Chan Su Jung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11469318/publications.pdf

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22	1,189	430442 18	676716 22
papers	citations	h-index	g-index

22	22	22	2537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nickel phosphide polymorphs with an active (001) surface as excellent catalysts for water splitting. CrystEngComm, 2019, 21, 1143-1149.	1.3	19
2	Two-dimensional GeAs with a visible range band gap. Journal of Materials Chemistry A, 2018, 6, 9089-9098.	5.2	55
3	Surface-Modified Ta₃N₅ Nanocrystals with Boron for Enhanced Visible-Light-Driven Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2017, 9, 36715-36722.	4.0	20
4	Photoluminescence and Photocurrents of GaS_{1â€“x}Se_x Nanobelts. Chemistry of Materials, 2016, 28, 5811-5820.	3.2	28
5	Zn₂GeO₄ and Zn₂SnO₄ nanowires for high-capacity lithium- and sodium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 10691-10699.	5.2	77
6	Transition-Metal Doping of Oxide Nanocrystals for Enhanced Catalytic Oxygen Evolution. Journal of Physical Chemistry C, 2015, 119, 1921-1927.	1.5	96
7	In Situ Temperature-Dependent Transmission Electron Microscopy Studies of Pseudobinary mGeTeÂ·Bi₂Te₃ (m = 3â€“8) Nanowires and First-Principles Calculations. Nano Letters, 2015, 15, 3923-3930.	4.5	12
8	Red-to-Ultraviolet Emission Tuning of Two-Dimensional Gallium Sulfide/Selenide. ACS Nano, 2015, 9, 9585-9593.	7.3	163
9	Ternary alloy nanocrystals of tin and germanium chalcogenides. RSC Advances, 2014, 4, 15695-15701.	1.7	21
10	GaPâ€“ZnS Pseudobinary Alloy Nanowires. Nano Letters, 2014, 14, 5912-5919.	4.5	21
11	Band Gap Tuning of Twinned GaAsP Ternary Nanowires. Journal of Physical Chemistry C, 2014, 118, 4546-4552.	1.5	21
12	Tetragonal Phase Germanium Nanocrystals in Lithium Ion Batteries. ACS Nano, 2013, 7, 9075-9084.	7.3	120
13	Phase Evolution of Tin Nanocrystals in Lithium Ion Batteries. ACS Nano, 2013, 7, 11103-11111.	7.3	105
14	Polymorphism of GeSbTe Superlattice Nanowires. Nano Letters, 2013, 13, 543-549.	4.5	14
15	Germaniumâ€“tin alloy nanocrystals for high-performance lithium ion batteries. Physical Chemistry Chemical Physics, 2013, 15, 11691.	1.3	67
16	Facile phase and composition tuned synthesis of tin chalcogenide nanocrystals. RSC Advances, 2013, 3, 10349.	1.7	44
17	Photo-induced cation exchange reaction of germanium chalcogenide nanocrystals synthesized using gas-phase laser photolysis reaction. Chemical Communications, 2013, 49, 187-189.	2.2	13
18	Germanium sulfide(ii and iv) nanoparticles for enhanced performance of lithium ion batteries. Chemical Communications, 2013, 49, 4661.	2.2	76

#	Article	IF	Citations
19	High-Yield Gas-Phase Laser Photolysis Synthesis of Germanium Nanocrystals for High-Performance Photodetectors and Lithium Ion Batteries. Journal of Physical Chemistry C, 2012, 116, 26190-26196.	1.5	45
20	CdSSe layer-sensitized TiO2 nanowire arrays as efficient photoelectrodes. Journal of Materials Chemistry, 2011, 21, 4553.	6.7	65
21	Composition and Phase Tuned InGaAs Alloy Nanowires. Journal of Physical Chemistry C, 2011, 115, 7843-7850.	1.5	55
22	Selective Nitrogen-Doping Structure of Nanosize Graphitic Layers. Journal of Physical Chemistry C, 2011, 115, 3737-3744.	1.5	52