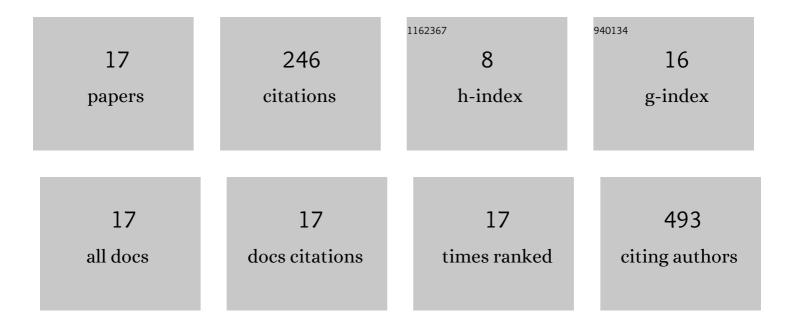
## Pengfei Shen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8640545/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Realization of pressure induced emission enhancement for rare earth luminescent materials: Adopting delta-doped structure. Journal of Alloys and Compounds, 2021, 859, 157882.	2.8	1
2	Temperature and laser-power dependent Raman spectra of MoS2/RGO hybrid and few-layered MoS2. Physica B: Condensed Matter, 2021, 604, 412693.	1.3	9
3	Nanoshock wave enhancement on stimulated Raman scattering of liquid water in dilute ethanol–water solutions. Journal of Raman Spectroscopy, 2021, 52, 635-640.	1.2	3
4	Enhanced visible-light photocatalytic performance of cadmium sulfide film via annealing treatment. SN Applied Sciences, 2020, 2, 1.	1.5	1
5	Pressure-Induced Enhancement of Broad-Band White Light Emission in Butylammonium Lead Bromide. Journal of Physical Chemistry Letters, 2020, 11, 4131-4137.	2.1	22
6	Pressure-Induced Enhancement of Optical Properties in Indium Oxide Nanowires. Journal of Physical Chemistry C, 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. Nanoscale Advances, 2020, 2, 5841-5847.	2.2	9
8	Observation of superconductivity in pressurized 2M WSe <sub>2</sub> crystals. Journal of Materials Chemistry C, 2019, 7, 8551-8555.	2.7	23
9	Synthesis and photocatalytic activity of δ-doped hexagonal NaYF4:Yb,Tm@TiO2/RGO nanocrystals. CrystEngComm, 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. Journal of Physics Condensed Matter, 2019, 31, 105401.	0.7	7
11	Performance of double perovskite symmetrical electrode materials Sr2TiFe1–Mo O6– (xÂ= 0.1, 0.2) for solid oxide fuel cells. Electrochimica Acta, 2018, 263, 217-227.	2.6	58
12	Pressureâ€Dependent Strong Photoluminescence of Excitons Bound to Defects in WS <sub>2</sub> Quantum Dots. Advanced Materials Interfaces, 2018, 5, 1800305.	1.9	8
13	Excellent photocatalytic performance of few-layer MoS2/graphene hybrids. Journal of Alloys and Compounds, 2017, 700, 12-17.	2.8	44
14	Raman and IR spectroscopic characterization of molybdenum disulfide under quasiâ€hydrostatic and nonâ€hydrostatic conditions. Physica Status Solidi (B): Basic Research, 2017, 254, 1600798.	0.7	9
15	Raman study of graphene nanoribbon analogs confined in singleâ€walled carbon nanotubes and their highâ€pressure transformations. Journal of Raman Spectroscopy, 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. Journal of Physical Chemistry C, 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. RSC Advances, 2015, 5, 83139-83143.	1.7	19