-entrapped Chemotherapeutic Agent. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2010, 58, 235-245.	2.3	7
23	Luminescence and other spectroscopic properties of purple and green Cr-clinochlore. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 115-126.	0.8	7
24	Spectroscopic and structural investigations of blue afluillite from Ma'ale Adummim locality, Palestinian Autonomy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117688.	3.9	6
25	Chromatographic and spectroscopic analysis of the fluorescent compounds derived from monosaccharides on HPTLC-NH ₂ plates. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 449-453.	1.2	6
26	Vibrational structure of luminescence spectrum of Cr ³⁺ in MgAl ₂ O ₄ . <i>Physics and Chemistry of Minerals</i> , 1993, 20, 120.	0.8	5
27	Crystal-field analysis of Cr ³⁺ in grossular Ca ₃ Al ₂ (SiO ₄) ₃ . <i>Optical Materials</i> , 1994, 3, 95-98.	3.6	5
28	The afterglow effect of Mn-bearing natural LiAlSi ₂ O ₆ spodumene crystals. <i>Optical Materials</i> , 2019, 96, 109321.	3.6	5
29	Magnetization and magnetic susceptibility of kunzite. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 221, 273-277.	2.3	4
30	Photoluminescence of Ce ³⁺ and Eu ²⁺ in low-P ternesite from the Negev Desert, Israel. <i>Physics and Chemistry of Minerals</i> , 2017, 44, 553-559.	0.8	4
31	Some Complementary Data about the Spectroscopic Properties of Manganese Ions in Spodumene Crystals. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 554.	2.0	4
32	The Use of Synchronous Fluorescence Technique in Environmental Investigations of Polycyclic Aromatic Hydrocarbons in Airborne Particulate Matter from an Industrial Region in Poland. , 0, , .		4
33	Luminescence Properties of Tetrahedral Coordinated Mn ²⁺ ; Genthelvitte and Willemite Examples. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1215.	2.0	4
34	Crystal-field analysis of the Cr ³⁺ at monoclinic symmetry (Cs) in Ca ₂ Al ₃ Si ₃ O ₁₂ (OH) zoisite from tanzania. <i>Journal of Applied Spectroscopy</i> , 1995, 62, 643-647.	0.7	3
35	Luminescence of Agrellite Specimen from the Kipawa River Locality. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 752.	2.0	3
36	Spectroscopic properties and crystal-field analysis of Cr ³⁺ ions in kyanite Al ₂ SiO ₅ . <i>Journal of Applied Spectroscopy</i> , 1995, 62, 648-655.	0.7	2

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37	Luminescence spectroscopy of Cr ³⁺ and Mn ²⁺ in spodumene crystals. , 1997, , .		1
38	Magnetization and magnetic susceptibility of jadeite. European Journal of Mineralogy, 2004, 16, 671-675.	1.3	1
39	Photoluminescent properties of rare-earth ions in TeO ₂ -WO ₃ -PbO-La ₂ O ₃ glasses. , 2011, , .		0
40	The effect of gamma irradiation on the fluorescence properties of 1,4,5,8-naphthalisoimides. Radiation Physics and Chemistry, 2015, 110, 67-71.	2.8	0
41	Chemical Diversity of Teeth and Bone Fragments from a Newly Discovered Upper Muschelkalk Bone Bed from Silesia, Poland. Minerals (Basel, Switzerland), 2022, 12, 469.	2.0	0