

# Xiaobo Feng

## List of Publications by Year in descending order

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17  
papers

220  
citations

1307594

7  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Relaxation Dynamics and Nonlinear Response of Few-Layer Niobium Carbide MXene. <i>Small Methods</i> , 2020, 4, 2000250.	8.6	84
2	Shape-dependent two-photon absorption in semiconductor nanocrystals. <i>Optics Express</i> , 2009, 17, 13140.	3.4	29
3	Three-photon absorption in semiconductor quantum dots: experiment. <i>Optics Express</i> , 2008, 16, 6999.	3.4	19
4	Wavelength-Controlled Photodetector Based on Single CdSSe Nanobelt. <i>Nanoscale Research Letters</i> , 2018, 13, 171.	5.7	15
5	Giant Two-photon Absorption in Circular Graphene Quantum Dots in Infrared Region. <i>Scientific Reports</i> , 2016, 6, 33260.	3.3	11
6	Size and edge dependence of two-photon absorption in rectangular graphene quantum dots. <i>Optics Express</i> , 2018, 26, 7132.	3.4	11
7	Size-dependent two-photon absorption in circular graphene quantum dots. <i>Optics Express</i> , 2016, 24, 2877.	3.4	9
8	Width Dependent Two-Photon Absorption in Monolayer Black Phosphorus Nanoribbons. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2014.	2.5	8
9	Rashba spin-orbit coupling enhanced two-photon absorption and its polarization dependence in monolayer black phosphorus. <i>Optics Express</i> , 2020, 28, 9089.	3.4	8
10	Enhanced magnetic properties and tunable Dirac point of graphene/Mn-doped monolayer MoS <sub>2</sub> heterostructures. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 305304.	1.8	6
11	Tunable Electronic Properties and Giant Spontaneous Polarization in Graphene/Monolayer GeS van der Waals Heterostructure. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1900194.	1.5	6
12	Nonlinear Refractive Index in Rectangular Graphene Quantum Dots. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 325.	2.5	5
13	Photoconductive properties of Er-CdSe nanobelt detectors. <i>Journal of Materials Science</i> , 2019, 54, 560-570.	3.7	3
14	Angle-tunable two-photon absorption in twisted graphene systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 140, 115204.	2.7	3
15	Theoretical studies on the shape dependence of three-photon absorption in semiconductor nanocrystals. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 43, 1677-1682.	2.7	1
16	Enhanced photoluminescence due to two-photon enhanced three-photon absorption in Mn <sup>2+</sup> -doped ZnS quantum dots. <i>AIP Conference Proceedings</i> , 2014, .	0.4	1
17	Magnetic field dependent two-photon absorption properties in monolayer $\text{MoS}_2$ . <i>Physical Review B</i> , 2022, 105, .		