

# Jacob Johnny

## List of Publications by Year in descending order

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17  
papers

421  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of black TiO <sub>2</sub> nanoparticles by pulsed laser irradiation in liquid. Applied Surface Science, 2019, 483, 156-164.	6.1	73
2	Tuning the luminescence of nitrogen-doped graphene quantum dots synthesized by pulsed laser ablation in liquid and their use as a selective photoluminescence on a probe for ascorbic acid detection. Carbon, 2019, 150, 455-464.	10.3	62
3	Laser-generated high entropy metallic glass nanoparticles as bifunctional electrocatalysts. Nano Research, 2022, 15, 4807-4819.	10.4	36
4	Facile and fast synthesis of SnS <sub>2</sub> nanoparticles by pulsed laser ablation in liquid. Applied Surface Science, 2018, 435, 1285-1295.	6.1	31
5	Tin sulfide: Reduced graphene oxide nanocomposites for photovoltaic and electrochemical applications. Solar Energy Materials and Solar Cells, 2019, 189, 53-62.	6.2	29
6	SnS <sub>2</sub> nanoparticles by liquid phase laser ablation: Effects of laser fluence, temperature and post irradiation on morphology and hydrogen evolution reaction. Applied Surface Science, 2019, 470, 276-288.	6.1	28
7	Impact of activator incorporation on red emitting rods of ZnGa <sub>2</sub> O <sub>4</sub> :Cr <sup>3+</sup> phosphor. Materials Science and Engineering C, 2019, 94, 1037-1043.	7.3	25
8	Formation of Co@Au Core@Shell Nanoparticles with Thin Gold Shells and Soft Magnetic $\mu$ -Cobalt Cores Ruled by Thermodynamics and Kinetics. Journal of Physical Chemistry C, 2021, 125, 9534-9549.	3.1	25
9	Copper antimony sulfide nanoparticles by pulsed laser ablation in liquid and their thin film for photovoltaic application. Applied Surface Science, 2019, 476, 94-106.	6.1	23
10	Synthesis and Properties of Tin Sulfide Thin Films from Nanocolloids Prepared by Pulsed Laser Ablation in Liquid. ChemPhysChem, 2017, 18, 1061-1068.	2.1	21
11	Synthesis of surfactant free stable nanofluids based on barium hexaferrite by pulsed laser ablation in liquid. RSC Advances, 2018, 8, 19261-19271.	3.6	18
12	Multidimensional thermally-induced transformation of nest-structured complex Au-Fe nanoalloys towards equilibrium. Nano Research, 2022, 15, 581-592.	10.4	16
13	Enhancement of Proton Therapy Efficiency by Noble Metal Nanoparticles Is Driven by the Number and Chemical Activity of Surface Atoms. Small, 2022, 18, e2106383.	10.0	13
14	Nanostructured SnS <sub>2</sub> Thin Films from Laser Ablated Nanocolloids: Structure, Morphology, Optoelectronic and Electrochemical Properties. ChemPhysChem, 2018, 19, 2902-2914.	2.1	7
15	Hybrid films of reduced graphene oxide modified with gold nanorods and its study as surface-enhanced Raman spectroscopy platform. Materials Letters, 2020, 265, 127405.	2.6	7
16	On the microwave absorption of magnetic nanofluids based on barium hexaferrite in the S and X bands prepared by pulsed laser ablation in liquid. AIP Advances, 2019, 9, 035035.	1.3	5
17	An Analysis of the Quenching Performance of a Copper Nanofluid Prepared Using Laser Ablation. Journal of Thermal Science and Engineering Applications, 2016, 8, .	1.5	2