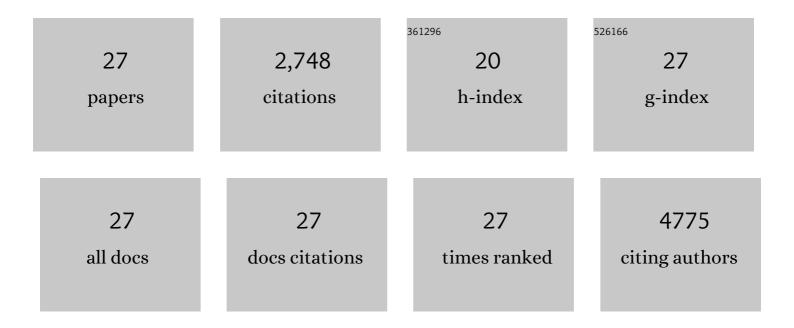
Joun Lee

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | An autonomous photosynthetic device in which all charge carriers derive from surface plasmons. Nature Nanotechnology, 2013, 8, 247-251. | 15.6 | 1,050 |
| 2 | Plasmonic Photoanodes for Solar Water Splitting with Visible Light. Nano Letters, 2012, 12, 5014-5019. | 4.5 | 491 |
| 3 | Plasmonic Photosensitization of a Wide Band Gap Semiconductor: Converting Plasmons to Charge Carriers. Nano Letters, 2011, 11, 5548-5552. | 4.5 | 385 |
| 4 | On the Plasmonic Photovoltaic. ACS Nano, 2014, 8, 6066-6073. | 7.3 | 152 |
| 5 | Panchromatic Photoproduction of H ₂ with Surface Plasmons. Nano Letters, 2015, 15, 2132-2136. | 4.5 | 80 |
| 6 | Dual-reporter SERS-based biomolecular assay with reduced false-positive signals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9056-9061. | 3.3 | 67 |
| 7 | Hot Carrier Filtering in Solution Processed Heterostructures: A Paradigm for Improving Thermoelectric Efficiency. Advanced Materials, 2014, 26, 2755-2761. | 11.1 | 58 |
| 8 | Activity of glucose oxidase entrapped in mesoporous gels. Biochemical Engineering Journal, 2005, 22, 161-166. | 1.8 | 49 |
| 9 | Pyrrole modified biomass derived hierarchical porous carbon as high performance symmetrical supercapacitor electrodes. International Journal of Hydrogen Energy, 2016, 41, 13109-13115. | 3.8 | 38 |
| 10 | Selective and Rapid Room Temperature Detection of H ₂ S Using Gold Nanoparticle Chain Arrays. Electroanalysis, 2011, 23, 2623-2628. | 1.5 | 32 |
| 11 | Stabilizing inorganic photoelectrodes for efficient solar-to-chemical energy conversion. Energy and Environmental Science, 2013, 6, 1633. | 15.6 | 32 |
| 12 | Plasmonâ€Mediated Photocatalytic Decomposition of Formic Acid on Palladium Nanostructures. Advanced Optical Materials, 2016, 4, 1041-1046. | 3.6 | 32 |
| 13 | Highâ€Efficiency Panchromatic Hybrid Schottky Solar Cells. Advanced Materials, 2013, 25, 256-260. | 11.1 | 29 |
| 14 | Earthâ€Abundant Tin Sulfideâ€Based Photocathodes for Solar Hydrogen Production. Advanced Science, 2018, 5, 1700362. | 5.6 | 29 |
| 15 | Investigation of shape controlled silver nanoplates by a solvothermal process. Journal of Colloid and Interface Science, 2010, 342, 8-17. | 5.0 | 28 |
| 16 | Low-Loading of Pt Nanoparticles on 3D Carbon Foam Support for Highly Active and Stable Hydrogen Production. Frontiers in Chemistry, 2018, 6, 523. | 1.8 | 26 |
| 17 | DNA Assisted Assembly of Multisegmented Nanowires. Electroanalysis, 2007, 19, 2287-2293. | 1.5 | 25 |
| 18 | Synthesis of Chemicals Using Solar Energy with Stable Photoelectrochemically Active Heterostructures. Nano Letters, 2013, 13, 2110-2115. | 4.5 | 25 |

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Controlled assembly of multi-segment nanowires by histidine-tagged peptides. Nanotechnology, 2006, 17, 3375-3379. | 1.3 | 23 |
| 20 | Nitrogen-modified biomass-derived cheese-like porous carbon for electric double layer capacitors. RSC Advances, 2016, 6, 26738-26744. | 1.7 | 22 |
| 21 | Stable electrocatalysts for autonomous photoelectrolysis of hydrobromic acid using single-junction solar cells. Energy and Environmental Science, 2014, 7, 978-981. | 15.6 | 17 |
| 22 | Gene-Activated Titanium Surfaces Promote In Vitro Osteogenesis. International Journal of Oral and Maxillofacial Implants, 2017, 32, e83-e96. | 0.6 | 17 |
| 23 | Solid Suspension Flow Batteries Using Earth Abundant Materials. ACS Applied Materials & Interfaces, 2016, 8, 1759-1765. | 4.0 | 16 |
| 24 | Template-free synthesis of vertically oriented tellurium nanowires via a galvanic displacement reaction. Electrochimica Acta, 2013, 111, 200-205. | 2.6 | 13 |
| 25 | Synthesis of gold nanostructures using glycine as the reducing agent. Nanotechnology, 2020, 31, 455601. | 1.3 | 6 |
| 26 | Structural evolution of Ag–Au nanoplates by pH controlled galvanic displacement. Current Applied Physics, 2012, 12, S53-S58. | 1.1 | 5 |
| 27 | Reply to "Comment on Highâ€Efficiency Panchromatic Hybrid Schottky Solar Cells― Advanced Materials, 2013, 25, 4826-4827. | 11.1 | 1 |