

Chan Su Jung

List of Publications by Year in descending order

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22
papers

1,189
citations

430442

18
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

2537
citing authors

#	ARTICLE	IF	CITATIONS
1	Red-to-Ultraviolet Emission Tuning of Two-Dimensional Gallium Sulfide/Selenide. ACS Nano, 2015, 9, 9585-9593.	7.3	163
2	Tetragonal Phase Germanium Nanocrystals in Lithium Ion Batteries. ACS Nano, 2013, 7, 9075-9084.	7.3	120
3	Phase Evolution of Tin Nanocrystals in Lithium Ion Batteries. ACS Nano, 2013, 7, 11103-11111.	7.3	105
4	Transition-Metal Doping of Oxide Nanocrystals for Enhanced Catalytic Oxygen Evolution. Journal of Physical Chemistry C, 2015, 119, 1921-1927.	1.5	96
5	Zn ₂ GeO ₄ and Zn ₂ SnO ₄ nanowires for high-capacity lithium- and sodium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 10691-10699.	5.2	77
6	Germanium sulfide(ii and iv) nanoparticles for enhanced performance of lithium ion batteries. Chemical Communications, 2013, 49, 4661.	2.2	76
7	Germanium-tin alloy nanocrystals for high-performance lithium ion batteries. Physical Chemistry Chemical Physics, 2013, 15, 11691.	1.3	67
8	CdSSe layer-sensitized TiO ₂ nanowire arrays as efficient photoelectrodes. Journal of Materials Chemistry, 2011, 21, 4553.	6.7	65
9	Composition and Phase Tuned InGaAs Alloy Nanowires. Journal of Physical Chemistry C, 2011, 115, 7843-7850.	1.5	55
10	Two-dimensional GeAs with a visible range band gap. Journal of Materials Chemistry A, 2018, 6, 9089-9098.	5.2	55
11	Selective Nitrogen-Doping Structure of Nanosize Graphitic Layers. Journal of Physical Chemistry C, 2011, 115, 3737-3744.	1.5	52
12	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
13	Facile phase and composition tuned synthesis of tin chalcogenide nanocrystals. RSC Advances, 2013, 3, 10349.	1.7	44
14	Photoluminescence and Photocurrents of GaS _x Se _x Nanobelts. Chemistry of Materials, 2016, 28, 5811-5820.	3.2	28
15	Ternary alloy nanocrystals of tin and germanium chalcogenides. RSC Advances, 2014, 4, 15695-15701.	1.7	21
16	GaZnS Pseudobinary Alloy Nanowires. Nano Letters, 2014, 14, 5912-5919.	4.5	21
17	Band Gap Tuning of Twinned GaAsP Ternary Nanowires. Journal of Physical Chemistry C, 2014, 118, 4546-4552.	1.5	21
18	Surface-Modified Ta ₃ N ₅ Nanocrystals with Boron for Enhanced Visible-Light-Driven Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2017, 9, 36715-36722.	4.0	20

#	ARTICLE	IF	CITATIONS
19	Nickel phosphide polymorphs with an active (001) surface as excellent catalysts for water splitting. <i>CrystEngComm</i> , 2019, 21, 1143-1149.	1.3	19
20	Polymorphism of GeSbTe Superlattice Nanowires. <i>Nano Letters</i> , 2013, 13, 543-549.	4.5	14
21	Photo-induced cation exchange reaction of germanium chalcogenide nanocrystals synthesized using gas-phase laser photolysis reaction. <i>Chemical Communications</i> , 2013, 49, 187-189.	2.2	13
22	<i>In Situ</i> Temperature-Dependent Transmission Electron Microscopy Studies of Pseudobinary $\text{GeTe} \cdot \text{Bi}_2\text{Te}_3$ ($x = 3 \sim 8$) Nanowires and First-Principles Calculations. <i>Nano Letters</i> , 2015, 15, 3923-3930.	4.5	12