

Miroslav D DramiÄanin

List of Publications by Year in descending order

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247
papers

11,079
citations

38720

50
h-index

36008

97
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all docs

250
docs citations

250
times ranked

13405
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide dopant stabilized Ti ³⁺ state and supersensitive Ti ³⁺ -based multiparametric luminescent thermometer in SrTiO ₃ :Ln ³⁺ (Ln ³⁺ = Lu ³⁺ , La ³⁺ , Tb ³⁺) nanocrystals. <i>Chemical Engineering Journal</i> , 2022, 428, 131165.	6.6	21
2	Near-Infrared Luminescent Lifetime-Based Thermometry with Mn ⁵⁺ -Activated Sr ₃ (PO ₄) ₂ and Ba ₃ (PO ₄) ₂ Phosphors. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1057-1062.	2.0	22
3	Photoluminescence of the Eu ³⁺ -Activated YxLu ^{1-x} NbO ₄ (x = 0, 0.25, 0.5, 0.75, 1) Solid-Solution Phosphors. <i>Crystals</i> , 2022, 12, 427.	1.0	7
4	Effects of chemical composition on the structural stability, elastic, vibrational, and electronic properties of Cs ₂ NaLnX ₆ (Ln = La, Lu, X = F, Cl, Br, I) elpasolites. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1489-1500.	1.9	7
5	All near-infrared multiparametric luminescence thermometry using Er ³⁺ , Yb ³⁺ -doped YAG nanoparticles. <i>RSC Advances</i> , 2021, 11, 15933-15942.	1.7	11
6	Strong sensitivity enhancement in lifetime-based luminescence thermometry by co-doping of SrTiO ₃ :Mn ⁴⁺ nanocrystals with trivalent lanthanide ions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10309-10316.	2.7	14
7	Luminescence Intensity Ratio Thermometry with Er ³⁺ : Performance Overview. <i>Crystals</i> , 2021, 11, 189.	1.0	34
8	Supersensitive Sm ²⁺ -Activated Al ₂ O ₃ Thermometric Coatings for High-Resolution Multiple Temperature Readouts from Luminescence. <i>Advanced Materials Technologies</i> , 2021, 6, 2001201.	3.0	24
9	Judd-Ofelt Parametrization from the Emission Spectrum of Pr ³⁺ Doped Materials: Theory, Application Software, and Demonstration on Pr ³⁺ Doped YF ₃ and LaF ₃ . <i>Advanced Theory and Simulations</i> , 2021, 4, 2100082.	1.3	7
10	Multiparametric luminescence thermometry from Dy ³⁺ , Cr ³⁺ double activated YAG. <i>Journal of Luminescence</i> , 2021, 238, 118306.	1.5	22
11	Narrow-band red phosphors of high colour purity based on Eu ³⁺ -activated apatite-type Gd _{9.33} (SiO ₄) ₆ O ₂ . <i>Journal of Materials Chemistry C</i> , 2021, 9, 7474-7484.	2.7	27
12	The role of Cr ³⁺ and Cr ⁴⁺ in emission brightness enhancement and sensitivity improvement of NIR-emitting Nd ³⁺ /Er ³⁺ ratiometric luminescent thermometers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12671-12680.	2.7	17
13	Pesticide-induced photoluminescence quenching of ultra-small Eu ³⁺ -activated phosphate and vanadate nanoparticles. <i>Journal of Materials Science and Technology</i> , 2020, 38, 197-204.	5.6	8
14	Judd-Ofelt parametrization from emission spectra: The case study of the Eu ³⁺ 5D ₁ emitting level. <i>Chemical Physics</i> , 2020, 528, 110513.	0.9	36
15	Temperature and concentration dependent Judd-Ofelt analysis of Y ₂ O ₃ :Eu ³⁺ and YVO ₄ :Eu ³⁺ . <i>Physica B: Condensed Matter</i> , 2020, 579, 411891.	1.3	8
16	Structural and Luminescent Properties of Y ₂ Mo ₄ O ₁₅ :Eu ³⁺ Red Phosphor Calcined at Different Temperatures. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900454.	0.7	2
17	Single-Crystal Red Phosphors: Enhanced Optical Efficiency and Improved Chemical Stability for wLEDs. <i>Advanced Optical Materials</i> , 2020, 8, 1901512.	3.6	36
18	Absorption and fluorescence spectral properties of azo dyes based on 3-amido-6-hydroxy-4-methyl-2-pyridone: Solvent and substituent effects. <i>Dyes and Pigments</i> , 2020, 175, 108139.	2.0	27

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19	Trends in luminescence thermometry. Journal of Applied Physics, 2020, 128, .	1.1	303
20	Surface Plasmon Enhancement of Eu ³⁺ Emission Intensity in LaPO ₄ /Ag Nanoparticles. Materials, 2020, 13, 3071.	1.3	4
21	Making Nd ³⁺ a Sensitive Luminescent Thermometer for Physiological Temperatures—An Account of Pitfalls in Boltzmann Thermometry. Nanomaterials, 2020, 10, 543.	1.9	94
22	Ratiometric temperature measurement using negative thermal quenching of intrinsic BiFeO ₃ semiconductor nanoparticles. RSC Advances, 2020, 10, 16982-16986.	1.7	1
23	Luminescence Thermometry Using Dy ³⁺ -Activated Na _{0.25} K _{0.25} Bi _{0.5} TiO ₃ Powders. Journal of Electronic Materials, 2020, 49, 4002-4009.	1.0	4
24	Structural modulation induced intensity enhancement of full color spectra: a case of Ba ₃ ZnTa ₂ xNb _x O ₉ :Eu ³⁺ phosphors. Journal of Materials Chemistry C, 2020, 8, 6715-6723.	2.7	15
25	Comparison of Three Ratiometric Temperature Readings from the Er ³⁺ Upconversion Emission. Nanomaterials, 2020, 10, 627.	1.9	44
26	Judd-Ofelt modelling of the dual-excited single band ratiometric luminescence thermometry. Journal of Luminescence, 2020, 225, 117369.	1.5	30
27	Zinc oxide nanoparticles prepared by thermal decomposition of zinc benzenepolycarboxylato precursors: Photoluminescent, photocatalytic and antimicrobial properties. Journal of the Serbian Chemical Society, 2020, 85, 1475-1488.	0.4	3
28	The Parallel Factor Analysis of Beer Fluorescence. Journal of Fluorescence, 2019, 29, 1103-1111.	1.3	14
29	Structure and enhanced antimicrobial activity of mechanically activated nano TiO ₂ . Journal of the American Ceramic Society, 2019, 102, 7735-7745.	1.9	10
30	$\text{NaLi}_0\text{Ti}_8\text{Nb}_0\text{O}_{20}\text{Ti}_3$ Optics Communications, 2019, 452, 342-346.	1.0	99
31	An extension of the Judd-Ofelt theory to the field of lanthanide thermometry. Journal of Luminescence, 2019, 216, 116749.	1.5	59
32	Custom-built thermometry apparatus and luminescence intensity ratio thermometry of ZrO ₂ :Eu ³⁺ and Nb ₂ O ₅ :Eu ³⁺ . Measurement Science and Technology, 2019, 30, 045001.	1.4	20
33	Eu ³⁺ -Activated Sr ₃ ZnTa ₂ O ₉ single-component white light phosphors: emission intensity enhancement and color rendering improvement. Journal of Materials Chemistry C, 2019, 7, 2596-2603.	2.7	63
34	Detection of Cu ²⁺ ions in aqueous solution via emission quenching of colloidal EuPO ₄ ultrasmall nanoparticles. Optical Materials, 2019, 89, 142-148.	1.7	12
35	Time-integrated luminescence thermometry of Eu ³⁺ and Dy ³⁺ doped YVO ₄ . Sensors and Actuators A: Physical, 2019, 295, 450-455.	2.0	31
36	Li ₂ TiO ₃ :Mn ⁴⁺ Deep-Red Phosphor for the Lifetime-Based Luminescence Thermometry. ChemistrySelect, 2019, 4, 7067-7075.	0.7	41

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37	Approximate prediction of the CIE coordinates of lanthanide-doped materials from the Judd-Ofelt intensity parameters. <i>Journal of Luminescence</i> , 2019, 213, 395-400.	1.5	12
38	Structure, morphology, and luminescent behavior of RE ³⁺ -doped GdVO ₄ thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	1
39	Efficient Luminescence Enhancement of Mg ₂ TiO ₄ :Mn ⁴⁺ Red Phosphor by Incorporating Plasmonic Ag@SiO ₂ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21004-21009.	4.0	25
40	High-throughput first-principles calculations as a powerful guiding tool for materials engineering: Case study of the AB ₂ X ₄ (A ²⁻ =Be, Mg, Ca, Sr, Ba; B ³⁺ =Al, Ga, In; X ²⁻ =O, S) spinel compounds. <i>Results in Physics</i> , 2019, 13, 102180.	1.8	18
41	Annealing effect on the photoluminescence properties of Ce ³⁺ doped YPO ₄ nanophosphors. <i>Optical Materials</i> , 2019, 91, 35-41.	1.7	8
42	Photoluminescence properties and thermal stability of RE _{2-x} Eu _x Sn ₂ O ₇ (RE ³⁺ =Y ³⁺ , Gd ³⁺ , Lu ³⁺) red nanophosphors: An experimental and theoretical study. <i>Powder Technology</i> , 2019, 346, 150-159.	2.1	26
43	Judd-Ofelt and chromaticity analysis of hafnia doped with trivalent europium as a potential white LED phosphor. <i>Optical Materials</i> , 2019, 88, 392-395.	1.7	21
44	The influence of gamma irradiation on the color change of wool, linen, silk, and cotton fabrics used in cultural heritage artifacts. <i>Radiation Physics and Chemistry</i> , 2019, 156, 307-313.	1.4	16
45	JOES: An application software for Judd-Ofelt analysis from Eu ³⁺ emission spectra. <i>Journal of Luminescence</i> , 2019, 205, 351-356.	1.5	126
46	Particle size effects on the structure and emission of Eu ³⁺ :LaPO ₄ and EuPO ₄ phosphors. <i>Journal of Luminescence</i> , 2018, 195, 420-429.	1.5	48
47	Mn ²⁺ and Mn ⁴⁺ red phosphors: synthesis, luminescence and applications in WLEDs. A review. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2652-2671.	2.7	511
48	Intra- and inter-configurational luminescence spectroscopy of Pr ³⁺ -doped YPO ₄ nanophosphors. <i>Current Applied Physics</i> , 2018, 18, 437-446.	1.1	7
49	Luminescence temperature sensing in visible and NIR spectral range using Dy ³⁺ and Nd ³⁺ doped YNbO ₄ . <i>Sensors and Actuators A: Physical</i> , 2018, 270, 89-96.	2.0	52
50	Gamma-radiation effects on luminescence properties of Eu ³⁺ activated LaPO ₄ phosphor. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 422, 85-90.	0.6	4
51	Multicolor-tunable emissions of YOF: Ln ³⁺ /Yb ³⁺ (Ln ³⁺ = Ho ³⁺ , Er ³⁺ , Tm ³⁺) nanophosphors. <i>Dyes and Pigments</i> , 2018, 155, 233-240.	2.0	20
52	Broad-band emission of A ₃ B ₂ A ₂ O ₉ complex perovskites (A = Ba, Sr; Tj ETQqO O rgBT Chemistry C, 2018, 6, 12566-12574.	2.7	11
53	Radiation effects, photoluminescence and radioluminescence of Eu-doped (Y _{0.7} Gd _{0.3}) ₂ O ₃ nanoparticles with various sizes. <i>Optical Materials</i> , 2018, 86, 582-589.	1.7	1
54	Radiation effects on luminescent and structural properties of YPO ₄ : Pr ³⁺ nanophosphors. <i>Radiation Effects and Defects in Solids</i> , 2018, 173, 1054-1067.	0.4	1

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55	Luminescence Intensity Ratio thermometry and Judd-Ofelt analysis of TiO ₂ :Eu ³⁺ . Optical Materials, 2018, 85, 261-266.	1.7	42
56	Detection of Adulterated Honey by Fluorescence Excitation-Emission Matrices. Journal of Spectroscopy, 2018, 2018, 1-6.	0.6	19
57	Improved coloristic properties and high NIR reflectance of environment-friendly yellow pigments based on bismuth vanadate. Ceramics International, 2018, 44, 22731-22737.	2.3	28
58	High resolution luminescence spectroscopy and thermoluminescence of different size LaPO ₄ :Eu ³⁺ nanoparticles. Optical Materials, 2018, 82, 39-46.	1.7	5
59	MgTiO ₃ :Mn ⁴⁺ a multi-reading temperature nanoprobe. RSC Advances, 2018, 8, 18341-18346.	1.7	56
60	Highly Sensitive Dual Self-Referencing Temperature Readout from the Mn ⁴⁺ /Ho ³⁺ Binary Luminescence Thermometry Probe. Advanced Optical Materials, 2018, 6, 1800552.	3.6	113
61	A comparative study of photocatalytically active nanocrystalline tetragonal zircon-type and monoclinic scheelite-type bismuth vanadate. Ceramics International, 2018, 44, 17953-17961.	2.3	30
62	DUV fluorescence bioimaging study of the interaction of partially reduced graphene oxide and liver cancer cells. 2D Materials, 2018, 5, 045019.	2.0	3
63	Simple route for the preparation of graphene/poly(styrene- <i>b</i> -butadiene- <i>b</i> -styrene) nanocomposite films with enhanced electrical conductivity and hydrophobicity. Polymer International, 2018, 67, 1118-1127.	1.6	4
64	Introduction to Measurements of Temperature. , 2018, , 1-12.		2
65	Temperature and Ways of Measuring It. , 2018, , 13-32.		1
66	Luminescence: The Basics, Methods, and Instrumentation. , 2018, , 33-61.		3
67	Schemes for Temperature Read-Out From Luminescence. , 2018, , 63-83.		5
68	Methods of Analysis for Luminescence Thermometry Measurements. , 2018, , 85-112.		1
69	Lanthanide and Transition Metal Ion Doped Materials for Luminescence Temperature Sensing. , 2018, , 113-157.		18
70	Luminescence Temperature Sensing Using Organic Materials. , 2018, , 189-214.		1
71	Applications of Luminescence Thermometry in Engineering. , 2018, , 215-233.		10
72	Biomedical Applications of Luminescence Thermometry. , 2018, , 235-250.		5

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73	Temperature Measurements at the Nanoscale. , 2018, , 251-263.		3
74	Achieving Multifunctionality by Combining Thermometry With Other Luminescence Applications. , 2018, , 265-286.		0
75	Accuracy in determining absorbed irradiation dose at different temperature measurements using ethanol chlorobenzene - oscillotitrator system. Nuclear Technology and Radiation Protection, 2018, 33, 363-368.	0.3	6
76	Discoloration of resin based composites in natural juices and energy drinks. Vojnosanitetski Pregled, 2018, 75, 787-794.	0.1	2
77	Refractive indices of unfilled resin mixtures and cured composites related to color and translucency of conventional and low-shrinkage composites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 7-13.	1.6	17
78	Cytotoxicity and genotoxicity of a low-shrinkage monomer and monoacylphosphine oxide photoinitiator: Comparative analyses of individual toxicity and combination effects in mixtures. Dental Materials, 2017, 33, 454-466.	1.6	33
79	Characterization of cereal flours by fluorescence spectroscopy coupled with PARAFAC. Food Chemistry, 2017, 229, 165-171.	4.2	37
80	Enhancing photoluminescence of graphene quantum dots by thermal annealing of the graphite precursor. Materials Research Bulletin, 2017, 93, 183-193.	2.7	36
81	Antibacterial potential of electrochemically exfoliated graphene sheets. Journal of Colloid and Interface Science, 2017, 500, 30-43.	5.0	31
82	Whitening-dependent changes of fluorescence of extracted human teeth. Journal of Esthetic and Restorative Dentistry, 2017, 29, 352-355.	1.8	0
83	Europium-doped GdVO ₄ nanocrystals as a luminescent probe for hydrogen peroxide and for enzymatic sensing of glucose. Sensors and Actuators B: Chemical, 2017, 241, 349-356.	4.0	61
84	Enhanced photocatalytic degradation of methylene blue and methyl orange by ZnO:Eu nanoparticles. Applied Catalysis B: Environmental, 2017, 203, 740-752.	10.8	297
85	White- and blue-light-emitting dysprosium(III) and terbium(III)-doped gadolinium titanate phosphors. Luminescence, 2017, 32, 539-544.	1.5	4
86	Neodymium-Based Stoichiometric Ultrasmall Nanoparticles for Multifunctional Deep-Tissue Photothermal Therapy. Advanced Optical Materials, 2016, 4, 782-789.	3.6	73
87	Luminescence of Cr ³⁺ ions in ZnAl ₂ O ₄ and MgAl ₂ O ₄ spinels: correlation between experimental spectroscopic studies and crystal field calculations. Journal of Luminescence, 2016, 177, 145-151.	1.5	86
88	Enhanced photoredox chemistry in surface-modified Mg ₂ TiO ₄ nano-powders with bidentate benzene derivatives. RSC Advances, 2016, 6, 94780-94786.	1.7	18
89	Sensing temperature via downshifting emissions of lanthanide-doped metal oxides and salts. A review. Methods and Applications in Fluorescence, 2016, 4, 042001.	1.1	249
90	Pulsed Laser Deposited Dysprosium-Doped Gadolinium Vanadate Thin Films for Noncontact, Self-Referencing Luminescence Thermometry. Advanced Materials, 2016, 28, 7745-7752.	11.1	115

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91	Changes of Color and Fluorescence of Resin Composites Immersed in Beer. <i>Journal of Esthetic and Restorative Dentistry</i> , 2016, 28, 330-338.	1.8	9
92	Contactless temperature sensing via luminescence. , 2016, , .		0
93	Europium(III)-doped $A_2Hf_2O_7$ ($A = Y, Gd, Lu$) nanoparticles: Influence of annealing temperature, europium(III) concentration and host cation on the luminescent properties. <i>Optical Materials</i> , 2016, 61, 68-76.	1.7	18
94	Effect of resin and photoinitiator on color, translucency and color stability of conventional and low-shrinkage model composites. <i>Dental Materials</i> , 2016, 32, 183-191.	1.6	44
95	Multicolor upconversion luminescence of $GdVO_4:Ln^{3+}/Yb^{3+}$ ($Ln = Ho, Er, Tm, Ho, Er, Tm$) nanorods. <i>Dyes and Pigments</i> , 2016, 126, 1-7.	2.0	58
96	Uncertainty and routine use of Aerial I -alanine α Electron spin resonance dosimetry system. <i>Radiation Measurements</i> , 2016, 89, 63-67.	0.7	3
97	Effect of annealing conditions on structural and luminescent properties of Eu^{3+} -doped $Gd_2Ti_2O_7$ thin films. <i>Applied Surface Science</i> , 2016, 364, 273-279.	3.1	9
98	Photoluminescence of europium(III)-doped $(Y, Sc)_{1-x}Eu_xTi_2O_7$ nanoparticles: Linear relationship between structural and emission properties. <i>Ceramics International</i> , 2016, 42, 3899-3906.	2.3	5
99	PARAFAC: A tool for the analysis of phosphor mixture luminescence. <i>Journal of Luminescence</i> , 2016, 170, 136-140.	1.5	5
100	Effects of a low-shrinkage methacrylate monomer and monoacylphosphine oxide photoinitiator on curing efficiency and mechanical properties of experimental resin-based composites. <i>Materials Science and Engineering C</i> , 2016, 58, 487-494.	3.8	28
101	Non-contact thermometry with Dy^{3+} doped $Gd_2Ti_2O_7$ nano-powders. <i>Journal of Luminescence</i> , 2016, 170, 395-400.	1.5	73
102	Luminescence thermometry with Eu^{3+} doped $GdAlO_3$. <i>Journal of Luminescence</i> , 2016, 170, 467-471.	1.5	59
103	Effect of annealing on luminescence of Eu^{3+} - and Sm^{3+} -doped Mg_2TiO_4 nanoparticles. <i>Journal of Luminescence</i> , 2016, 170, 679-685.	1.5	9
104	Ratiometric luminescence thermometry with different combinations of emissions from Eu^{3+} doped $Gd_2Ti_2O_7$ nanoparticles. <i>Journal of Luminescence</i> , 2016, 169, 534-538.	1.5	55
105	Analysis of luminescence of Eu^{3+} doped $Lu_2Ti_2O_7$ powders with Judd-Ofelt theory. <i>Journal of Research in Physics</i> , 2015, 38-39, 23-32.	0.2	9
106	Judd-Ofelt Analysis of Eu^{3+} Emission in TiO_2 Anatase Nanoparticles. <i>Materials Transactions</i> , 2015, 56, 1416-1418.	0.4	30
107	Neodymium-doped nanoparticles for infrared fluorescence bioimaging: The role of the host. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	102
108	Analysis of Eu^{3+} Emission from Mg_2TiO_4 Nanoparticles by Judd-Ofelt Theory. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-7.	0.4	9

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109	Facile synthesis of water-soluble curcumin nanocrystals. Journal of the Serbian Chemical Society, 2015, 80, 63-72.	0.4	10
110	Deep-Red Emitting Mn ⁴⁺ Doped Mg ₂ TiO ₄ Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 724-730.	1.5	78
111	Sol-Gel Derived Eu ³⁺ -Doped Gd ₂ Ti ₂ O ₇ Pyrochlore Nanopowders. Journal of Nanomaterials, 2015, 2015, 1-8.	1.5	1,125
112	P0457 : Graphene quantum dots attenuate concanavalin A-induced hepatitis. Journal of Hepatology, 2015, 62, S483-S484.	1.8	0
113	Visible light absorption of surface modified TiO ₂ powders with bidentate benzene derivatives. Microporous and Mesoporous Materials, 2015, 217, 184-189.	2.2	42
114	Kinetic study of isothermal crystallization process of Gd ₂ Ti ₂ O ₇ precursor's powder prepared through the Pechini synthetic approach. Journal of Physics and Chemistry of Solids, 2015, 85, 160-172.	1.9	6
115	Effects of Ho ³⁺ and Yb ³⁺ doping concentrations and Li ⁺ co-doping on the luminescence of GdVO ₄ powders. Optical Materials, 2015, 45, 76-81.	1.7	37
116	Modification of Structural and Luminescence Properties of Graphene Quantum Dots by Gamma Irradiation and Their Application in a Photodynamic Therapy. ACS Applied Materials & Interfaces, 2015, 7, 25865-25874.	4.0	94
117	Fluorescence spectroscopy coupled with PARAFAC and PLS DA for characterization and classification of honey. Food Chemistry, 2015, 175, 284-291.	4.2	234
118	Influence of Er ³⁺ /Yb ³⁺ concentration ratio on the down-conversion and up-conversion luminescence and lifetime in GdVO ₄ :Er ³⁺ /Yb ³⁺ microcrystals. Science of Sintering, 2015, 47, 221-228.	0.5	7
119	Authentication of the botanical origin of unifloral honey by infrared spectroscopy coupled with support vector machine algorithm. Physica Scripta, 2014, T162, 014042.	1.2	11
120	Determination of the Botanical Origin of Honey by Front-Face Synchronous Fluorescence Spectroscopy. Applied Spectroscopy, 2014, 68, 557-563.	1.2	49
121	Gamma ray-assisted irradiation of few-layer graphene films: a Raman spectroscopy study. Physica Scripta, 2014, T162, 014025.	1.2	7
122	Self-referenced luminescence thermometry with Sm ³⁺ doped TiO ₂ nanoparticles. Nanotechnology, 2014, 25, 485501.	1.3	62
123	Photodynamic antibacterial effect of graphene quantum dots. Biomaterials, 2014, 35, 4428-4435.	5.7	341
124	Temperature quenching of luminescence emission in Eu ³⁺ - and Sm ³⁺ -doped YNbO ₄ powders. Journal of Luminescence, 2014, 151, 82-87.	1.5	61
125	Structural, morphological and up-converting luminescence characteristics of nanocrystalline Y ₂ O ₃ :Yb/Er powders obtained via spray pyrolysis. Ceramics International, 2014, 40, 3089-3095.	2.3	16
126	Comparative structural and photoluminescent study of Eu ³⁺ -doped La ₂ O ₃ and La(OH) ₃ nanocrystalline powders. Journal of Physics and Chemistry of Solids, 2014, 75, 276-282.	1.9	21

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127	Strong emission via up-conversion of Gd ₂ O ₃ :Yb ³⁺ , Ho ³⁺ nanopowders co-doped with alkali metals ions. <i>Journal of Luminescence</i> , 2014, 145, 466-472.	1.5	36
128	Large Graphene Quantum Dots Alleviate Immune-Mediated Liver Damage. <i>ACS Nano</i> , 2014, 8, 12098-12109.	7.3	82
129	Synthesis and luminescent properties of rare earth (Sm ³⁺ and Eu ³⁺) Doped Gd ₂ Ti ₂ O ₇ pyrochlore nanopowders. <i>Optical Materials</i> , 2014, 37, 598-606.	1.7	35
130	Structural Analysis of Single Wall Carbon Nanotubes Exposed to Oxidation and Reduction Conditions in the Course of Gamma Irradiation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16147-16155.	1.5	7
131	Luminescence thermometry below room temperature via up-conversion emission of Y ₂ O ₃ :Yb ³⁺ ,Er ³⁺ nanophosphors. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	145
132	Europium-doped nanocrystalline Y ₂ O ₃ ~La ₂ O ₃ solid solutions with bixbyite structure. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 1152-1159.	1.9	12
133	Temperature sensing from the emission rise times of Eu ³⁺ in SrY ₂ O ₄ . <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25636-25641.	1.3	59
134	Yb ³⁺ , Er ³⁺ doped Y ₂ O ₃ nanoparticles of different shapes prepared by self-propagating room temperature reaction method. <i>Ceramics International</i> , 2014, 40, 16033-16039.	2.3	16
135	Mechanism and Kinetics of J-Aggregation of Thiocyanine Dye in the Presence of Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23393-23401.	1.5	26
136	Study of non-isothermal crystallization of Eu ³⁺ doped Zn ₂ SiO ₄ powders through the application of various macrokinetic models. <i>Journal of Alloys and Compounds</i> , 2014, 587, 398-414.	2.8	4
137	Temperature sensing with Eu ³⁺ doped TiO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 46-50.	4.0	123
138	Enhancement of luminescence emission from GdVO ₄ :Er ³⁺ /Yb ³⁺ phosphor by Li ⁺ co-doping. <i>Journal of Solid State Chemistry</i> , 2014, 217, 92-98.	1.4	36
139	Structural, optical and crystal field analyses of undoped and Mn ²⁺ -doped ZnS nanoparticles synthesized via reverse micelle route. <i>Journal of Luminescence</i> , 2014, 146, 133-140.	1.5	60
140	Discrimination among Melanoma, Nevi, and Normal Skin by Using Synchronous Luminescence Spectroscopy. <i>Applied Spectroscopy</i> , 2014, 68, 823-830.	1.2	8
141	Multifunctional Eu ³⁺ - and Er ³⁺ /Yb ³⁺ -doped GdVO ₄ nanoparticles synthesized by reverse micelle method. <i>Scientific Reports</i> , 2014, 4, 4209.	1.6	200
142	Y ₃ Al ₅ O ₁₂ :Re ³⁺ (Re=Ce, Eu, and Sm) nanocrystalline powders prepared by modified glycine combustion method. <i>Science of Sintering</i> , 2014, 46, 75-82.	0.5	12
143	Dynamic mechanical and thermal properties of the composites of thermoplastic starch and lanthanum hydroxide nanoparticles. <i>Journal of Applied Polymer Science</i> , 2013, 127, 699-709.	1.3	7
144	Eu ³⁺ -doped (Y _{0.5} La _{0.5}) ₂ O ₃ : new nanophosphor with the bixbyite cubic structure. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	6

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145	The 3rd International Conference on the Physics of Optical Materials and Devices "ICOM2012, Belgrade, Republic of Serbia, September 2nd-6th 2012. Optical Materials, 2013, 35, 1761.	1.7	0
146	Structural, morphological and luminescence properties of nanocrystalline up-converting Y _{1.89} Yb _{0.1} Er _{0.01} O ₃ phosphor particles synthesized through aerosol route. Journal of Alloys and Compounds, 2013, 580, 584-591.	2.8	10
147	Low-temperature effects on up-conversion emission of Er ³⁺ /Yb ³⁺ -co-doped Y ₂ O ₃ . Physica Scripta, 2013, T157, 014054.	1.2	2
148	Aerosol route as a feasible bottom-up chemical approach for up-converting phosphor particles processing. Advanced Powder Technology, 2013, 24, 852-857.	2.0	11
149	Color-tunable up-conversion emission in Y ₂ O ₃ :Yb ³⁺ , Er ³⁺ nanoparticles prepared by polymer complex solution method. Nanoscale Research Letters, 2013, 8, 131.	3.1	36
150	Y ₂ O ₃ :Yb,Tm and Y ₂ O ₃ :Yb,Ho powders for low-temperature thermometry based on up-conversion fluorescence. Ceramics International, 2013, 39, 1129-1134.	2.3	136
151	Surface modification of anatase nanoparticles with fused ring salicylate-type ligands (3-hydroxy-2-naphthoic acids): a combined DFT and experimental study of optical properties. Nanoscale, 2013, 5, 7601.	2.8	46
152	Adsorption and fluorescence quenching of 5,5'-disulfopropyl-3,3'-dichlorothiacyanine dye on gold nanoparticles. New Journal of Chemistry, 2013, 37, 743.	1.4	16
153	Preparation and characterization of chrome doped sphere pigments prepared via precursor mechanochemical activation. Journal of Alloys and Compounds, 2013, 579, 290-294.	2.8	5
154	The comparative kinetic analysis of the non-isothermal crystallization process of Eu ³⁺ doped Zn ₂ SiO ₄ powders prepared via polymer induced sol-gel method. Powder Technology, 2013, 249, 497-512.	2.1	20
155	Fluorescence Quenching of 5,5'-Disulfopropyl-3,3'-dichlorothiacyanine Dye Adsorbed on Gold Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 6567-6577.	1.5	38
156	Hydrothermal synthesis of nanostructured Y ₂ O ₃ and (Y _{0.75} Gd _{0.25}) ₂ O ₃ based phosphors. Optical Materials, 2013, 35, 1817-1823.	1.7	24
157	Annealing effects on the microstructure and photoluminescence of Eu ³⁺ -doped GdVO ₄ powders. Optical Materials, 2013, 35, 1797-1804.	1.7	34
158	Eu ³⁺ doped YNbO ₄ phosphor properties for fluorescence thermometry. Radiation Measurements, 2013, 56, 143-146.	0.7	43
159	Temperature luminescence properties of Eu ³⁺ -doped Gd ₂ O ₃ phosphors. Physica Scripta, 2013, T157, 014056.	1.2	20
160	Temperature dependence of emission and lifetime in Eu ³⁺ - and Dy ³⁺ -doped GdVO ₄ . Applied Optics, 2013, 52, 1716.	0.9	88
161	Surface modification of single-wall carbon nanotube thin films irradiated by microwaves: a Raman spectroscopy study. Physica Scripta, 2013, T157, 014040.	1.2	5
162	Thermographic properties of a Eu ³⁺ -doped (Y _{0.75} Gd _{0.25}) ₂ O ₃ nanophosphor under UV and x-ray excitation. Physica Scripta, 2013, 87, 055703.	1.2	12

#	ARTICLE	IF	CITATIONS
163	Up-conversion luminescence of Tm ³⁺ sensitized by Yb ³⁺ ions in GdVO ₄ . Physica Scripta, 2013, T157, 014055.	1.2	3
164	Luminescence thermometry with Zn ₂ SiO ₄ :Mn ²⁺ powder. Applied Physics Letters, 2013, 103, .	1.5	80
165	Annealing and doping concentration effects on Y ₂ O ₃ :Sm ³⁺ nanopowder obtained by self-propagation room temperature reaction. Science of Sintering, 2013, 45, 323-329.	0.5	5
166	Processing and characterization of up-converting Er ³⁺ doped (Lu _{0.5} Y _{0.5}) ₂ O ₃ nanophosphor. International Journal of Materials Research, 2013, 104, 216-221.	0.1	4
167	Thermographic properties of Eu ³⁺ and Sm ³⁺ doped Lu ₂ O ₃ nanophosphor. Journal of the Serbian Chemical Society, 2012, 77, 1735-1746.	0.4	25
168	Preparation, characterization and mechanical properties of rare-earth-based nanocomposites. Journal of Mining and Metallurgy, Section B: Metallurgy, 2012, 48, 309-318.	0.3	10
169	Structural and optical investigation of gadolinia-doped ceria powders prepared by polymer complex solution method. International Journal of Materials Research, 2012, 103, 884-888.	0.1	7
170	Photoluminescence of Eu- and Sm-doped LiInO ₂ phosphor powders. Physica Scripta, 2012, 85, 065703.	1.2	6
171	Biophysical characterization of human breast tissues by photoluminescence excitation-emission spectroscopy. Journal of Research in Physics, 2012, 36, 53-62.	0.2	5
172	Thermographic properties of Sm ³⁺ -doped GdVO ₄ phosphor. Physica Scripta, 2012, T149, 014063.	1.2	18
173	Kinetics of J-Aggregate Formation on the Surface of Au Nanoparticle Colloids. Journal of Physical Chemistry C, 2012, 116, 4655-4661.	1.5	35
174	Graphene quantum dots as autophagy-inducing photodynamic agents. Biomaterials, 2012, 33, 7084-7092.	5.7	372
175	Raman study of single wall carbon nanotube thin films treated by laser irradiation and dynamic and isothermal oxidation. Journal of Raman Spectroscopy, 2012, 43, 1413-1422.	1.2	14
176	Up-conversion luminescence in Ho ³⁺ and Tm ³⁺ co-doped Y ₂ O ₃ :Yb ³⁺ fine powders obtained through aerosol decomposition. Optical Materials, 2012, 35, 38-44.	1.7	15
177	Comparison of structural properties of pristine and gamma irradiated single-wall carbon nanotubes: Effects of medium and irradiation dose. Materials Characterization, 2012, 72, 37-45.	1.9	30
178	Multisite luminescence of rare earth doped TiO ₂ anatase nanoparticles. Materials Chemistry and Physics, 2012, 135, 1064-1069.	2.0	117
179	Classification of Intact Cereal Flours by Front-Face Synchronous Fluorescence Spectroscopy. Food Analytical Methods, 2012, 5, 1205-1213.	1.3	31
180	Support Vector Machine on Fluorescence Landscapes for Breast Cancer Diagnostics. Journal of Fluorescence, 2012, 22, 1281-1289.	1.3	14

#	ARTICLE	IF	CITATIONS
181	Preparation of highly conductive carbon cryogel based on pristine graphene. <i>Synthetic Metals</i> , 2012, 162, 743-747.	2.1	26
182	PMMA/Zn ₂ SiO ₄ :Eu ³⁺ (Mn ²⁺) Composites: Preparation, Optical, and Thermal Properties. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 1509-1513.	1.2	8
183	Fabrication of polycrystalline (Y _{0.7} Gd _{0.3}) ₂ O ₃ :Eu ³⁺ ceramics: The influence of initial pressure and sintering temperature on its morphology and photoluminescence activity. <i>Ceramics International</i> , 2012, 38, 1303-1313.	2.3	14
184	Gamma ray assisted fabrication of fluorescent oligographene nanoribbons. <i>Materials Research Bulletin</i> , 2012, 47, 1996-2000.	2.7	6
185	Vaaisible upconversion emission of Er ³⁺ -doped and Er ³⁺ /Yb ³⁺ -codoped LiInO ₂ . <i>Open Physics</i> , 2012, 10, .	0.8	0
186	Structural and magnetic properties of mechanochemically synthesized nanocrystalline titanium monoxide. <i>Hemijaska Industrija</i> , 2012, 66, 181-186.	0.3	7
187	Structural and magnetic properties of mechanochemically synthesized nanosized yttrium titanate. <i>Hemijaska Industrija</i> , 2012, 66, 309-315.	0.3	1
188	Application of Supervised Self-Organizing Maps in Breast Cancer Diagnosis by Total Synchronous Fluorescence Spectroscopy. <i>Applied Spectroscopy</i> , 2011, 65, 293-297.	1.2	20
189	Soft chemistry routes for synthesis of rare earth oxide nanoparticles with well defined morphological and structural characteristics. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5887-5897.	0.8	10
190	Structural, spectroscopic and crystal field analyses of Ni ²⁺ and Co ²⁺ doped Zn ₂ SiO ₄ powders. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 483-492.	1.1	22
191	In vitro comparison of the photothermal anticancer activity of graphene nanoparticles and carbon nanotubes. <i>Biomaterials</i> , 2011, 32, 1121-1129.	5.7	510
192	Preparation of Y ₂ O ₃ :Eu ³⁺ nanopowders via polymer complex solution method and luminescence properties of the sintered ceramics. <i>Ceramics International</i> , 2011, 37, 525-531.	2.3	67
193	Photoluminescence of europium doped LiInO ₂ powder. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2830-2832.	0.8	3
194	Judd-Ofelt analysis of luminescence emission from Zn ₂ SiO ₄ :Eu ³⁺ nanoparticles obtained by a polymer-assisted sol-gel method. <i>Physica B: Condensed Matter</i> , 2011, 406, 2319-2322.	1.3	75
195	PMMA-Y ₂ O ₃ (Eu ³⁺) nanocomposites: Optical and mechanical properties. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1153-1161.	0.4	15
196	The effect of oxidation on structural and electrical properties of single wall carbon nanotubes. <i>Hemijaska Industrija</i> , 2011, 65, 363-370.	0.3	2
197	Rare-earth doped (Lu _{0.85} Y _{0.15}) ₂ SiO ₅ nanocrystalline powders obtained by polymer assisted sol-gel synthesis. <i>Radiation Measurements</i> , 2010, 45, 475-477.	0.7	6
198	(Y _{0.5} Lu _{0.5}) ₂ O ₃ :Eu ³⁺ nanopowders: Combustion synthesis, structure and optical properties. <i>Radiation Measurements</i> , 2010, 45, 438-440.	0.7	7

#	ARTICLE	IF	CITATIONS
199	YAG:Ce ³⁺ nanostructured particles obtained via spray pyrolysis of polymeric precursor solution. <i>Journal of the European Ceramic Society</i> , 2010, 30, 577-582.	2.8	57
200	Preparation, structural and spectroscopic studies of (Y _x Lu _{1-x}) ₂ O ₃ :Eu ³⁺ nanopowders. <i>Optical Materials</i> , 2010, 32, 1612-1617.	1.7	15
201	Photoluminescent properties of nanostructured Y ₂ O ₃ :Eu ³⁺ powders obtained through aerosol synthesis. <i>Optical Materials</i> , 2010, 32, 1606-1611.	1.7	25
202	Oxidative stress-mediated hemolytic activity of solvent exchange-prepared fullerene (C ₆₀) nanoparticles. <i>Nanotechnology</i> , 2010, 21, 375102.	1.3	31
203	Characterization of rare-earth doped Lu ₂ O ₃ nanopowders prepared with polymer complex solution synthesis. <i>Journal of Alloys and Compounds</i> , 2010, 505, 224-228.	2.8	33
204	Singlet oxygen generation by higher fullerene-based colloids. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 965-973.	0.4	7
205	A novel method for the functionalization of ¹³ C-irradiated single wall carbon nanotubes with DNA. <i>Nanotechnology</i> , 2009, 20, 445602.	1.3	30
206	Low-cost, portable photoacoustic setup for solid samples. <i>Measurement Science and Technology</i> , 2009, 20, 095902.	1.4	42
207	Morphology, mechanical and thermal properties of composites of polypropylene and nanostructured wollastonite filler. <i>Polymer Testing</i> , 2009, 28, 348-356.	2.3	132
208	The protection of cells from nitric oxide-mediated apoptotic death by mechanochemically synthesized fullerene (C ₆₀) nanoparticles. <i>Biomaterials</i> , 2009, 30, 2319-2328.	5.7	34
209	Surface chemical modification of fullerene by mechanochemical treatment. <i>Applied Surface Science</i> , 2009, 255, 7537-7541.	3.1	18
210	Polymer-assisted sol-gel synthesis and characterization of Zn ₂ SiO ₄ :Eu ³⁺ powders. <i>Journal of Alloys and Compounds</i> , 2009, 480, 494-498.	2.8	16
211	Nanostructure designed powders of optical active materials M _x SiO _y obtained by ultrasonic spray pyrolysis. <i>Optical Materials</i> , 2008, 30, 1168-1172.	1.7	5
212	Polymer complex solution synthesis of (Y _x Gd _{1-x}) ₂ O ₃ :Eu ³⁺ nanopowders. <i>Optical Materials</i> , 2008, 30, 1023-1027.	1.7	34
213	Atomic force microscopy study of fullerene-based colloids. <i>Applied Surface Science</i> , 2008, 255, 3283-3288.	3.1	16
214	High pressure optical studies of LMA:Mn ²⁺ , Nd ³⁺ and LMA:Mn ²⁺ . <i>Optical Materials</i> , 2008, 30, 1070-1073.	1.7	14
215	Optical and structural properties of Zn ₂ SiO ₄ :Mn ²⁺ green phosphor nanoparticles obtained by a polymer-assisted sol-gel method. <i>Scripta Materialia</i> , 2008, 58, 655-658.	2.6	85
216	High-pressure optical studies of Y ₂ O ₃ :Eu ³⁺ nanoparticles. <i>Radiation Effects and Defects in Solids</i> , 2008, 163, 925-931.	0.4	14

#	ARTICLE	IF	CITATIONS
217	Luminescence properties of SiO ₂ :Eu ³⁺ nanopowders: Multi-step nano-designing. Journal of Alloys and Compounds, 2008, 453, 253-260.	2.8	15
218	Synthesis of Y ₂ SiO ₅ :Eu ³⁺ nanoparticles from a hydrothermally prepared silica sol. Journal of Alloys and Compounds, 2008, 464, 357-360.	2.8	16
219	Synthesis of amorphous carbon nitride by single and multiple charged nitrogen ion bombardment of fullerene thin films. Journal Physics D: Applied Physics, 2007, 40, 4264-4270.	1.3	1
220	Excessive Excitation of Hydrogen Peroxide during Oscillatory Chemical Evolution. Journal of Physical Chemistry A, 2007, 111, 7703-7706.	1.1	5
221	The mechanism of cell-damaging reactive oxygen generation by colloidal fullerenes. Biomaterials, 2007, 28, 5437-5448.	5.7	112
222	Structural modification of fullerene thin films by highly charged iron ions. Applied Physics A: Materials Science and Processing, 2007, 89, 749-754.	1.1	7
223	Synthesis of amorphous boron carbide by single and multiple charged boron ions bombardment of fullerene thin films. Applied Surface Science, 2007, 253, 4029-4035.	3.1	13
224	Dispersion and deagglomeration of nano-SiO ₂ particles with a silane modification reagent in supercritical CO ₂ . Hemijska Industrija, 2007, 61, 109-116.	0.3	2
225	Photoluminescence of Anatase and Rutile TiO ₂ Particles. Journal of Physical Chemistry B, 2006, 110, 25366-25370.	1.2	407
226	Distinct Cytotoxic Mechanisms of Pristine versus Hydroxylated Fullerene. Toxicological Sciences, 2006, 91, 173-183.	1.4	264
227	Thermodynamics of gas phase carbothermic reduction of boron-anhydride. Journal of Alloys and Compounds, 2006, 413, 198-205.	2.8	24
228	Luminescence and structural properties of Gd ₂ SiO ₅ :Eu ³⁺ nanophosphors synthesized from the hydrothermal obtained silica sol. Journal of Alloys and Compounds, 2006, 424, 213-217.	2.8	34
229	Inactivation of nanocrystalline C ₆₀ cytotoxicity by ¹³⁷ I-irradiation. Biomaterials, 2006, 27, 5049-5058.	5.7	64
230	Hydrothermal synthesis and nanostructure of carbonated calcium hydroxyapatite. Journal of Materials Science: Materials in Medicine, 2006, 17, 539-546.	1.7	68
231	Magnetic properties of nanostructured SiO ₂ :Eu ³⁺ powders. Journal of the Serbian Chemical Society, 2006, 71, 413-420.	0.4	2
232	Three-dimensional Total Synchronous Luminescence Spectroscopy Criteria for Discrimination Between Normal and Malignant Breast Tissues. Photochemistry and Photobiology, 2005, 81, 1554.	1.3	20
233	Thermal Diffusivity of Cold Sintered Co. Materials Science Forum, 2004, 453-454, 283-286.	0.3	0
234	In vivo monitoring of chlorophyll fluorescence response to low-dose-irradiation in pumpkin (cucurbita pepo) leaves. Luminescence, 2003, 18, 274-277.	1.5	6

#	ARTICLE	IF	CITATIONS
235	Formation and behaviour of low-temperature melting peak of quenched and annealed isotactic polypropylene. <i>Polymer International</i> , 2002, 51, 111-116.	1.6	13
236	Viscoelastic behavior of semicrystalline polymers at elevated temperatures on the basis of a two-process model for stress relaxation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 3239-3246.	2.4	31
237	Theory of photothermal effects in thermally inhomogeneous solids with constant diffusivity. <i>Journal Physics D: Applied Physics</i> , 2000, 33, 1736-1738.	1.3	3
238	Numerical simulation of photothermal effects in solids with inhomogeneous thermal properties. <i>Journal Physics D: Applied Physics</i> , 1999, 32, 1511-1516.	1.3	9
239	Influence of orientation and irradiation on stress relaxation of linear low-density polyethylene (LLDPE): a two-process model. <i>Polymer</i> , 1999, 40, 2631-2637.	1.8	23
240	Preparation of TiO ₂ and ZnO Thin Films by Dip-Coating Method. <i>Materials Science Forum</i> , 1998, 282-283, 147-152.	0.3	3
241	Conduction of heat in inhomogeneous solids. <i>Applied Physics Letters</i> , 1998, 73, 321-323.	1.5	22
242	A photoacoustic investigation of transport properties and thermal diffusivity of InSb single crystals. <i>Microelectronics Journal</i> , 1996, 27, 459-469.	1.1	7
243	Far infrared reflectivity of a GaAs/Al _{0.33} Ga _{0.67} As multiple quantum well structure. <i>Microelectronics Journal</i> , 1996, 27, 87-92.	1.1	0
244	Photoacoustic investigation of transport in semiconductors: Theoretical and experimental study of a Ge single crystal. <i>Physical Review B</i> , 1995, 51, 14226-14232.	1.1	70
245	Photoacoustic frequency heat transmission technique: Thermal and carrier transport parameters measurements in silicon. <i>Journal of Applied Physics</i> , 1995, 78, 5750-5755.	1.1	44
246	Photoacoustic investigation of thermal and transport properties of amorphous GeSe thin films. <i>Journal of Applied Physics</i> , 1994, 76, 4012-4021.	1.1	21
247	Photoacoustic determination of ambipolar transport parameters in semiconductors under applied electric field. , 0, , .		0