

Eui-Hyun Kong

List of Publications by Year in descending order

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17
papers

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1163117

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604
citing authors

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