

# Sudarsan Tamang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,421  
citations

623734

14  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Semiconductor Nanocrystals, Focusing on Nontoxic and Earth-Abundant Materials. <i>Chemical Reviews</i> , 2016, 116, 10731-10819.	47.7	469
2	Chemistry of InP Nanocrystal Syntheses. <i>Chemistry of Materials</i> , 2016, 28, 2491-2506.	6.7	301
3	Aqueous Phase Transfer of InP/ZnS Nanocrystals Conserving Fluorescence and High Colloidal Stability. <i>ACS Nano</i> , 2011, 5, 9392-9402.	14.6	130
4	Halide-amine Co-passivated Indium Phosphide Colloidal Quantum Dots in Tetrahedral Shape. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3714-3718.	13.8	102
5	Cell-Permeable Ln(III) Chelate-Functionalized InP Quantum Dots As Multimodal Imaging Agents. <i>ACS Nano</i> , 2011, 5, 8193-8201.	14.6	87
6	Halide-amine Co-passivated Indium Phosphide Colloidal Quantum Dots in Tetrahedral Shape. <i>Angewandte Chemie</i> , 2016, 128, 3778-3782.	2.0	82
7	Tuning Size and Size Distribution of Colloidal InAs Nanocrystals via Continuous Supply of Prenucleation Clusters on Nanocrystal Seeds. <i>Chemistry of Materials</i> , 2016, 28, 8119-8122.	6.7	49
8	Long-term ambient air-stable cubic CsPbBr <sub>3</sub> perovskite quantum dots using molecular bromine. <i>Nanoscale Advances</i> , 2019, 1, 3388-3391.	4.6	30
9	Optimizing the relaxivity of Gd(III) complexes appended to InP/ZnS quantum dots by linker tuning. <i>Dalton Transactions</i> , 2013, 42, 8197.	3.3	26
10	Luminescence of Polyethylene Glycol Coated CdSeTe/ZnS and InP/ZnS Nanoparticles in the Presence of Copper Cations. <i>ChemPhysChem</i> , 2011, 12, 2247-2254.	2.1	24
11	Synthesis of colloidal InSb nanocrystals via in situ activation of InCl <sub>3</sub> . <i>Dalton Transactions</i> , 2015, 44, 16923-16928.	3.3	22
12	Synthesis of super bright indium phosphide colloidal quantum dots through thermal diffusion. <i>Communications Chemistry</i> , 2019, 2, .	4.5	20
13	HKUST-1 Metal Organic Framework as an Efficient Dual-Function Catalyst: Aziridination and One-Pot Ring-Opening Transformation for Formation of $\beta^2$ -Aryl Sulfonamides with C-C, C-N, C-S, and C-O Bonds. <i>Inorganic Chemistry</i> , 2021, 60, 7794-7802.	4.0	19
14	Stable lead-halide perovskite quantum dots as efficient visible light photocatalysts for organic transformations. <i>Nanoscale Advances</i> , 2021, 3, 1464-1472.	4.6	17
15	Tunable NIR-II emitting silver chalcogenide quantum dots using thio/selenourea precursors: preparation of an MRI/NIR-II multimodal imaging agent. <i>Dalton Transactions</i> , 2020, 49, 15425-15432.	3.3	12
16	Isolation, Structure, and Functional Elucidation of a Modified Pentapeptide, Cysteine Protease Inhibitor (CPI-2081) from <i>Streptomyces Species</i> 2081 that Exhibit Inhibitory Effect on Cancer Cell Migration. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5121-5128.	6.4	11
17	A simple and general route for monofunctionalization of fluorescent and magnetic nanoparticles using peptides. <i>Nanotechnology</i> , 2011, 22, 175103.	2.6	10
18	Compact and highly stable quantum dots through optimized aqueous phase transfer. <i>Proceedings of SPIE</i> , 2011, , .	0.8	5

#	ARTICLE	IF	CITATIONS
19	DBU-Catalyzed One-Pot Synthesis of Nearly Any Metal Salt of Fatty Acid (M-FA): A Library of Metal Precursors to Semiconductor Nanocrystal Synthesis. ACS Omega, 2020, 5, 6666-6675.	3.5	3
20	Controlled Aggregation of Gold Nanoparticle Networks Induced by Alkali Metal Ions. Journal of Nanoscience and Nanotechnology, 2007, 7, 2683-2689.	0.9	2