

Eui-Hyun Kong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2332825/publications.pdf>

Version: 2024-02-01

17
papers

321
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of the design stress intensity value for the plate-type fuel assembly using a tensile test. Nuclear Engineering and Technology, 2021, 53, 911-919.	2.3	3
2	Drop behaviors of a plate-type fuel assembly used in research reactor for a drop accident. Progress in Nuclear Energy, 2019, 113, 255-262.	2.9	5
3	Modeling a failure criterion for U ²³⁵ /Mo/Al dispersion fuel. Journal of Nuclear Materials, 2016, 473, 68-74.	2.7	5
4	Quantum Dots: Bandgap Tuning by Using a Lattice Distortion Induced by Two Symmetries That Coexist in a Quantum Dot (Small 7/2014). Small, 2014, 10, 1299-1299.	10.0	1
5	Quantum Dots: Bandgap Tuning with Thermal Residual Stresses Induced in a Quantum Dot (Small) Tj ETQq1 1 0.784314 rgBT ₀ /Overl	10.0	10
6	Bandgap Tuning with Thermal Residual Stresses Induced in a Quantum Dot. Small, 2014, 10, 3678-3684.	10.0	11
7	Bandgap Tuning by Using a Lattice Distortion Induced by Two Symmetries That Coexist in a Quantum Dot. Small, 2014, 10, 1300-1307.	10.0	11
8	Cauliflower-like SnO ₂ hollow microspheres as anode and carbon fiber as cathode for high performance quantum dot and dye-sensitized solar cells. Nanoscale, 2014, 6, 3296.	5.6	51
9	A tri-functional TiO ₂ photoelectrode: single crystalline nanowires directly grown on nanoparticles for dye-sensitized solar cells. RSC Advances, 2014, 4, 943-947.	3.6	2
10	Quantum dot-sensitized mesoporous spherical TiO ₂ paste with cyclic calcination for photoelectrochemical cells. Electrochimica Acta, 2014, 132, 98-102.	5.2	2
11	Hybrid photoelectrode by using vertically aligned rutile TiO ₂ nanowires inlaid with anatase TiO ₂ nanoparticles for dye-sensitized solar cells. Materials Chemistry and Physics, 2014, 143, 1440-1445.	4.0	5
12	Surface Modification of TiO ₂ Nanoparticles with Phenyltrimethoxysilane in Dye-sensitized Solar Cells. Bulletin of the Korean Chemical Society, 2014, 35, 415-418.	1.9	8
13	Broadband light confinement using a hierarchically structured TiO ₂ multi-layer for dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 9707.	10.3	29
14	Aerosol OT/Water System Coupled with Triiodide/Iodide (I ₃ ⁻ /I ⁻) Redox Electrolytes for Highly Efficient Dye-sensitized Solar Cells. Advanced Energy Materials, 2013, 3, 1344-1350.	19.5	18
15	Sea urchin TiO ₂ nanoparticle hybrid composite photoelectrodes for CdS/CdSe/ZnS quantum-dot-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 4620.	2.8	33
16	Size-tunable mesoporous spherical TiO ₂ as a scattering overlayer in high-performance dye-sensitized solar cells. Journal of Materials Chemistry, 2011, 21, 9582.	6.7	119
17	Tertiary hierarchically structured TiO ₂ for CdS quantum-dot-sensitized solar cells. Electrochimica Acta, 2011, 56, 7371-7376.	5.2	18