

# Sebastian Mahlik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6947733/publications.pdf>

Version: 2024-02-01

106  
papers

3,320  
citations

186265

28  
h-index

168389

53  
g-index

107  
all docs

107  
docs citations

107  
times ranked

1941  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Narrow Red Emission Band Fluoride Phosphor $\text{KNaSiF}_6:\text{Mn}^{4+}$ for Warm White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 11194-11203.	8.0	228
3	High Color Rendering Index of $\text{Rb}_2\text{GeF}_6:\text{Mn}^{4+}$ for Light-Emitting Diodes. Chemistry of Materials, 2017, 29, 935-939.	6.7	172
4	Penetrating Biological Tissue Using Light-Emitting Diodes with a Highly Efficient Near-Infrared $\text{ScBO}_3:\text{Cr}^{3+}$ Phosphor. Chemistry of Materials, 2020, 32, 2166-2171.	6.7	142
5	Green Light-Excitable Ce-Doped Nitridomagnesoaluminate $\text{Sr}[\text{Mg}_2\text{Al}_2\text{N}_4]$ Phosphor for White Light-Emitting Diodes. Chemistry of Materials, 2016, 28, 6822-6825.	6.7	138
6	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
7	Ultra-high-efficiency near-infrared $\text{Ga}_2\text{O}_3:\text{Cr}^{3+}$ phosphor and controlling of phytochrome. Journal of Materials Chemistry C, 2020, 8, 11013-11017.	5.5	111
8	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
9	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in $\text{Mn}^{4+}$ -Activated Narrow Band Fluoride Phosphors. Angewandte Chemie - International Edition, 2018, 57, 1797-1801.	13.8	93
10	Enhance Color Rendering Index via Full Spectrum Employing the Important Key of Cyan Phosphor. ACS Applied Materials & Interfaces, 2016, 8, 30677-30682.	8.0	85
11	Chromium(III)-Doped Fluoride Phosphors with Broadband Infrared Emission for Light-Emitting Diodes. Inorganic Chemistry, 2020, 59, 376-385.	4.0	84
12	Ultra-Broadband Phosphors Converted Near-Infrared Light Emitting Diode with Efficient Radiant Power for Spectroscopy Applications. ACS Photonics, 2019, 6, 3215-3224.	6.6	64
13	Improvement of the Water Resistance of a Narrow-Band Red-Emitting $\text{SrLiAl}_3\text{N}_4:\text{Eu}^{2+}$ Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. Angewandte Chemie - International Edition, 2016, 55, 9652-9656.	13.8	63
14	Controlling of Structural Ordering and Rigidity of $\hat{\Gamma}^2\text{-SiAlON}:\text{Eu}$ through Chemical Cosubstitution to Approach Narrow-Band-Emission for Light-Emitting Diodes Application. Chemistry of Materials, 2017, 29, 6781-6792.	6.7	57
15	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of $\text{Sr}(\text{LiAl}_3)_{1-x}(\text{SiMg}_3)_x\text{N}_4:\text{Eu}^{2+}$ Phosphors. Angewandte Chemie - International Edition, 2019, 58, 7767-7772.	23.8	57
16	Binding energies of $\text{Eu}^{2+}$ and $\text{Eu}^{3+}$ ions in $\hat{\Gamma}^2\text{-Ca}_2\text{SiO}_4$ doped with europium. Optical Materials, 2013, 35, 2107-2114.	3.6	56
17	Impurity-trapped excitons: Experimental evidence and theoretical concept. Journal of Non-Crystalline Solids, 2008, 354, 4163-4169.	3.1	50
18	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

#	ARTICLE	IF	CITATIONS
19	Luminescence properties of different Eu sites in LiMgPO <sub>4</sub> :Eu <sup>2+</sup> , Eu <sup>3+</sup> . Journal of Physics Condensed Matter, 2014, 26, 385401.	1.8	44
20	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
21	Thermally Stable and Deep Red Luminescence of Sr <sub>x</sub> Ba <sub>x</sub> [Mg <sub>2</sub> Al <sub>2</sub> N <sub>4</sub> ]:Eu <sup>2+</sup> (x = 0-1) Phosphors for Solid State and Agricultural Lighting Applications. ACS Applied Materials & Interfaces, 2020, 12, 23165-23171.	8.0	42
22	Spectroscopic properties of the Ce-doped borate glasses. Optical Materials, 2016, 59, 20-27.	3.6	38
23	3 d 3 system – Comparison of Mn <sup>4+</sup> and Cr <sup>3+</sup> in different lattices. Optical Materials, 2017, 74, 93-100.	3.6	38
24	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
25	Chemical Control of SrLi(Al <sub>2</sub> Ga <sub>x</sub> ) <sub>3</sub> N <sub>4</sub> :Eu <sup>2+</sup> Red Phosphors at Extreme Conditions for Application in Light-Emitting Diodes. Chemistry of Materials, 2019, 31, 4614-4618.	6.7	37
26	High pressure effect on charge transfer transition in Y <sub>2</sub> O <sub>2</sub> S:Eu <sup>3+</sup> . Optical Materials, 2014, 36, 1616-1621.	3.6	35
27	Temperature effect on the emission spectra of narrow band Mn <sup>4+</sup> phosphors for application in LEDs. Physical Chemistry Chemical Physics, 2017, 19, 32505-32513.	2.8	33
28	High-Performance NaK <sub>2</sub> Li[Li <sub>3</sub> SiO <sub>4</sub> ] <sub>4</sub> :Eu Green Phosphor for Backlighting Light-Emitting Diodes. Chemistry of Materials, 2021, 33, 1893-1899.	6.7	31
29	Spectroscopic properties and location of the Ce <sup>3+</sup> energy levels in Y <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> and Y <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> at ambient and high hydrostatic pressure. Physical Chemistry Chemical Physics, 2016, 18, 6683-6690.	2.8	30
30	Pressure effects on the luminescence properties of CaWO <sub>4</sub> :Pr <sup>3+</sup> . Optical Materials, 2012, 34, 2012-2016.	3.6	29
31	Pressure effect on the zero-phonon line emission of Mn <sup>4+</sup> in K <sub>2</sub> SiF <sub>6</sub> . Journal of Chemical Physics, 2015, 143, 134704.	3.0	29
32	Efficient Luminescence from CsPbBr <sub>3</sub> Nanoparticles Embedded in Cs <sub>4</sub> PbBr <sub>6</sub> . Journal of Physical Chemistry Letters, 2020, 11, 7637-7642.	4.6	29
33	Influence of charge transfer state on Eu <sup>3+</sup> luminescence in LaAlO <sub>3</sub> , by high pressure spectroscopy. Optical Materials, 2017, 63, 158-166.	3.6	27
34	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
35	Disentangling Red Emission and Compensatory Defects in Sr[LiAl <sub>3</sub> N <sub>4</sub> ]:Ce <sup>3+</sup> Phosphor. Chemistry of Materials, 2018, 30, 4493-4497.	6.7	26
36	Luminescence of Ca(NbO <sub>3</sub> ) <sub>2</sub> :Pr <sup>3+</sup> at ambient and high hydrostatic pressure. Journal of Luminescence, 2009, 129, 1219-1224.	3.1	25

#	ARTICLE	IF	CITATIONS
37	Energy Level Structure of Bi <sup>3+</sup> in Zircon and Scheelite Polymorphs of YVO <sub>4</sub> . Journal of Physical Chemistry C, 2016, 120, 8261-8265.	3.1	25
38	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
39	KMgF <sub>3</sub> :Eu <sup>2+</sup> as a new fluorescence-based pressure sensor for diamond anvil cell experiments. Optical Materials, 2018, 84, 99-102.	3.6	24
40	High pressure evolution of YVO <sub>4</sub> :Pr <sup>3+</sup> luminescence. Journal of Physics Condensed Matter, 2009, 21, 105401.	1.8	23
41	High pressure luminescence spectra of CaMoO <sub>4</sub> :Ln <sup>3+</sup> (Ln = Pr, Tb). Journal of Physics Condensed Matter, 2013, 25, 105502.	1.8	22
42	Pressure evolution of LiBaF <sub>3</sub> :Eu <sup>2+</sup> luminescence. Journal of Physics Condensed Matter, 2009, 21, 235603.	1.8	21
43	Luminescence of CaWO <sub>4</sub> :Pr <sup>3+</sup> and CaWO <sub>4</sub> :Tb <sup>3+</sup> at ambient and high hydrostatic pressures. Radiation Measurements, 2013, 56, 1-5.	1.4	21
44	High pressure and time-resolved luminescence spectra of Ca <sub>3</sub> Y <sub>2</sub> (SiO <sub>4</sub> ) <sub>3</sub> doped with Eu <sup>2+</sup> and Eu <sup>3+</sup> . Journal of Physics Condensed Matter, 2013, 25, 025603.	1.8	20
45	Luminescence Spectra of <sup>12</sup> -SiALON/Pr <sup>3+</sup> Under High Hydrostatic Pressure. Journal of Physical Chemistry C, 2013, 117, 13181-13186.	3.1	20
46	Chemical and Mechanical Pressure-Induced Photoluminescence Tuning via Structural Evolution and Hydrostatic Pressure. Chemistry of Materials, 2021, 33, 3832-3840.	6.7	20
47	Luminescent GeO <sub>2</sub> -Pb-Bi <sub>2</sub> O <sub>3</sub> glasses co-doped with Tb <sup>3+</sup> and Eu <sup>3+</sup> : Excitation energy transfer and color chromaticity. Optical Materials, 2014, 36, 633-638.	3.6	18
48	Low and high field sites of Cr <sup>3+</sup> ions in calcium tetraborate glasses. Optical Materials, 2016, 59, 120-125.	3.6	18
49	Luminescence of LiBaF <sub>3</sub> and KMgF <sub>3</sub> doped with Eu <sup>2+</sup> . Journal of Non-Crystalline Solids, 2010, 356, 1888-1892.	3.1	17
50	Energy levels in CaWO <sub>4</sub> :Tb <sup>3+</sup> at high pressure. Physical Chemistry Chemical Physics, 2015, 17, 32341-32346.	2.8	16
51	Hydrogen-Containing Na <sub>3</sub> HTi <sub>1-x</sub> MnxF <sub>8</sub> Narrow-Band Phosphor for Light-Emitting Diodes. ACS Energy Letters, 2019, 4, 527-533.	17.4	16
52	Spectroscopic properties and location of the Tb <sup>3+</sup> and Eu <sup>3+</sup> energy levels in Y <sub>2</sub> O <sub>2</sub> S under high hydrostatic pressure. Physical Chemistry Chemical Physics, 2016, 18, 22266-22275.	2.8	15
53	White emitting phosphors based on glasses of the type 10AlF <sub>3</sub> -10TiO <sub>2</sub> -39PbO-30H <sub>3</sub> BO <sub>3</sub> -10SiO <sub>2</sub> -xEu <sub>2</sub> O <sub>3</sub> -(1-x)Tb <sub>2</sub> O <sub>3</sub> : An energy transfer study. Journal of Luminescence, 2015, 166, 54-59.		14
54	Broadband NaK <sub>2</sub> Li[Li <sub>3</sub> SiO <sub>4</sub> ] <sub>4</sub> :Ce Alkali Lithosilicate Blue Phosphors. Journal of Physical Chemistry Letters, 2020, 11, 6621-6625.	4.6	14

#	ARTICLE	IF	CITATIONS
55	Luminescence and Luminescence Kinetics of Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> Polycrystals Doped with Cr <sup>3+</sup> and Pr <sup>3+</sup> . Acta Physica Polonica A, 2010, 117, 117-121.	0.5	14
56	Photoluminescence enhancement study in a Bi-doped Cs <sub>2</sub> AgInCl <sub>6</sub> double perovskite by pressure and temperature-dependent self-trapped exciton emission. Dalton Transactions, 2022, 51, 2026-2032.	3.3	14
57	Pressure and temperature dependence of the emission in BaF <sub>2</sub> :Eu and SrF <sub>2</sub> :Eu. Journal of Luminescence, 2008, 128, 715-717.	3.1	13
58	Temperature and pressure dependence of the luminescence of Eu <sup>2+</sup> -doped fluoride crystals Ba <sub>x</sub> Sr <sub>1-x</sub> F <sub>2</sub> (x = 0, 0.3, 0.5 and 1): experiment and model. Journal of Physics Condensed Matter, 2009, 21, 245601.	1.8	13
59	Influence of high hydrostatic pressure on Eu <sup>2+</sup> -luminescence in KMgF <sub>3</sub> :Eu <sup>2+</sup> crystal. Journal of Luminescence, 2011, 131, 306-309.	3.1	13
60	Spectroscopic properties and energy level location of Eu <sup>2+</sup> in Sr <sub>2</sub> Si <sub>5</sub> N <sub>8</sub> phosphor. Optical Materials, 2014, 37, 734-739.	3.6	13
61	Optical properties of pure and Ce <sup>3+</sup> doped gadolinium gallium garnet crystals and epitaxial layers. Journal of Luminescence, 2015, 164, 31-37.	3.1	13
62	Improvement of the Water Resistance of a Narrow-Band Red-Emitting SrLiAl <sub>3</sub> N <sub>4</sub> :Eu <sup>2+</sup> Phosphor Synthesized under High Isostatic Pressure through Coating with an Organosilica Layer. Angewandte Chemie, 2016, 128, 9804-9808.	2.0	13
63	Structural phase transitions and photoluminescence properties of oxonitridosilicate phosphors under high hydrostatic pressure. Scientific Reports, 2016, 6, 34010.	3.3	13
64	Luminescence kinetics in silica gel doped with Tb <sup>3+</sup> ions and ZnS:Mn <sup>2+</sup> nanocrystals. Journal of Luminescence, 2008, 128, 921-923.	3.1	12
65	Luminescence of Gd <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> :Ln <sup>3+</sup> at ambient and high hydrostatic pressure. Journal of Physics Condensed Matter, 2012, 24, 485501.	1.8	12
66	Comparison of quenching mechanisms in Gd <sub>3</sub> Al <sub>5-x</sub> Ga <sub>x</sub> O <sub>12</sub> :Ce <sup>3+</sup> (x = 3 and 5) garnet phosphors by photocurrent excitation spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 18380-18390.	2.8	12
67	Properties of Charge Carrier Traps in Lu <sub>2</sub> O <sub>3</sub> :Tb,Hf Ceramic Storage Phosphors Observed by High-Pressure Spectroscopy and Photoconductivity. Journal of Physical Chemistry C, 2020, 124, 20340-20349.	3.1	12
68	High pressure luminescence spectra of CaMoO <sub>4</sub> :Pr <sup>3+</sup> . Journal of Physics Condensed Matter, 2012, 24, 215402.	1.8	11
69	New Pr <sup>3+</sup> site in $\beta$ -SiAlON red phosphor. Optical Materials, 2013, 35, 2001-2005.	3.6	11
70	Study of persistent luminescence and thermoluminescence in SrSi <sub>2</sub> N <sub>2</sub> O <sub>2</sub> :Eu <sup>2+</sup> ,M <sup>3+</sup> (M = Ce, Dy, and Nd). Physical Chemistry Chemical Physics, 2020, 22, 17152-17159.	2.8	11
71	Luminescence of Ca(NbO <sub>3</sub> ) <sub>2</sub> :Pr <sup>3+</sup> : Pr <sup>3+</sup> and self-trapped exciton emission. Radiation Measurements, 2010, 45, 288-291.	1.4	10
72	Pressure evolution of luminescence in Sr Ba <sub>1-x</sub> (NbO <sub>2</sub> ) <sub>3</sub> :Pr <sup>3+</sup> (x=1/2 and 1/3). Journal of Luminescence, 2014, 152, 62-65.	3.1	10

#	ARTICLE	IF	CITATIONS
73	Luminescence quenching in KYb(WO <sub>4</sub> ) <sub>2</sub> :Tb <sup>3+</sup> : An example of temperature-pressure equivalence. Journal of Luminescence, 2017, 191, 18-21.	3.1	10
74	High pressure and time resolved luminescence spectra of Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> :Pr <sup>3+</sup> crystal. Optical Materials, 2011, 33, 1525-1529.	3.6	9
75	Intensification of luminescence of Europium-EDTA complex in polyvinyl pyrrolidone films by copper nanoparticles. Optical Materials, 2016, 59, 3-7.	3.6	9
76	Control of Luminescence by Tuning of Crystal Symmetry and Local Structure in Mn <sup>4+</sup> -Activated Narrow Band Fluoride Phosphors. Angewandte Chemie, 2018, 130, 1815-1819.	2.0	9
77	High pressure luminescence and time resolved spectra of La <sub>2</sub> Be <sub>2</sub> O <sub>5</sub> :Pr <sup>3+</sup> . Optical Materials, 2011, 34, 164-168.	3.6	8
78	Pressure-induced phase transition in LiLuF <sub>4</sub> :Pr <sup>3+</sup> investigated by an optical technique. Journal of Physics Condensed Matter, 2012, 24, 115502.	1.8	8
79	Optical processes in YVO <sub>4</sub> :Eu <sup>3+</sup> across zircon-to-scheelite phase transition. Journal of Luminescence, 2015, 165, 19-22.	3.1	8
80	Luminescence properties of MgF <sub>2</sub> :Yb <sup>2+</sup> at high hydrostatic pressure. Journal of Luminescence, 2016, 169, 788-793.	3.1	8
81	Formation and Near-Infrared Emission of CsPb <sub>3</sub> Nanoparticles Embedded in Cs <sub>4</sub> Pb <sub>6</sub> Crystals. ACS Applied Materials & Interfaces, 2021, 13, 34742-34751.	8.0	8
82	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
83	Tb <sup>3+</sup> ions in presence of ZnS:Mn <sup>2+</sup> nanocrystals immobilized on silica: Energy transfer ZnS <sup>†</sup> Tb <sup>3+</sup> and coordination state of Mn <sup>2+</sup> ions. Journal of Luminescence, 2009, 129, 246-250.	3.1	7
84	Impurity trapped exciton states related to rare earth ions in crystals under high hydrostatic pressure. Crystallography Reports, 2013, 58, 139-143.	0.6	7
85	Pressure dependence of the Sr <sub>2</sub> Si <sub>5</sub> N <sub>8</sub> :Eu <sup>2+</sup> luminescence. Journal of Luminescence, 2015, 159, 183-187.	3.1	7
86	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
87	Thermal stabilization and energy transfer in narrow-band red-emitting Sr[(Mg <sub>2</sub> Al <sub>2</sub> ) <sub>1-y</sub> (Li <sub>2</sub> Si <sub>2</sub> ) <sub>y</sub> N <sub>4</sub> ]:Eu <sup>2+</sup> Journal of Materials Chemistry C, 2018, 6, 5975-5983.		
88	Thermal quenching of Ce <sup>3+</sup> luminescence in the cuspidine-type oxide nitride compounds Y <sub>4</sub> Si <sub>2</sub> xAlxO <sub>7</sub> +xN <sub>2</sub> . Journal of Luminescence, 2018, 193, 125-132.	3.1	7
89	Evolution of the optical properties of chromium doped calcium tetraborate glass under high pressure. Journal of Luminescence, 2016, 177, 111-118.	3.1	6
90	Structural Evolution and Effect of the Neighboring Cation on the Photoluminescence of Sr(LiAl <sub>3</sub> ) <sub>1-x</sub> (SiMg <sub>3</sub> ) <sub>x</sub> N <sub>4</sub> :Eu <sup>2+</sup> Phosphors. Angewandte Chemie, 2019, 131, 7849-7854.	2.0	6

#	ARTICLE	IF	CITATIONS
91	Pressure-induced luminescence quenching in KY(WO <sub>4</sub> ) <sub>2</sub> :Pr <sup>3+</sup> . Optical Materials, 2017, 74, 41-45.	3.6	5
92	Spectroscopic properties of high-temperature sintered SrS:0.05%Ce <sup>3+</sup> under high hydrostatic pressure. Physical Chemistry Chemical Physics, 2018, 20, 10266-10274.	2.8	5
93	Tb <sup>3+</sup> ions in the presence of ZnS:Mn <sup>2+</sup> nanocrystals incorporated into silica: Tb <sup>3+</sup> and Mn <sup>2+</sup> luminescence kinetics. Optical Materials, 2008, 30, 719-721.	3.6	4
94	Low temperature luminescence of KMgF <sub>3</sub> :Eu <sup>2+</sup> crystal. Optical Materials, 2011, 33, 996-999.	3.6	4
95	Temperature evolution of the luminescence decay of Sr <sub>0.33</sub> Ba <sub>0.67</sub> Nb <sub>2</sub> O <sub>6</sub> : Pr <sup>3+</sup> . Journal of Physics Condensed Matter, 2014, 26, 165502.	1.8	4
96	Dopant Concentration Induced Optical Changes in Ca,Eu- $\hat{z}$ -Sialon. Crystals, 2017, 7, 342.	2.2	4
97	New Eu <sup>2+</sup> sites in KMgF <sub>3</sub> :Eu <sup>2+</sup> crystal. Journal of Physics Condensed Matter, 2011, 23, 035404.	1.8	3
98	High pressure luminescence of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll">\langle \text{mml:msub}\langle \text{mml:mrow}\langle \text{mml:mstyle mathvariant="normal"}\rangle \langle \text{mml:mi}YV$	1.2	2
99	Time evolution of luminescence of Sr <sub>2</sub> SiO <sub>4</sub> :Eu <sup>2+</sup> . Journal of Physics Condensed Matter, 2013, 25, 425501.	1.8	2
100	Pressure dependence of the emission in CaF <sub>2</sub> :Yb <sup>2+</sup> . Journal of Physics Condensed Matter, 2015, 27, 305501.	1.8	2
101	Mechanism of the Luminescence Enhancement of SrSi <sub>2</sub> N <sub>2</sub> O <sub>2</sub> :Eu <sup>2+</sup> Phosphor via Manganese Addition. Journal of Physical Chemistry C, 2022, 126, 5292-5301.	3.1	2
102	Aggregation of Rhodamine 6G in titanium dioxide nanolayers and bulk xerogels. Optical Materials, 2014, 36, 1694-1697.	3.6	1
103	Charge transfer and europium trapped exciton states in Eu <sup>3+</sup> /Eu <sup>2+</sup> doped phosphors. , 2014, , .		1
104	Dual-emission Eu-doped Ca <sub>2-x</sub> Sr <sub>x</sub> PN <sub>3</sub> nitridophosphate phosphors prepared by hot isostatic press. Journal of Materials Chemistry C, 2021, 9, 8158-8162.	5.5	1
105	Reply to the "Comment on "Spectroscopic properties and location of the Ce <sup>3+</sup> energy levels in Y <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> and Y <sub>3</sub> Ca <sub>5</sub> O <sub>12</sub> at ambient and high hydrostatic pressure" by Y. Wang, M. C. A. owacki, M. Berkowski, A. Kamińska and A. Suchocki, Phys. Chem. Chem. Phys., 2019, 21, DOI: 10.1039/C8CP06154H. Physical Chemistry Chemical Physics, 2019, 21, 2818-2820.	2.8	0
106	High pressure luminescence and time resolved spectra of LiNbO <sub>3</sub> :Pr <sup>3+</sup> . Photonics Letters of Poland, 2011, 3, .	0.4	0