

# Peiqing Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

808  
citations

759233

12  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulated room temperature phosphorescence from zero-dimensional organometallic halide hybrids for anti-counterfeiting and encryption. <i>Journal of Luminescence</i> , 2022, 248, 118979.	3.1	6
2	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
3	Anti-Stokes Ultraviolet Luminescence and Exciton Detrapping in the Two-Dimensional Perovskite (C <sub>6</sub> H <sub>5</sub> C <sub>2</sub> H <sub>4</sub> NH <sub>3</sub> ) <sub>2</sub> PbCl <sub>4</sub> . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4095-4102.	3.6	32
4	Optical Thermometry Based on Vibration Sidebands in Y <sub>2</sub> MgTiO <sub>6</sub> :Mn <sup>4+</sup> Double Perovskite. <i>Inorganic Chemistry</i> , 2018, 57, 3073-3081.	4.0	157
5	Bluish-white-light-emitting diodes based on two-dimensional lead halide perovskite (C <sub>6</sub> H <sub>5</sub> C <sub>2</sub> H <sub>4</sub> NH <sub>3</sub> ) <sub>2</sub> PbCl <sub>2</sub> Br <sub>2</sub> . <i>Applied Physics Letters</i> , 2018, 112, .	3.3	50
6	Preparation, characterization and luminescent properties of red-emitting phosphor: LiLa <sub>2</sub> NbO <sub>6</sub> doped with Mn <sup>4+</sup> ions. <i>Journal of Alloys and Compounds</i> , 2018, 755, 61-66.	5.5	58
7	Hydrothermal synthesis and upconversion luminescence of Y <sub>2</sub> WO <sub>6</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> crystals. <i>Journal of Alloys and Compounds</i> , 2018, 747, 803-808.	5.5	10
8	Unusual temperature and excitation energy dependences of impurity-trapped excitons in LiBaF <sub>3</sub> :Eu <sup>2+</sup> crystals. <i>Journal of Luminescence</i> , 2018, 195, 141-152.	3.1	3
9	Excitation power dependent optical temperature behaviors in Mn <sup>4+</sup> -doped oxyfluoride Na <sub>2</sub> WO <sub>2</sub> F <sub>4</sub> . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2028-2035.	2.8	90
10	Preparation of lanthanide (Eu <sup>3+</sup> , Tb <sup>3+</sup> )-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
11	Influence of Doping and Excitation Powers on Optical Thermometry in Yb <sup>3+</sup> -Er <sup>3+</sup> doped CaWO <sub>4</sub> . <i>Scientific Reports</i> , 2017, 7, 43383.	3.3	101
12	Synthesis, structure and optical performance of red-emitting phosphor Ba <sub>5</sub> AlF <sub>13</sub> :Mn <sup>4+</sup> . <i>RSC Advances</i> , 2017, 7, 49473-49479.	3.6	21
13	Luminescence, energy transfer and optical thermometry of a novel narrow red emitting phosphor: Cs <sub>2</sub> WO <sub>2</sub> F <sub>4</sub> :Mn <sup>4+</sup> . <i>Dalton Transactions</i> , 2017, 46, 14331-14340.	3.3	83
14	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. <i>Journal of the Korean Physical Society</i> , 2016, 69, 1575-1580.	0.7	5
15	Enhanced Visible Light-Driven Photocatalysis by Eu <sup>3+</sup> -Doping in BaNb <sub>2</sub> V <sub>2</sub> O <sub>11</sub> with Layered Mixed-Anion Structure. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12989-12998.	3.1	16
16	Thermal quenching and luminescence decay in self-activated La <sub>2</sub> W <sub>3</sub> O <sub>12</sub> . <i>Journal of the Korean Physical Society</i> , 2016, 68, 443-447.	0.7	6
17	A Visible-Light-Driven Photocatalyst of NASICON Li <sub>2</sub> Ni <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> Nanoparticles. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2165-2169.	3.8	9
18	Combustion Synthesis of 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

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19	Preparation and spectral characteristics of Ce <sup>3+</sup> -activated borocaluminate LaAl <sub>2</sub> B <sub>3</sub> O <sub>9</sub> . Applied Physics A: Materials Science and Processing, 2015, 118, 749-756.	2.3	6
20	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
21	Eu <sup>2+</sup> -Doped Yellow-Emitting CsBaB <sub>3</sub> O <sub>6</sub> Glass-Ceramic Prepared by Melt Quenching and Recrystallization Method. Journal of the American Ceramic Society, 2014, 97, 3216-3222.	3.8	3
22	Spectral Conversion From Ultraviolet to Near Infrared in Yb <sup>3+</sup> -Doped Pyrovanadate Zn <sub>2</sub> V <sub>2</sub> O <sub>7</sub> Particles. Journal of the American Ceramic Society, 2014, 97, 3202-3207.	3.8	18
23	Luminescence properties of Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Tb <sup>3+</sup> nano-garnet. Journal of the Korean Physical Society, 2014, 64, 1859-1865.	0.7	8
24	Structural and luminescent properties of red-emitting Eu <sup>3+</sup> -doped ternary rare earth antimonates R <sub>3</sub> SbO <sub>7</sub> (R = La, Gd, Y). Journal of Materials Chemistry C, 2014, 2, 5559-5569.	5.5	49