

Marek Grinberg

List of Publications by Year in descending order

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249
papers

5,675
citations

94433

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docs citations

256
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence enhancement study in a Bi-doped Cs ₂ AgInCl ₆ double perovskite by pressure and temperature-dependent self-trapped exciton emission. Dalton Transactions, 2022, 51, 2026-2032.	3.3	14
2	Energetic structure of Sm ³⁺ luminescence centers in Sr ₂ TiO ₄ . Dalton Transactions, 2022, 51, 3713-3720.	3.3	6
3	Effect of Temperature and Pressure on Structural and Optical Properties of Organic-Inorganic Hybrid Manganese Halides. Inorganic Chemistry, 2022, 61, 2595-2602.	4.0	25
4	Mechanism of the Luminescence Enhancement of SrSi ₂ N ₂ O ₂ :Eu ²⁺ Phosphor via Manganese Addition. Journal of Physical Chemistry C, 2022, 126, 5292-5301.	3.1	2
5	Hidden Structural Evolution and Bond Valence Control in Near-Infrared Phosphors for Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 109-114.	17.4	110
6	Surface-Protected High-Efficiency Nanophosphors via Space-Limited Ship-in-a-Bottle Synthesis for Broadband Near-Infrared Mini-Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 659-664.	17.4	38
7	Dual-emission Eu-doped Ca _{2-x} Sr _x PN ₃ nitridophosphate phosphors prepared by hot isostatic press. Journal of Materials Chemistry C, 2021, 9, 8158-8162.	5.5	1
8	High-Performance NaK ₂ Li[Li ₃ SiO ₄] ₄ :Eu Green Phosphor for Backlighting Light-Emitting Diodes. Chemistry of Materials, 2021, 33, 1893-1899.	6.7	31
9	Chemical and Mechanical Pressure-Induced Photoluminescence Tuning via Structural Evolution and Hydrostatic Pressure. Chemistry of Materials, 2021, 33, 3832-3840.	6.7	20
10	Formation and Near-Infrared Emission of CsPb ₃ Nanoparticles Embedded in Cs ₄ Pb ₆ Crystals. ACS Applied Materials & Interfaces, 2021, 13, 34742-34751.	8.0	8
11	Linking Macro- and Micro-structural Analysis with Luminescence Control in Oxynitride Phosphors for Light-Emitting Diodes. Chemistry of Materials, 2021, 33, 7897-7904.	6.7	8
12	Enhancement of SrSi ₂ O ₂ N ₂ :Eu ²⁺ phosphor by means of oxygen to nitrogen control. Journal of Alloys and Compounds, 2021, 884, 161047.	5.5	5
13	Synergetic effect-triggered performance promotion of Sr _{3-x} BaxP ₅ N ₁₀ Cl:Eu ²⁺ phosphors. Journal of Materials Chemistry C, 2021, 9, 12063-12067.	5.5	3
14	Chromium Ion Pair Luminescence: A Strategy in Broadband Near-Infrared Light-Emitting Diode Design. Journal of the American Chemical Society, 2021, 143, 19058-19066.	13.7	125
15	Chromium(III)-Doped Fluoride Phosphors with Broadband Infrared Emission for Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 376-385.	4.0	84
16	Multi-Site Cation Control of Ultra-Broadband Near-Infrared Phosphors for Application in Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 15101-15110.	4.0	42
17	Influence of Al ³⁺ -co-doping on the spectral properties of europium doped Ca ₉ (PO ₄) ₇ . RSC Advances, 2020, 10, 41821-41829.	3.6	1
18	Ultra-high-efficiency near-infrared Ga ₂ O ₃ :Cr ³⁺ phosphor and controlling of phytochrome. Journal of Materials Chemistry C, 2020, 8, 11013-11017.	5.5	111

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19	Broadband Na ₂ Li ₃ SiO ₄ :Ce Alkali Lithosilicate Blue Phosphors. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6621-6625.	4.6	14
20	Efficient Luminescence from CsPbBr ₃ Nanoparticles Embedded in Cs ₄ PbBr ₆ . <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7637-7642.	4.6	29
21	Study of persistent luminescence and thermoluminescence in SrSi ₂ N ₂ O ₂ :Eu ²⁺ ,M ³⁺ (M = Ce, Dy, and Nd). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17152-17159.	2.8	11
22	Properties of Charge Carrier Traps in Lu ₂ O ₃ :Tb,Hf Ceramic Storage Phosphors Observed by High-Pressure Spectroscopy and Photoconductivity. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20340-20349.	3.1	12
23	Penetrating Biological Tissue Using Light-Emitting Diodes with a Highly Efficient Near-Infrared ScBO ₃ :Cr ³⁺ Phosphor. <i>Chemistry of Materials</i> , 2020, 32, 2166-2171.	6.7	142
24	Thermally Stable and Deep Red Luminescence of Sr ^{1-x} Ba ^x [Mg ₂ Al ₂ N ₄]:Eu ²⁺ (x = 0-1) Phosphors for Solid State and Agricultural Lighting Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23165-23171.	8.0	42
25	Non-radiative processes and luminescence quenching in Mn ⁴⁺ doped phosphors. <i>Journal of Luminescence</i> , 2019, 214, 116574.	3.1	16
26	Ultra-Broadband Phosphors Converted Near-Infrared Light Emitting Diode with Efficient Radiant Power for Spectroscopy Applications. <i>ACS Photonics</i> , 2019, 6, 3215-3224.	6.6	64
27	Reply to the "Comment on "Spectroscopic properties and location of the Ce ³⁺ energy levels in Y ₃ Al ₂ Ga ₃ O ₁₂ and Y ₃ Ga ₅ O ₁₂ at ambient and high hydrostatic pressure" by Y. Wang, M. Głowacki, M. Berkowski, A. Kamińska and A. Suchocki, <i>Phys. Chem. Chem. Phys.</i> , 2019, 21, DOI: 10.1039/C8CP06154H. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2818-2820.	2.8	0
28	Chemical Control of SrLi(Al _{3-x} Ga _x) ₃ N ₄ :Eu ²⁺ Red Phosphors at Extreme Conditions for Application in Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2019, 31, 4614-4618.	6.7	37
29	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of Sr(LiAl _{3-x}) ₃ (SiMg _{3-x}) ₄ N ₄ :Eu ²⁺ Phosphors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7767-7772.	2.8	57
30	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of Sr(LiAl _{3-x}) ₃ (SiMg _{3-x}) ₄ N ₄ :Eu ²⁺ Phosphors. <i>Angewandte Chemie</i> , 2019, 131, 7849-7854.	2.0	6
31	Hydrogen-Containing Na ₃ HTi _{1-x} MnxF ₈ Narrow-Band Phosphor for Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2019, 4, 527-533.	17.4	16
32	The influence of Si ⁴⁺ co-doping on the spectroscopic properties of β -NaCaPO ₃ :Eu ²⁺ /Eu ³⁺ . <i>New Journal of Chemistry</i> , 2019, 43, 3409-3418.	2.8	4
33	Spectroscopic properties of high-temperature sintered SrS:0.05%Ce ³⁺ under high hydrostatic pressure. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 10266-10274.	2.8	5
34	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn ⁴⁺ -Activated Narrow Band Fluoride Phosphors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1797-1801.	13.8	93
35	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn ⁴⁺ -Activated Narrow Band Fluoride Phosphors. <i>Angewandte Chemie</i> , 2018, 130, 1815-1819.	2.0	9
36	Thermal stabilization and energy transfer in narrow-band red-emitting Sr(Mg ₂ Al ₂) ₃ (Li ₂ Si ₂) ₄ N ₄ :Eu ²⁺ . <i>Journal of Materials Chemistry C</i> , 2018, 6, 5975-5983.	2.0	6

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37	The role of compensation defects in Eu ³⁺ stabilization under reductive atmosphere in Sr ₂ SiO ₄ matrix. Journal of Alloys and Compounds, 2018, 748, 44-50.	5.5	8
38	Thermal quenching of Ce ³⁺ luminescence in the cuspidine-type oxide nitride compounds Y ₄ Si ₂ â ^x Al _x O _{7+x} N ₂ â ^x . Journal of Luminescence, 2018, 193, 125-132.	3.1	7
39	Unusual temperature and excitation energy dependences of impurity-trapped excitons in LiBaF ₃ :Eu ²⁺ crystals. Journal of Luminescence, 2018, 195, 141-152.	3.1	3
40	Ratiometric optical thermometry using deep red luminescence from 4T ₂ and 2E states of Cr ³⁺ in ZnGa ₂ O ₄ host. Optical Materials, 2018, 85, 510-516.	3.6	97
41	Super Broadband Near-Infrared Phosphors with High Radiant Flux as Future Light Sources for Spectroscopy Applications. ACS Energy Letters, 2018, 3, 2679-2684.	17.4	286
42	Revisiting Cr ³⁺ -Doped Bi ₂ Ga ₄ O ₉ Spectroscopy: Crystal Field Effect and Optical Thermometric Behavior of Near-Infrared-Emitting Singly-Activated Phosphors. ACS Applied Materials & Interfaces, 2018, 10, 41512-41524.	8.0	124
43	KMgF ₃ :Eu ²⁺ as a new fluorescence-based pressure sensor for diamond anvil cell experiments. Optical Materials, 2018, 84, 99-102.	3.6	24
44	Disentangling Red Emission and Compensatory Defects in Sr[LiAl ₃ N ₄]:Ce ³⁺ Phosphor. Chemistry of Materials, 2018, 30, 4493-4497.	6.7	26
45	Comparison of quenching mechanisms in Gd ₃ Al ₅ â ^x Ga _x O ₁₂ :Ce ³⁺ (x = 3 and 5) garnet phosphors by photocurrent excitation spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 18380-18390.	2.8	12
46	High Color Rendering Index of Rb ₂ GeF ₆ :Mn ⁴⁺ for Light-Emitting Diodes. Chemistry of Materials, 2017, 29, 935-939.	6.7	172
47	Experimental and first-principles studies of high-pressure effects on the structural, electronic, and optical properties of semiconductors and lanthanide doped solids. Japanese Journal of Applied Physics, 2017, 56, 05FA02.	1.5	7
48	Luminescence quenching in KYb(WO ₄) ₂ -Tb ³⁺ : An example of temperature-pressure equivalence. Journal of Luminescence, 2017, 191, 18-21.	3.1	10
49	3 d 3 system â€“ Comparison of Mn ⁴⁺ and Cr ³⁺ in different lattices. Optical Materials, 2017, 74, 93-100.	3.6	38
50	Aluminate Red Phosphor in Light-Emitting Diodes: Theoretical Calculations, Charge Varieties, and High-Pressure Luminescence Analysis. ACS Applied Materials & Interfaces, 2017, 9, 23995-24004.	8.0	49
51	The influence of charge compensation defects on the spectroscopic properties of europium doped Ca ₉ Y(PO ₄) ₇ . RSC Advances, 2017, 7, 40549-40557.	3.6	9
52	The Influence of Synthesis Temperature on Manufacturing and Properties of SrSi ₂ O ₂ N ₂ :Eu ²⁺ Powders. Archives of Metallurgy and Materials, 2017, 62, 687-690.	0.6	1
53	Controlling of Structural Ordering and Rigidity of Î ² -SiAlON:Eu through Chemical Cosubstitution to Approach Narrow-Band-Emission for Light-Emitting Diodes Application. Chemistry of Materials, 2017, 29, 6781-6792.	6.7	57
54	Temperature effect on the emission spectra of narrow band Mn ⁴⁺ phosphors for application in LEDs. Physical Chemistry Chemical Physics, 2017, 19, 32505-32513.	2.8	33

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55	Influence of charge transfer state on Eu ³⁺ luminescence in LaAlO ₃ , by high pressure spectroscopy. <i>Optical Materials</i> , 2017, 63, 158-166.	3.6	27
56	Principles of Energetic Structure and Excitation-Energy Transfer Based on High-Pressure Measurements. , 2017, , 67-151.		6
57	Dopant Concentration Induced Optical Changes in Ca,Eu- $\hat{\text{I}}$ -Sialon. <i>Crystals</i> , 2017, 7, 342.	2.2	4
58	Spectroscopic properties and location of the Tb ³⁺ and Eu ³⁺ energy levels in Y ₂ O ₂ S under high hydrostatic pressure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22266-22275.	2.8	15
59	Energy Level Structure of Bi ³⁺ in Zircon and Scheelite Polymorphs of YVO ₄ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 8261-8265.	3.1	25
60	Stabilization of Eu ³⁺ under a reductive atmosphere by the Al ³⁺ co-doping of Sr ₂ SiO ₄ :Eu ²⁺ /Eu ³⁺ . <i>RSC Advances</i> , 2016, 6, 48001-48008.	3.6	18
61	Narrow Red Emission Band Fluoride Phosphor KNaSiF ₆ :Mn ⁴⁺ for Warm White Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11194-11203.	8.0	228
62	Green Light-Excitable Ce-Doped Nitridomagnesoaluminate Sr[Mg ₂ Al ₂ N ₄] Phosphor for White Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2016, 28, 6822-6825.	6.7	138
63	Improvement of the Water Resistance of a Narrow-Band Red-Emitting SrLiAl ₃ N ₄ :Eu ²⁺ Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9652-9656.	13.8	63
64	Improvement of the Water Resistance of a Narrow-Band Red-Emitting SrLiAl ₃ N ₄ :Eu ²⁺ Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. <i>Angewandte Chemie</i> , 2016, 128, 9804-9808.	2.0	13
65	Structural phase transitions and photoluminescence properties of oxonitridosilicate phosphors under high hydrostatic pressure. <i>Scientific Reports</i> , 2016, 6, 34010.	3.3	13
66	Enhance Color Rendering Index via Full Spectrum Employing the Important Key of Cyan Phosphor. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30677-30682.	8.0	85
67	Evolution of the optical properties of chromium doped calcium tetraborate glass under high pressure. <i>Journal of Luminescence</i> , 2016, 177, 111-118.	3.1	6
68	Intensification of luminescence of Europium-EDTA complex in polyvinyl pyrrolidone films by copper nanoparticles. <i>Optical Materials</i> , 2016, 59, 3-7.	3.6	9
69	Luminescence properties of MgF ₂ :Yb ²⁺ at high hydrostatic pressure. <i>Journal of Luminescence</i> , 2016, 169, 788-793.	3.1	8
70	Luminescence dynamics in CaWO ₄ :Pr ³⁺ powders and single crystals. <i>Journal of Luminescence</i> , 2016, 169, 450-453.	3.1	21
71	Low and high field sites of Cr ³⁺ ions in calcium tetraborate glasses. <i>Optical Materials</i> , 2016, 59, 120-125.	3.6	18
72	Spectroscopic properties and location of the Ce ³⁺ energy levels in Y ₃ Al ₂ Ga ₃ O ₁₂ and Y ₃ Ga ₅ O ₁₂ at ambient and high hydrostatic pressure. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6683-6690.	2.8	30

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73	Pressure effect on the zero-phonon line emission of Mn ⁴⁺ in K ₂ SiF ₆ . Journal of Chemical Physics, 2015, 143, 134704.	3.0	29
74	Pressure dependence of the Sr ₂ Si ₅ N ₈ :Eu ²⁺ luminescence. Journal of Luminescence, 2015, 159, 183-187.	3.1	7
75	White emitting phosphors based on glasses of the type 10AlF ₃ •10TiO ₂ •39PbO•30H ₃ BO ₃ •10SiO ₂ •xEu ₂ O ₃ •(1-x)Tb ₂ O ₃ : An energy transfer study. Journal of Luminescence, 2015, 166, 54-59.	3.6	14
76	Optical processes in YVO ₄ :Eu ³⁺ across zircon-to-scheelite phase transition. Journal of Luminescence, 2015, 165, 19-22.	3.1	8
77	Influence of Ti ⁴⁺ on the long lasting luminescence of Sr ₂ SiO ₄ :Eu ²⁺ . RSC Advances, 2015, 5, 65236-65244.	3.6	8
78	Pressure dependence of the emission in CaF ₂ :Yb ²⁺ . Journal of Physics Condensed Matter, 2015, 27, 305501.	1.8	2
79	Optical properties of pure and Ce ³⁺ doped gadolinium gallium garnet crystals and epitaxial layers. Journal of Luminescence, 2015, 164, 31-37.	3.1	13
80	Temperature evolution of the luminescence decay of Sr _{0.33} Ba _{0.67} Nb ₂ O ₆ : Pr ³⁺ . Journal of Physics Condensed Matter, 2014, 26, 165502.	1.8	4
81	Aggregation of Rhodamine 6G in titanium dioxide nanolayers and bulk xerogels. Optical Materials, 2014, 36, 1694-1697.	3.6	1
82	Luminescent properties of Mn-doped Y ₃ Al ₅ O ₁₂ single crystalline films. Optical Materials, 2014, 36, 1680-1684.	3.6	6
83	Sol-gel glasses with enhanced luminescence of laser dye Rhodamine B due to plasmonic coupling by copper nanoparticles. Optical Materials, 2014, 36, 1611-1615.	3.6	26
84	Equation of state for Eu-doped SrSi ₂ O ₂ N ₂ . Journal of Chemical Physics, 2014, 141, 014705.	3.0	8
85	Charge transfer and europium trapped exciton states in Eu ³⁺ /Eu ²⁺ doped phosphors. , 2014, , .		1
86	Spectroscopic properties and energy level location of Eu ²⁺ in Sr ₂ Si ₅ N ₈ phosphor. Optical Materials, 2014, 37, 734-739.	3.6	13
87	Luminescence properties of different Eu sites in LiMgPO ₄ :Eu ²⁺ , Eu ³⁺ . Journal of Physics Condensed Matter, 2014, 26, 385401.	1.8	44
88	Pressure evolution of luminescence in Sr Ba _{1-x} (NbO ₂) ₃ :Pr ³⁺ (x=1/2 and 1/3). Journal of Luminescence, 2014, 152, 62-65.	3.1	10
89	High pressure effect on charge transfer transition in Y ₂ O ₂ S:Eu ³⁺ . Optical Materials, 2014, 36, 1616-1621.	3.6	35
90	Preface: IWASOM™13. Optical Materials, 2014, 36, 1609-1610.	3.6	0

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91	Luminescent GeO ₂ -Pb-Bi ₂ O ₃ glasses co-doped with Tb ³⁺ and Eu ³⁺ : Excitation energy transfer and color chromaticity. Optical Materials, 2014, 36, 633-638.	3.6	18
92	Binding energies of Eu ²⁺ and Eu ³⁺ ions in $\hat{\Gamma}^2$ -Ca ₂ SiO ₄ doped with europium. Optical Materials, 2013, 35, 2107-2114.	3.6	56
93	High pressure and time-resolved luminescence spectra of Ca ₃ Y ₂ (SiO ₄) ₃ doped with Eu ²⁺ and Eu ³⁺ . Journal of Physics Condensed Matter, 2013, 25, 025603.	1.8	20
94	Impurity trapped excitons under high hydrostatic pressure. Optical Materials, 2013, 35, 2006-2012.	3.6	11
95	Impurity trapped exciton states related to rare earth ions in crystals under high hydrostatic pressure. Crystallography Reports, 2013, 58, 139-143.	0.6	7
96	Luminescence Spectra of $\hat{\Gamma}^2$ -SiAlON/Pr ³⁺ Under High Hydrostatic Pressure. Journal of Physical Chemistry C, 2013, 117, 13181-13186.	3.1	20
97	Luminescence of CaWO ₄ :Pr ³⁺ and CaWO ₄ :Tb ³⁺ at ambient and high hydrostatic pressures. Radiation Measurements, 2013, 56, 1-5.	1.4	21
98	High pressure luminescence spectra of CaMoO ₄ :Ln ³⁺ (Ln = Pr, Tb). Journal of Physics Condensed Matter, 2013, 25, 105502.	1.8	22
99	New Pr ³⁺ site in $\hat{\Gamma}^2$ -SiAlON red phosphor. Optical Materials, 2013, 35, 2001-2005.	3.6	11
100	Time evolution of luminescence of Sr ₂ SiO ₄ :Eu ²⁺ . Journal of Physics Condensed Matter, 2013, 25, 425501.	1.8	2
101	Luminescence of Gd ₂ (WO ₄) ₃ :Ln ³⁺ at ambient and high hydrostatic pressure. Journal of Physics Condensed Matter, 2012, 24, 485501.	1.8	12
102	Luminescent properties of YAlO ₃ :Mn single crystalline films. Optical Materials, 2012, 34, 1979-1983.	3.6	8
103	Pressure effects on the luminescence properties of CaWO ₄ :Pr ³⁺ . Optical Materials, 2012, 34, 2012-2016.	3.6	29
104	Fluorescence intensification of Rhodamine 6G in Zirconia-Glymo glasses. Optical Materials, 2012, 34, 2021-2024.	3.6	9
105	Influence of high pressure on Sr ₂ SiO ₄ :Eu ²⁺ luminescence. Optical Materials, 2012, 34, 2095-2100.	3.6	25
106	Pressure-induced phase transition in LiLuF ₄ :Pr ³⁺ investigated by an optical technique. Journal of Physics Condensed Matter, 2012, 24, 115502.	1.8	8
107	High pressure luminescence spectra of CaMoO ₄ :Pr ³⁺ . Journal of Physics Condensed Matter, 2012, 24, 215402.	1.8	11
108	Surface-fracture-related photoluminescence of CdMnTe crystals. Lithuanian Journal of Physics, 2012, 52, 24-29.	0.4	1

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109	High pressure luminescence and time resolved spectra of La ₂ Be ₂ O ₅ :Pr ³⁺ . Optical Materials, 2011, 34, 164-168.	3.6	8
110	Characterization of various Eu ²⁺ sites in Ca ₂ SiO ₄ :Eu ²⁺ and Ba ₂ SiO ₄ :Eu ²⁺ by high-pressure spectroscopy. Materials Science-Poland, 2011, 29, 272-277.	1.0	10
111	High pressure and time resolved luminescence spectra of Gd ₃ Ga ₅ O ₁₂ :Pr ³⁺ crystal. Optical Materials, 2011, 33, 1525-1529.	3.6	9
112	Low temperature luminescence of KMgF ₃ :Eu ²⁺ crystal. Optical Materials, 2011, 33, 996-999.	3.6	4
113	Influence of high hydrostatic pressure on Eu ²⁺ -luminescence in KMgF ₃ :Eu ²⁺ crystal. Journal of Luminescence, 2011, 131, 306-309.	3.1	13
114	Excited states dynamics under high pressure in lanthanide-doped solids. Journal of Luminescence, 2011, 131, 433-437.	3.1	35
115	New Eu ²⁺ sites in KMgF ₃ :Eu ²⁺ crystal. Journal of Physics Condensed Matter, 2011, 23, 035404.	1.8	3
116	Spectral properties of Cr ³⁺ in SrLaGaO ₄ under high hydrostatic pressure.. Photonics Letters of Poland, 2011, 3, .	0.4	2
117	High pressure luminescence and time resolved spectra of LiNbO ₃ :Pr ³⁺ . Photonics Letters of Poland, 2011, 3, .	0.4	0
118	Luminescence of Ca(NbO ₃) ₂ :Pr ³⁺ : Pr ³⁺ and self-trapped exciton emission. Radiation Measurements, 2010, 45, 288-291.	1.4	10
119	Luminescent and scintillation properties of CsI:Tl films grown by the liquid phase epitaxy method. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2344-2350.	1.8	12
120	High Pressure Study of Localized States Related to Lanthanide Ions in Solids. Journal of the Electrochemical Society, 2010, 157, G100.	2.9	7
121	Luminescence of LiBaF ₃ and KMgF ₃ doped with Eu ²⁺ . Journal of Non-Crystalline Solids, 2010, 356, 1888-1892.	3.1	17
122	High pressure spectroscopy study of SCF Tb ₃ Al ₅ O ₁₂ :Mn. Journal of Physics: Conference Series, 2010, 249, 012015.	0.4	13
123	Luminescence and Luminescence Kinetics of Gd ₃ Ga ₅ O ₁₂ Polycrystals Doped with Cr ³⁺ and Pr ³⁺ . Acta Physica Polonica A, 2010, 117, 117-121.	0.5	14
124	High pressure evolution of YVO ₄ :Pr ³⁺ luminescence. Journal of Physics Condensed Matter, 2009, 21, 105401.	1.8	23
125	High Pressure Study of Localized States Related to Lanthanide Ions in Solids. ECS Transactions, 2009, 25, 3-12.	0.5	2
126	Q-switched nanosecond Nd ³⁺ :Ca(NbO ₃) ₂ crystalline self-Raman laser with single-step cascade SE ($\lambda_{SE} = 1.0615 \mu\text{m}$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (of ⁴) conversion. Laser Physics Letters, 2009, 6, 782-787.	1.4	20

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127	Luminescence properties of phosphors based on Tb ₃ Al ₅ O ₁₂ (TbAG) terbium-aluminum garnet. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2009, 106, 365-374.	0.6	56
128	6d15f1â†”5f2 transitions in U ⁴⁺ in Cs ₂ NaYCl ₆ . Optical Materials, 2009, 31, 514-517.	3.6	5
129	Time-resolved spectroscopy of intrinsic luminescence of Y ₃ Ga ₅ O ₁₂ and (LaLu) ₃ Lu ₂ Ga ₃ O ₁₂ single crystals. Optical Materials, 2009, 31, 1835-1838.	3.6	13
130	High pressure luminescence of YV O	1.2	2
131	Tb ³⁺ ions in presence of ZnS:Mn ²⁺ nanocrystals immobilized on silica: Energy transfer ZnSâ†”Tb ³⁺ and coordination state of Mn ²⁺ ions. Journal of Luminescence, 2009, 129, 246-250.	3.1	7
132	Luminescence of Ca(NbO ₃) ₂ :Pr ³⁺ at ambient and high hydrostatic pressure. Journal of Luminescence, 2009, 129, 1219-1224.	3.1	25
133	Pressure evolution of LiBaF ₃ :Eu ²⁺ luminescence. Journal of Physics Condensed Matter, 2009, 21, 235603.	1.8	21
134	Temperature and pressure dependence of the luminescence of Eu ²⁺ -doped fluoride crystals Ba _x Sr _{1-x} F ₂ (x = 0, 0.3, 0.5 and 1): experiment and model. Journal of Physics Condensed Matter, 2009, 21, 245601.	1.8	13
135	Resonant interaction of defects in irradiated CsI(Tl) crystals. Optical Materials, 2008, 30, 711-713.	3.6	2
136	High pressure photoluminescence of Ce ³⁺ -doped (Y _{1.725} Tb _{0.575} Ce _{0.05} Gd _{0.65})Al ₅ O ₁₂ . Optical Materials, 2008, 30, 722-724.	3.6	6
137	Pressure and temperature dependence of the emission in BaF ₂ :Eu and SrF ₂ :Eu. Journal of Luminescence, 2008, 128, 715-717.	3.1	13
138	Luminescence kinetics in silica gel doped with Tb ³⁺ ions and ZnS:Mn ²⁺ nanocrystals. Journal of Luminescence, 2008, 128, 921-923.	3.1	12
139	Tb ³⁺ ions in the presence of ZnS:Mn ²⁺ nanocrystals incorporated into silica: Tb ³⁺ and Mn ²⁺ luminescence kinetics. Optical Materials, 2008, 30, 719-721.	3.6	4
140	Impurity-trapped excitons: Experimental evidence and theoretical concept. Journal of Non-Crystalline Solids, 2008, 354, 4163-4169.	3.1	50
141	Enhanced energy pumping to Tb ³⁺ ions in manganese-doped ZnS nanoparticles. Journal of Alloys and Compounds, 2008, 451, 206-208.	5.5	8
142	Luminescence of BAM under high pressure: the Eu ²⁺ sites. Journal of Luminescence, 2007, 122-123, 107-109.	3.1	16
143	Pressure dependence of the 3P ₀ â†”3H ₄ and 1D ₂ â†”3H ₄ emission in Pr ³⁺ :YAG. Journal of Luminescence, 2007, 122-123, 322-324.	3.1	14
144	Pressure-induced changes in the energetic structure of the 3d ³ ions in solid matrices. Journal of Luminescence, 2007, 125, 97-103.	3.1	47

#	ARTICLE	IF	CITATIONS
145	Nephelauxetic effect in high-pressure luminescence of transition-metal ion dopants. Journal of Luminescence, 2007, 125, 266-270.	3.1	9
146	energy transfer in (,) doped with. Radiation Measurements, 2007, 42, 755-758.	1.4	15
147	Antisite defect-related luminescence in (LaLu) ₃ Lu ₂ Ga ₃ O ₁₂ garnet single crystals. Physica Status Solidi (B): Basic Research, 2007, 244, 3271-3278.	1.5	6
148	High-pressure luminescence spectroscopy of EuAl ₂ O ₄ phosphor. Radiation Measurements, 2007, 42, 652-656.	1.4	8
149	Local properties of impurity and defects investigated by high pressure spectroscopy. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2007, 10, 28-29.	1.0	0
150	Pressure effect on luminescence dynamics in Pr ³⁺ -doped LiNbO ₃ and LiTaO ₃ crystals. Journal of Physics Condensed Matter, 2006, 18, 117-125.	1.8	22
151	energy transfer in Ce ³⁺ -doped Y _{3-x} Tb _x Gd _{0.65} Al ₅ O ₁₂ . Journal of Physics Condensed Matter, 2006, 18, 10531-10543.	1.8	14
152	Photoluminescence of annealed LLGG:Cr ³⁺ crystals under high pressure. Journal of Non-Crystalline Solids, 2006, 352, 4174-4178.	3.1	1
153	Time-resolved streak camera system with solid state laser and optical parametric generator in different spectroscopic applications. Optics Communications, 2006, 263, 275-280.	2.1	118
154	High pressure photoluminescence study of cerium-doped Lu ₂ SiO ₅ . Optical Materials, 2006, 28, 115-118.	3.6	6
155	The luminescence of CaWO ₄ :Bi single crystals. Journal of Luminescence, 2006, 116, 43-51.	3.1	43
156	The effect of pressure on luminescence properties of Cr ³⁺ ions in LiSc(WO ₄) ₂ crystals – Part I: Pressure dependent emission lineshape. Journal of Luminescence, 2006, 116, 1-14.	3.1	34
157	The effect of pressure on luminescence properties of Cr ³⁺ ions in LiSc(WO ₄) ₂ crystals – Part II: Pressure- and temperature-dependent luminescence kinetics. Journal of Luminescence, 2006, 116, 15-27.	3.1	10
158	Mixing of the f ₂ (1S ₀) and 4f _{5/2} states of Pr ³⁺ in BaSO ₄ under high pressure. Journal of Luminescence, 2006, 119-120, 473-477.	3.1	5
159	Evidence for existence of the trapped exciton states in Pr ³⁺ -doped LiNbO ₃ crystal. Optical Materials, 2006, 28, 137-142.	3.6	24
160	High pressure spectroscopy of rare earth ions doped crystals – new results. Optical Materials, 2006, 28, 26-34.	3.6	34
161	Femtosecond pump-probe measurements of non-radiative relaxation in LiAlO ₂ :V ³⁺ . Journal of Physics Condensed Matter, 2006, 18, 3967-3974.	1.8	1
162	Pressure dependence of the impurity-trapped exciton emission in BaF ₂ :Eu and Ba _x Sr _{1-x} F ₂ :Eu. Physical Review B, 2006, 74, .	3.2	27

#	ARTICLE	IF	CITATIONS
163	High pressure investigation of the LLGG:Cr ³⁺ crystals after heat treatment. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 180-183.	0.8	3
164	High pressure photoluminescence study of Pr ³⁺ doped LiNbO ₃ crystal. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 188-191.	0.8	9
165	Pressure dependence of the 4f ₁ 5d ₁ → 4f ₂ emission of Pr ³⁺ :YAG using excited state absorption. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 284-288.	0.8	14
166	Spectral properties of LiTaO ₃ :Pr ³⁺ under high hydrostatic pressure. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 5381-5395.	1.8	32
167	Influence of high pressure on the luminescence transitions of Mn ⁴⁺ -doped gadolinium gallium garnet. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 7185-7197.	1.8	52
168	Influence of hydrostatic pressure on radiative transition probability of the intrashell 4f transitions in Yb ³⁺ ions in lithium niobate crystals. <i>Physical Review B</i> , 2005, 72, .	3.2	18
169	Pressure dependence of electron-phonon coupling in Ce ³⁺ -doped Gd ₃ Sc ₂ Al ₃ O ₁₂ garnet crystals. <i>Physical Review B</i> , 2004, 69, .	3.2	23
170	Spectroscopic properties of ZnWO ₄ single crystal doped with Fe and Li impurities. <i>Radiation Measurements</i> , 2004, 38, 707-710.	1.4	19
171	Luminescent spectroscopy of Eu ²⁺ centers in CsBr:Eu single crystals at 10 ⁻⁴ –550K. <i>Journal of Luminescence</i> , 2004, 106, 313-320.	3.1	16
172	Photoluminescence of LLGG:Cr ³⁺ crystals under high pressure. <i>Radiation Measurements</i> , 2004, 38, 579-584.	1.4	3
173	High pressure spectroscopy of Pr ³⁺ in LiNbO ₃ . <i>Journal of Alloys and Compounds</i> , 2004, 380, 230-234.	5.5	15
174	Influence of high hydrostatic pressure on energetic structure and electron-lattice coupling of transition metal and rare earth related centers in solids. <i>Semiconductor Physics, Quantum Electronics and Optoelectronics</i> , 2004, 7, 180-184.	1.0	2
175	High-pressure spectroscopy characterisation of LiSc(WO ₄) ₂ crystals doped with trivalent chromium. <i>Journal of Luminescence</i> , 2003, 102-103, 699-704.	3.1	10
176	High Pressure Spectroscopy of Ce Doped Yag Crystal. <i>Radiation Effects and Defects in Solids</i> , 2003, 158, 39-47.	1.2	23
177	Photoacoustic and optical absorption spectroscopy studies of luminescent Cr ³⁺ and Cr ⁴⁺ centers in yttrium aluminum garnet. <i>Physical Review B</i> , 2003, 67, .	3.2	21
178	Spectroscopy of lanthanum lutetium gallium garnet crystals doped with chromium. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2003, 20, 577.	2.1	12
179	EPR spectroscopy of the Cr ³⁺ centers in LLGG:Cr single crystals. <i>Journal of Alloys and Compounds</i> , 2003, 361, 6-12.	5.5	25
180	Nonradiative processes in transition ions in crystals. <i>Review of Scientific Instruments</i> , 2003, 74, 312-315.	1.3	4

#	ARTICLE	IF	CITATIONS
181	Photoacoustic signal in strongly luminescent crystals: Bulk-surface states deexcitation model. <i>Physical Review B</i> , 2003, 67, .	3.2	3
182	High Pressure Spectroscopy of Ti Doped Al ₂ O ₃ and YAlO ₃ Host Crystals. <i>Radiation Effects and Defects in Solids</i> , 2003, 158, 141-149.	1.2	5
183	Low-temperature high-pressure spectroscopy of lanthanum lutetium gallium garnet crystals doped with Cr ³⁺ and Nd ³⁺ . <i>Physical Review B</i> , 2002, 65, .	3.2	35
184	Excited state spectroscopy of the silica sol-gel glass activated by Cr ⁵⁺ and Cr ⁶⁺ ions. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 11553-11572.	1.8	24
185	Excited-state relaxation dynamics of Cr ³⁺ in YAl ₃ (BO ₃) ₄ . <i>Journal of Physics Condensed Matter</i> , 2002, 14, 5229-5237.	1.8	24
186	High Pressure Luminescence of Cr-Related Centers in (3CaO-Ga ₂ O ₃ -3GeO ₂) Glasses. <i>High Pressure Research</i> , 2002, 22, 47-52.	1.2	1
187	High-pressure luminescence of Cr ³⁺ -doped CaO-Ga ₂ O ₃ -GeO ₂ glasses. <i>Physical Review B</i> , 2002, 65, .	3.2	21
188	Jahn-Teller effect in Co ²⁺ -doped SrLaGa ₃ O ₇ . <i>Journal of Alloys and Compounds</i> , 2002, 341, 170-173.	5.5	5
189	Excited state spectroscopy of chromium ions in various valence states in glasses. <i>Journal of Alloys and Compounds</i> , 2002, 341, 19-27.	5.5	61
190	Spectroscopic characterisation of disordered materials doped with chromium. <i>Optical Materials</i> , 2002, 19, 37-45.	3.6	34
191	Excited state absorption in chromium doped Li ₂ B ₄ O ₇ glass. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 2701-2716.	1.8	16
192	Investigation of a copper-doped sol-gel glass for laser applications. , 2001, , .		0
193	Lifetime distribution and non-radiative processes in chromium doped aluminosilicate glass. <i>Radiation Effects and Defects in Solids</i> , 2001, 156, 347-352.	1.2	0
194	Inhomogeneous broadening of the dominant Cr ³⁺ sites in LiTaO ₃ system. <i>Journal of Luminescence</i> , 2001, 94-95, 85-90.	3.1	3
195	The influence of the heat treatment on luminescence and EPR spectra of mixed Na _x K _{1-x} Cl single crystals. <i>Radiation Measurements</i> , 2001, 33, 773-777.	1.4	5
196	Luminescence kinetics and emission lifetime distribution of Cr ³⁺ -doped aluminosilicate glass. <i>Journal of Luminescence</i> , 2001, 92, 277-286.	3.1	19
197	Magnetic Ordering in the ZrNi _{1-x} Cr _x Sn Compound. <i>Materials Science Forum</i> , 2001, 373-376, 697-700.	0.3	0
198	The Jahn-Teller effect in the SrLaGa ₃ O ₇ :Co ²⁺ system. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 743-752.	1.8	6

#	ARTICLE	IF	CITATIONS
199	Photoacoustic spectra of YAG:Cr ³⁺ and Ce ³⁺ crystals. , 2001, , .		3
200	Inhomogeneous broadening of Cr ³⁺ luminescence in doped LiTaO ₃ . Physical Review B, 2001, 63, .	3.2	47
201	Crystal field model of the three principal Cr ³⁺ centers in LiTaO ₃ . Radiation Effects and Defects in Solids, 2001, 155, 247-251.	1.2	1
202	High pressure spectroscopy of chromium doped LiTaO ₃ crystals. High Pressure Research, 2000, 18, 125-130.	1.2	3
203	High-pressure spectroscopy of LiNbO ₃ :MgO,Cr ³⁺ crystals. Journal of Luminescence, 2000, 87-89, 571-573.	3.1	14
204	<title>Luminescence of copper-doped sol-gel matrices for laser applications</title>. , 2000, 4237, 45.		0
205	Spectroscopy of near-stoichiometric LiNbO ₃ :MgO,Cr crystals under high pressure. Physical Review B, 2000, 62, 10802-10811.	3.2	54
206	Identification of multisite behavior in a broadly emitting transition-metal system using pressure. Physical Review B, 2000, 61, 14263-14266.	3.2	11
207	Anomalous magnetism and electron paramagnetic resonance spectroscopy of the ZrNi _{1-x} Cr _x Sn solid solution. Journal of Alloys and Compounds, 2000, 296, 253-257.	5.5	5
208	Photoacoustic spectroscopy of YAG crystals doped with Ce. Journal of Alloys and Compounds, 2000, 300-301, 158-164.	5.5	25
209	Temperature dependence of the luminescence decay of Cr ³⁺ ions in LiTaO ₃ : Confined potential model. Physical Review B, 1999, 60, 959-965.	3.2	11
210	Nonradiative processes in the Zn _{1-x} CoxSesystem. Physical Review B, 1999, 60, 8595-8601.	3.2	4
211	Optical spectroscopy and excited state absorption of the ZAS (ZrO ₂ Al ₂ O ₃ SiO ₂) glass doped with chromium. Journal of Luminescence, 1999, 81, 301-312.	3.1	15
212	Broadening of optical transitions in Cr ³⁺ -doped aluminosilicate glasses. Physical Review B, 1999, 59, 13712-13718.	3.2	30
213	Photoacoustic characterization of YGG and YAG doped with Cr and Ca. , 1999, , .		0
214	Photoluminescence Kinetics of YAG Crystals Activated with Ce, and Ce and Mg. Acta Physica Polonica A, 1999, 95, 395-402.	0.5	12
215	Excited State Absorption and Thermoluminescence in Ce and Mg Doped Yttrium Aluminum Garnet. Acta Physica Polonica A, 1999, 95, 403-412.	0.5	10
216	Continuous function decay analysis of a multisite impurity activated solid. Optics Communications, 1998, 156, 409-418.	2.1	32

#	ARTICLE	IF	CITATIONS
217	Spectroscopic evaluation of the CGG (CaO-Ga ₂ O ₃ -GeO ₂) glass doped with chromium. Journal of Luminescence, 1998, 79, 1-8.	3.1	11
218	Excited state absorption in the gahnite glass ceramics and its parent glass doped with chromium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1725-1734.	3.9	28
219	Luminescence and luminescence kinetics of chromium doped gahnite glass ceramics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1735-1739.	3.9	7
220	Excited state absorption in Cr ³⁺ -doped gahnite glass ceramics. Journal of Luminescence, 1998, 78, 135-146.	3.1	34
221	Effect of Cr ³⁺ and Cr ⁴⁺ ions on the photoacoustic spectrum of the Y ₃ Ga ₅ O ₁₂ garnet., 1998, , ,		0
222	The influence of substitutional disorder on non-radiative transitions in -doped gallogermanate crystals. Journal of Physics Condensed Matter, 1997, 9, 2815-2829.	1.8	14
223	Influence of a confinement-type lattice anharmonicity on the nonradiative processes in solids. Physical Review B, 1997, 55, 5581-5584.	3.2	10
224	Structure of the 2E _g -4A ₂ emission of the Cr ³⁺ : gahnite glass ceramics. , 1997, 3176, 42.		4
225	Electron-lattice interaction of localized states in solids. , 1996, 2706, 121.		1
226	Substitutional disorder and the optical spectroscopy of gallogermanate crystals. Journal of Physics Condensed Matter, 1996, 8, 3933-3946.	1.8	20
227	Estimation of the Jahn-Teller stabilization energy in closed-shell transition-metal complexes. Journal of Applied Spectroscopy, 1995, 62, 693-696.	0.7	2
228	Inhomogeneous broadening of optical transitions dominated by low-symmetry crystal-field components in Cr ³⁺ -doped gallogermanates. Physical Review B, 1995, 52, 3917-3929.	3.2	51
229	Spectroscopic manifestation of a confinement-type lattice anharmonicity. Physical Review B, 1994, 50, 6504-6507.	3.2	25
230	Photopyroelectric-quantum-yield spectroscopy and quantum-mechanical photoexcitation-decay kinetics of the Ti ³⁺ ion in Al ₂ O ₃ . Physical Review B, 1994, 49, 12496-12506.	3.2	37
231	High pressure spectroscopy of LLGG doped with Cr ³⁺ . Journal of Luminescence, 1994, 60-61, 223-226.	3.1	44
232	2E _g 4A ₂ fluorescence of Cr ³⁺ in high and intermediate field garnets. Journal of Luminescence, 1993, 54, 369-382.	3.1	57
233	Bandwidth and time evolution of the Cr ³⁺ fluorescence in (Ca, Zr)-substituted Gd ₃ Ga ₅ O ₁₂ . Journal of Luminescence, 1993, 55, 303-314.	3.1	20
234	Theory of interconfigurational nonradiative transitions in transition-metal ions in solids and application to the Ti ³⁺ :Al ₂ O ₃ system. Physical Review B, 1993, 48, 5935-5944.	3.2	45

#	ARTICLE	IF	CITATIONS
235	Spectroscopy and analysis of radiative and nonradiative processes in Ti ³⁺ :Al ₂ O ₃ crystals. Physical Review B, 1993, 48, 5922-5934.	3.2	45
236	Jahn-Teller effect in V ⁴⁺ doped Gd ₃ Ga ₅ O ₁₂ garnet. Journal De Physique, I, 1993, 3, 1973-1983.	1.2	3
237	The adiabatic model of electronic and vibronic structure of 2E, 2T ₁ and 4T ₂ spin-orbit coupled states. Ruby fluorescence decay time under pressure. Journal of Luminescence, 1992, 53, 447-451.	3.1	7
238	Influence of Twinning on Local Electronic Properties of ZnSe. Acta Physica Polonica A, 1992, 82, 890-892.	0.5	0
239	The coupling of 4T ₂ and 2E states of the Cr ³⁺ ion in solid state materials. Journal of Luminescence, 1991, 50, 231-242.	3.1	35
240	Spin-Orbit Coupling in Cr ³⁺ Ion in Solid State Materials. Acta Physica Polonica A, 1991, 79, 235-238.	0.5	1
241	Shallow-Deep Instability of Donor States in Many-Valley Semiconductors. Acta Physica Polonica A, 1991, 80, 361-364.	0.5	0
242	DLTS investigation of GaP under hydrostatic pressure. High Pressure Research, 1990, 3, 93-95.	1.2	0
243	Possibility of investigation the metastable donor states in ii-vi semiconductors under hydrostatic pressure. High Pressure Research, 1990, 3, 12-14.	1.2	0
244	Lattice-distortion-induced electronic bistability of the donor defect in semiconductors. Physical Review B, 1990, 41, 8323-8332.	3.2	3
245	Electron-lattice-interaction-induced localization in semiconducting compounds. Physical Review B, 1989, 39, 8443-8449.	3.2	4
246	The Substitutional Shallow Donor Size Effect. Physica Status Solidi (B): Basic Research, 1988, 145, 619-624.	1.5	3
247	The Pseudopotential Approach to the Shallow Donor Problem in II-VI Semiconductors. Physica Status Solidi (B): Basic Research, 1986, 138, 275-284.	1.5	6
248	The Energy of Shallow Donor States in CdTe, GaAs, AgCl, AgBr Semiconductors. Physica Status Solidi (B): Basic Research, 1985, 130, 325-331.	1.5	7
249	High Pressure Characterization of Luminescence Centers in Oxides. Ceramic Engineering and Science Proceedings, 0, , 157-162.	0.1	0