

# Samuel Woojoo Jun

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	2,875 citations	14 h-index	16 g-index
16 ext. papers	3,183 ext. citations	11 avg, IF	4.31 L-index

#	Paper	IF	Citations
15	Multifunctional wearable devices for diagnosis and therapy of movement disorders. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 397-404	28.7	1037
14	Highly Durable and Active PtFe Nanocatalyst for Electrochemical Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15478-85	16.4	393
13	Large-Scale Synthesis of Carbon-Shell-Coated FeP Nanoparticles for Robust Hydrogen Evolution Reaction Electrocatalyst. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 6669-6674	16.4	369
12	Large-scale synthesis of bioinert tantalum oxide nanoparticles for X-ray computed tomography imaging and bimodal image-guided sentinel lymph node mapping. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5508-15	16.4	270
11	High-resolution three-photon biomedical imaging using doped ZnS nanocrystals. <i>Nature Materials</i> , <b>2013</b> , 12, 359-66	27	218
10	Simple synthesis of Pd-Fe <sub>3</sub> O <sub>4</sub> heterodimer nanocrystals and their application as a magnetically recyclable catalyst for Suzuki cross-coupling reactions. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 2512-6	3.6	120
9	Simple one-pot synthesis of Rh-Fe <sub>3</sub> O <sub>4</sub> heterodimer nanocrystals and their applications to a magnetically recyclable catalyst for efficient and selective reduction of nitroarenes and alkenes. <i>Chemical Communications</i> , <b>2011</b> , 47, 3601-3	5.8	101
8	Magnetically separable carbon nanocomposite catalysts for efficient nitroarene reduction and Suzuki reactions. <i>Applied Catalysis A: General</i> , <b>2014</b> , 476, 133-139	5.1	67
7	Magnetically recyclable core-shell nanocatalysts for efficient heterogeneous oxidation of alcohols. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7593-7599	13	64
6	One-pot synthesis of magnetically recyclable mesoporous silica supported acid-base catalysts for tandem reactions. <i>Chemical Communications</i> , <b>2013</b> , 49, 7821-3	5.8	49
5	Efficient Photoluminescence of Mn <sup>2+</sup> -Doped ZnS Quantum Dots Excited by Two-Photon Absorption in Near-Infrared Window II. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 20905-20911	3.8	48
4	Sizing by weighing: characterizing sizes of ultrasmall-sized iron oxide nanocrystals using MALDI-TOF mass spectrometry. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2407-10	16.4	46
3	A simple synthesis of urchin-like Pt-Ni bimetallic nanostructures as enhanced electrocatalysts for the oxygen reduction reaction. <i>Chemical Communications</i> , <b>2016</b> , 52, 597-600	5.8	44
2	Large-scale synthesis of ultra-small-sized silver nanoparticles. <i>ChemPhysChem</i> , <b>2012</b> , 13, 2540-3	3.2	39
1	Controlled synthesis of nickel phosphide nanoparticles with pure-phase Ni <sub>2</sub> P and Ni <sub>12</sub> P <sub>5</sub> for hydrogenation of nitrobenzene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2019</b> , 126, 453-461	1.6	10