

# Pengfei Shen

## List of Publications by Year in descending order

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17  
papers

246  
citations

1162367

8  
h-index

940134

16  
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17  
docs citations

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times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Realization of pressure induced emission enhancement for rare earth luminescent materials: Adopting delta-doped structure. <i>Journal of Alloys and Compounds</i> , 2021, 859, 157882.	2.8	1
2	Temperature and laser-power dependent Raman spectra of MoS <sub>2</sub> /RGO hybrid and few-layered MoS <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2021, 604, 412693.	1.3	9
3	Nanoshock wave enhancement on stimulated Raman scattering of liquid water in dilute ethanol-water solutions. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 635-640.	1.2	3
4	Enhanced visible-light photocatalytic performance of cadmium sulfide film via annealing treatment. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	1
5	Pressure-Induced Enhancement of Broad-Band White Light Emission in Butylammonium Lead Bromide. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4131-4137.	2.1	22
6	Pressure-Induced Enhancement of Optical Properties in Indium Oxide Nanowires. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10244-10251.	1.5	1
7	Size and morphology effects on the high pressure behaviors of Mn <sub>3</sub> O <sub>4</sub> nanorods. <i>Nanoscale Advances</i> , 2020, 2, 5841-5847.	2.2	9
8	Observation of superconductivity in pressurized 2M WSe <sub>2</sub> crystals. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8551-8555.	2.7	23
9	Synthesis and photocatalytic activity of f-doped hexagonal NaYF <sub>4</sub> :Yb,Tm@TiO <sub>2</sub> /RGO nanocrystals. <i>CrystEngComm</i> , 2019, 21, 1019-1025.	1.3	8
10	Pressure induced transformation and subsequent amorphization of monoclinic Nb <sub>2</sub> O <sub>5</sub> and its effect on optical properties. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 105401.	0.7	7
11	Performance of double perovskite symmetrical electrode materials Sr <sub>2</sub> TiFe <sub>1-x</sub> Mo <sub>x</sub> O <sub>6</sub> (x = 0.1, 0.2) for solid oxide fuel cells. <i>Electrochimica Acta</i> , 2018, 263, 217-227.	2.6	58
12	Pressure-Dependent Strong Photoluminescence of Excitons Bound to Defects in WS <sub>2</sub> Quantum Dots. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800305.	1.9	8
13	Excellent photocatalytic performance of few-layer MoS <sub>2</sub> /graphene hybrids. <i>Journal of Alloys and Compounds</i> , 2017, 700, 12-17.	2.8	44
14	Raman and IR spectroscopic characterization of molybdenum disulfide under quasi-hydrostatic and non-hydrostatic conditions. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1600798.	0.7	9
15	Raman study of graphene nanoribbon analogs confined in single-walled carbon nanotubes and their high-pressure transformations. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 951-957.	1.2	4
16	Linear Tunability of the Band Gap and Two-Dimensional (2D) to Three-Dimensional (3D) Isostructural Transition in WSe <sub>2</sub> under High Pressure. <i>Journal of Physical Chemistry C</i> , 2017, 121, 26019-26026.	1.5	20
17	The structural phase transition process of free-standing monoclinic vanadium dioxide micron-sized rods: temperature-dependent Raman study. <i>RSC Advances</i> , 2015, 5, 83139-83143.	1.7	19