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	Angle-tunable two-photon absorption in twisted graphene systems. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 140, 115204.	2.7	3
2	Magnetic field dependent two-photon absorption properties in monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mm Physical Review B, 2022, 105, .	3.2	1
3	Ultrafast Relaxation Dynamics and Nonlinear Response of Fewâ€Layer Niobium Carbide MXene. Small Methods, 2020, 4, 2000250.	8.6	84
4	Rashba spin-orbit coupling enhanced two-photon absorption and its polarization dependence in monolayer black phosphorus. Optics Express, 2020, 28, 9089.	3.4	8
5	Nonlinear Refractive Index in Rectangular Graphene Quantum Dots. Applied Sciences (Switzerland), 2019, 9, 325.	2.5	5
6	Tunable Electronic Properties and Giant Spontaneous Polarization in Graphene/Monolayer GeS van der Waals Heterostructure. Physica Status Solidi (B): Basic Research, 2019, 256, 1900194.	1.5	6
7	Width Dependent Two-Photon Absorption in Monolayer Black Phosphorus Nanoribbons. Applied Sciences (Switzerland), 2019, 9, 2014.	2.5	8
8	Photoconductive properties of Er-CdSe nanobelt detectors. Journal of Materials Science, 2019, 54, 560-570.	3.7	3
9	Wavelength-Controlled Photodetector Based on Single CdSSe Nanobelt. Nanoscale Research Letters, 2018, 13, 171.	5.7	15
10	Enhanced magnetic properties and tunable Dirac point of graphene/Mn-doped monolayer MoS₂ heterostructures. Journal of Physics Condensed Matter, 2018, 30, 305304.	1.8	6
11	Size and edge dependence of two-photon absorption in rectangular graphene quantum dots. Optics Express, 2018, 26, 7132.	3.4	11
12	Giant Two-photon Absorption in Circular Graphene Quantum Dots in Infrared Region. Scientific Reports, 2016, 6, 33260.	3.3	11
13	Size-dependent two-photon absorption in circular graphene quantum dots. Optics Express, 2016, 24, 2877.	3.4	9
14	Enhanced photoluminescence due to two-photon enhanced three-photon absorption in Mn2+-doped ZnS quantum dots. AIP Conference Proceedings, 2014, , .	0.4	1
15	Theoretical studies on the shape dependence of three-photon absorption in semiconductor nanocrystals. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1677-1682.	2.7	1
16	Shape-dependent two-photon absorption in semiconductor nanocrystals. Optics Express, 2009, 17, 13140.	3.4	29
17	Three-photon absorption in semiconductor quantum dots: experiment. Optics Express, 2008, 16, 6999.	3.4	19