

# Peiqing Cai

## List of Publications by Year in descending order

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24  
papers

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citations

759233

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Thermometry Based on Vibration Sidebands in $\text{Y}_{2}\text{MgTiO}_{6}:\text{Mn}^{4+}$ Double Perovskite. <i>Inorganic Chemistry</i> , 2018, 57, 3073-3081.	4.0	157
2	Influence of Doping and Excitation Powers on Optical Thermometry in $\text{Yb}^{3+}$ - $\text{Er}^{3+}$ doped $\text{CaWO}_{4}$ . <i>Scientific Reports</i> , 2017, 7, 43383.	3.3	101
3	Excitation power dependent optical temperature behaviors in $\text{Mn}^{4+}$ doped oxyfluoride $\text{Na}_{2}\text{WO}_{2}\text{F}_{4}$ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2028-2035.	2.8	90
4	Luminescence, energy transfer and optical thermometry of a novel narrow red emitting phosphor: $\text{Cs}_{2}\text{WO}_{2}\text{F}_{4}:\text{Mn}^{4+}$ . <i>Dalton Transactions</i> , 2017, 46, 14331-14340.	3.3	83
5	Preparation, characterization and luminescent properties of red-emitting phosphor: $\text{LiLa}_{2}\text{NbO}_{6}$ doped with $\text{Mn}^{4+}$ ions. <i>Journal of Alloys and Compounds</i> , 2018, 755, 61-66.	5.5	58
6	Combustion Synthesis of $\text{BiOCl}$ with Tunable Percentage of Exposed {001} Facets and Enhanced Photocatalytic Properties. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1515-1519.	3.8	52
7	Bluish-white-light-emitting diodes based on two-dimensional lead halide perovskite $(\text{C}_{6}\text{H}_{5}\text{C}_{2}\text{H}_{4}\text{NH}_{3})_{2}\text{PbCl}_{2}\text{Br}_{2}$ . <i>Applied Physics Letters</i> , 2018, 112, .	3.3	50
8	Structural and luminescent properties of red-emitting $\text{Eu}^{3+}$ -doped ternary rare earth antimonates $\text{R}_{3}\text{SbO}_{7}$ (R = La, Gd, Y). <i>Journal of Materials Chemistry C</i> , 2014, 2, 5559-5569.	5.5	49
9	Anti-Stokes Ultraviolet Luminescence and Exciton Detrapping in the Two-Dimensional Perovskite $(\text{C}_{6}\text{H}_{5}\text{C}_{2}\text{H}_{4}\text{NH}_{3})_{2}\text{PbCl}_{6}$ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4095-4102.	3.8	32
10	Synthesis, structure and optical performance of red-emitting phosphor $\text{Ba}_{5}\text{AlF}_{13}:\text{Mn}^{4+}$ . <i>RSC Advances</i> , 2017, 7, 49473-49479.	3.6	21
11	Spectral Conversion From Ultraviolet to Near Infrared in $\text{Yb}^{3+}$ -Doped Pyrovanadate $\text{Zn}_{2}\text{V}_{2}\text{O}_{7}$ Particles. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3202-3207.	3.8	18
12	Enhanced Visible Light-Driven Photocatalysis by $\text{Eu}^{3+}$ -Doping in $\text{BaNb}_{2}\text{V}_{2}\text{O}_{11}$ with Layered Mixed-Anion Structure. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12989-12998.	3.1	16
13	Preparation of lanthanide ( $\text{Eu}^{3+}$ , $\text{Tb}^{3+}$ )-complex-grafted copolymer of methyl methacrylate and maleic anhydride films and the promising application as LED luminous layers. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5615-5622.	2.2	12
14	Hydrothermal synthesis and upconversion luminescence of $\text{Y}_{2}\text{WO}_{6}:\text{Yb}^{3+}/\text{Er}^{3+}$ crystals. <i>Journal of Alloys and Compounds</i> , 2018, 747, 803-808.	5.5	10
15	A Visible-Light-Driven Photocatalyst of $\text{NASICON}$ $\text{Li}_{2}\text{Ni}_{2}(\text{MoO}_{4})_{3}$ Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2165-2169.	3.8	9
16	Luminescence properties of $\text{Lu}_{3}\text{Al}_{5}\text{O}_{12}:\text{Tb}^{3+}$ nano-garnet. <i>Journal of the Korean Physical Society</i> , 2014, 64, 1859-1865.	0.7	8
17	Decoupling the Positive and Negative Aging Processes of Perovskite Light-Emitting Diodes Using a Thin Interlayer of Ionic Liquid. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7783-7791.	4.6	8
18	Preparation and spectral characteristics of $\text{Ce}^{3+}$ -activated boroaluminate $\text{LaAl}_{2}\text{B}_{3}\text{O}_{9}$ . <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 749-756.	2.3	6

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19	Thermal quenching and luminescence decay in self-activated La <sub>2</sub> W <sub>3</sub> O <sub>12</sub> . Journal of the Korean Physical Society, 2016, 68, 443-447.	0.7	6
20	Regulated room temperature phosphorescence from zero-dimensional organometallic halide hybrids for anti-counterfeiting and encryption. Journal of Luminescence, 2022, 248, 118979.	3.1	6
21	Synthesis and Luminescence Properties of Blue-Emitting Phosphor Eu <sup>2+</sup> -Doped Zinc Fluoro-Phosphate Zn <sub>2</sub> [PO <sub>4</sub> ] <sub>2</sub> F. Journal of the American Ceramic Society, 2014, 97, 3561-3567.	3.8	5
22	Energy transfer and luminescence properties of Dy <sup>3+</sup> ions doped in La <sub>2</sub> W <sub>3</sub> O <sub>12</sub> lattices. Journal of the Korean Physical Society, 2016, 69, 1575-1580.	0.7	5
23	Eu <sup>2+</sup> -Doped Yellow-Emitting CsBaB <sub>3</sub> O <sub>6</sub> Glass-Ceramic Prepared by Melt Quenching and Re-Crystallization Method. Journal of the American Ceramic Society, 2014, 97, 3216-3222.	3.8	3
24	Unusual temperature and excitation energy dependences of impurity-trapped excitons in LiBaF <sub>3</sub> :Eu <sup>2+</sup> crystals. Journal of Luminescence, 2018, 195, 141-152.	3.1	3