# Yun Jeong Hwang

List of Publications by Year
in descending order



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|---|---|---|---|
| 116 papers | 8,124 citations | 53660 45 h-index | 49773 87 g-index |
| 120 all docs | 120 docs citations | 120 times ranked | 9664 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Achieving Selective and Efficient Electrocatalytic Activity for CO<sub>2</sub> Reduction Using Immobilized Silver Nanoparticles. Journal of the American Chemical Society, 2015, 137, 13844-13850. | 6.6 | 575 |
| 2 | High Density n-Si/n-TiO<sub>2</sub>Core/Shell Nanowire Arrays with Enhanced Photoactivity. Nano Letters, 2009, 9, 410-415. | 4.5 | 535 |
| 3 | Mixed Copper States in Anodized Cu Electrocatalyst for Stable and Selective Ethylene Production from CO<sub>2</sub> Reduction. Journal of the American Chemical Society, 2018, 140, 8681-8689. | 6.6 | 397 |
| 4 | Electrochemical Fragmentation of Cu<sub>2</sub>O Nanoparticles Enhancing Selective Câ€“C Coupling from CO<sub>2</sub> Reduction Reaction. Journal of the American Chemical Society, 2019, 141, 4624-4633. | 6.6 | 390 |
| 5 | Photoelectrochemical Properties of TiO<sub>2</sub> Nanowire Arrays: A Study of the Dependence on Length and Atomic Layer Deposition Coating. ACS Nano, 2012, 6, 5060-5069. | 7.3 | 378 |
| 6 | Facile growth of aligned WO3 nanorods on FTO substrate for enhanced photoanodic water oxidation activity. Journal of Materials Chemistry A, 2013, 1, 3479. | 5.2 | 279 |
| 7 | Mesoporous Co3O4 as an electrocatalyst for water oxidation. Nano Research, 2013, 6, 47-54. | 5.8 | 274 |
| 8 | Facile CO<sub>2</sub> Electro-Reduction to Formate via Oxygen Bidentate Intermediate Stabilized by High-Index Planes of Bi Dendrite Catalyst. ACS Catalysis, 2017, 7, 5071-5077. | 5.5 | 263 |
| 9 | Catalystâ€“electrolyte interface chemistry for electrochemical CO<sub>2</sub> reduction. Chemical Society Reviews, 2020, 49, 6632-6665. | 18.7 | 234 |
| 10 | General technoeconomic analysis for electrochemical coproduction coupling carbon dioxide reduction with organic oxidation. Nature Communications, 2019, 10, 5193. | 5.8 | 219 |
| 11 | Si/InGaN Core/Shell Hierarchical Nanowire Arrays and their Photoelectrochemical Properties. Nano Letters, 2012, 12, 1678-1682. | 4.5 | 209 |
| 12 | Insight into Electrochemical CO<sub>2</sub> Reduction on Surface-Molecule-Mediated Ag Nanoparticles. ACS Catalysis, 2017, 7, 779-785. | 5.5 | 205 |
| 13 | Time-resolved observation of Câ€“C coupling intermediates on Cu electrodes for selective electrochemical CO<sub>2</sub> reduction. Energy and Environmental Science, 2020, 13, 4301-4311. | 15.6 | 197 |
| 14 | Embedding Covalency into Metal Catalysts for Efficient Electrochemical Conversion of CO<sub>2</sub>. Journal of the American Chemical Society, 2014, 136, 11355-11361. | 6.6 | 192 |
| 15 | Potential Link between Cu Surface and Selective CO<sub>2</sub> Electroreduction: Perspective on Future Electrocatalyst Designs. Advanced Materials, 2020, 32, e1908398. | 11.1 | 182 |
| 16 | Insight into Charge Separation in WO<sub>3</sub>/BiVO<sub>4</sub> Heterojunction for Solar Water Splitting. ACS Applied Materials & Interfaces, 2017, 9, 19780-19790. | 4.0 | 142 |
| 17 | Selective CO<sub>2</sub> Reduction on Zinc Electrocatalyst: The Effect of Zinc Oxidation State Induced by Pretreatment Environment. ACS Sustainable Chemistry and Engineering, 2017, 5, 11377-11386. | 3.2 | 127 |
| 18 | Epitaxial Growth of InGaN Nanowire Arrays for Light Emitting Diodes. ACS Nano, 2011, 5, 3970-3976. | 7.3 | 118 |

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|---|---|---|---|
| 19 | New challenges of electrokinetic studies in investigating the reaction mechanism of electrochemical CO<sub>2</sub> reduction. Journal of Materials Chemistry A, 2018, 6, 14043-14057. | 5.2 | 118 |
| 20 | Progress in development of electrocatalyst for CO<sub>2</sub> conversion to selective CO production. , 2020, 2, 72-98. | | 117 |
| 21 | Simple Chemical Solution Deposition of Co<sub>3</sub>O<sub>4</sub>Thin Film Electrocatalyst for Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2015, 7, 24550-24555. | 4.0 | 93 |
| 22 | D-sorbitol-induced phase control of TiO2 nanoparticles and its application for dye-sensitized solar cells. Scientific Reports, 2016, 6, 20103. | 1.6 | 93 |
| 23 | Surface analysis of N-doped TiO2 nanorods and their enhanced photocatalytic oxidation activity. Applied Catalysis B: Environmental, 2017, 204, 209-215. | 10.8 | 86 |
| 24 | Thermal Transformation of Molecular Ni<sup>2+</sup>â€"N<sub>4</sub> Sites for Enhanced CO<sub>2</sub> Electroreduction Activity. ACS Catalysis, 2020, 10, 10920-10931. | 5.5 | 81 |
| 25 | Cyclic two-step electrolysis for stable electrochemical conversion of carbon dioxide to formate. Nature Communications, 2019, 10, 3919. | 5.8 | 76 |
| 26 | High crystallinity design of Ir-based catalysts drives catalytic reversibility for water electrolysis and fuel cells. Nature Communications, 2021, 12, 4271. | 5.8 | 75 |
| 27 | Designing Atomically Dispersed Au on Tensile-Strained Pd for Efficient CO<sub>2</sub> Electroreduction to Formate. Journal of the American Chemical Society, 2021, 143, 5386-5395. | 6.6 | 74 |
| 28 | Highly selective and scalable CO2 to CO - Electrolysis using coral-nanostructured Ag catalysts in zero-gap configuration. Nano Energy, 2020, 76, 105030. | 8.2 | 73 |
| 29 | Electrocatalytic Reduction of Low Concentrations of CO<sub>2</sub> Gas in a Membrane Electrode Assembly Electrolyzer. ACS Energy Letters, 2021, 6, 3488-3495. | 8.8 | 73 |
| 30 | Enhanced Photocurrents with ZnS Passivated Cu(In,Ga)(Se,S)<sub>2</sub> Photocathodes Synthesized Using a Nonvacuum Process for Solar Water Splitting. Journal of the American Chemical Society, 2016, 138, 15673-15681. | 6.6 | 72 |
| 31 | Oxygen Plasma Induced Hierarchically Structured Gold Electrocatalyst for Selective Reduction of Carbon Dioxide to Carbon Monoxide. Journal of Physical Chemistry C, 2015, 119, 883-889. | 1.5 | 70 |
| 32 | Enhancement in carbon dioxide activity and stability on nanostructured silver electrode and the role of oxygen. Applied Catalysis B: Environmental, 2016, 180, 372-378. | 10.8 | 70 |
| 33 | Toward an Effective Control of the H<sub>2</sub> to CO Ratio of Syngas through CO<sub>2</sub> Electroreduction over Immobilized Gold Nanoparticles on Layered Titanate Nanosheets. ACS Catalysis, 2018, 8, 4364-4374. | 5.5 | 69 |
| 34 | Single-atom catalysts for the oxygen evolution reaction: recent developments and future perspectives. Chemical Communications, 2020, 56, 12687-12697. | 2.2 | 69 |
| 35 | Gold catalyst reactivity for CO2 electro-reduction: From nano particle to layer. Catalysis Today, 2016, 260, 107-111. | 2.2 | 67 |
| 36 | Printable, wide band-gap chalcopyrite thin films for power generating window applications. Scientific Reports, 2014, 4, 4408. | 1.6 | 65 |

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|---|---|---|---|
| 37 | Metalâ€“Oxide Interfaces for Selective Electrochemical Câ€“C Coupling Reactions. ACS Energy Letters, 2019, 4, 2241-2248. | 8.8 | 62 |
| 38 | Effect of the Si/TiO<sub>2</sub>/BiVO<sub>4</sub> Heterojunction on the Onset Potential of Photocurrents for Solar Water Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 5788-5796. | 4.0 | 60 |
| 39 | Catalyst design strategies for stable electrochemical CO<sub>2</sub> reduction reaction. Journal of Materials Chemistry A, 2020, 8, 15341-15357. | 5.2 | 58 |
| 40 | Light-Induced Charge Transport within a Single Asymmetric Nanowire. Nano Letters, 2011, 11, 3755-3758. | 4.5 | 57 |
| 41 | Mass Transport Control by Surface Graphene Oxide for Selective CO Production from Electrochemical CO<sub>2</sub> Reduction. ACS Catalysis, 2020, 10, 3222-3231. | 5.5 | 57 |
| 42 | Effect of halides on nanoporous Zn-based catalysts for highly efficient electroreduction of CO2 to CO. Catalysis Communications, 2018, 114, 109-113. | 1.6 | 55 |
| 43 | A monolithic and standalone solar-fuel device having comparable efficiency to photosynthesis in nature. Journal of Materials Chemistry A, 2015, 3, 5835-5842. | 5.2 | 54 |
| 44 | Achieving 14.4% Alcohol-Based Solution-Processed Cu(In,Ga)(S,Se)<sub>2</sub> Thin Film Solar Cell through Interface Engineering. ACS Applied Materials & Interfaces, 2018, 10, 9894-9899. | 4.0 | 54 |
| 45 | Carbon-Supported IrCoO nanoparticles as an efficient and stable OER electrocatalyst for practicable CO2 electrolysis. Applied Catalysis B: Environmental, 2020, 269, 118820. | 10.8 | 54 |
| 46 | Morphology control of one-dimensional heterojunctions for highly efficient photoanodes used for solar water splitting. Journal of Materials Chemistry A, 2014, 2, 11408. | 5.2 | 52 |
| 47 | Photo-oxidation activities on Pd-doped TiO2 nanoparticles: critical PdO formation effect. Applied Catalysis B: Environmental, 2015, 165, 20-26. | 10.8 | 40 |
| 48 | Effect of Pt introduced on Ru-based electrocatalyst for oxygen evolution activity and stability. Electrochemistry Communications, 2019, 104, 106469. | 2.3 | 40 |
| 49 | Surface-Morphology-Dependent Electrolyte Effects on Gold-Catalyzed Electrochemical CO<sub>2</sub> Reduction. Journal of Physical Chemistry C, 2017, 121, 22637-22643. | 1.5 | 39 |
| 50 | Improved photoelectrochemical water oxidation kinetics using a TiO<sub>2</sub> nanorod array photoanode decorated with graphene oxide in a neutral pH solution. Physical Chemistry Chemical Physics, 2015, 17, 7714-7719. | 1.3 | 38 |
| 51 | Contributors to Enhanced CO<sub>2</sub> Electroreduction Activity and Stability in a Nanostructured Au Electrocatalyst. ChemSusChem, 2016, 9, 2097-2102. | 3.6 | 38 |
| 52 | Controlling the C2+ product selectivity of electrochemical CO<sub>2</sub>reduction on an electrosprayed Cu catalyst. Journal of Materials Chemistry A, 2020, 8, 6210-6218. | 5.2 | 37 |
| 53 | Material strategies in the electrochemical nitrate reduction reaction to ammonia production. Materials Chemistry Frontiers, 2021, 5, 6803-6823. | 3.2 | 37 |
| 54 | Comparative study of catalytic activities among transition metal-doped IrO2 nanoparticles. Scientific Reports, 2018, 8, 16777. | 1.6 | 36 |

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|---|---|---|---|
| 55 | Highly selective and stackable electrode design for gaseous CO2 electroreduction to ethylene in a zero-gap configuration. Nano Energy, 2021, 84, 105859. | 8.2 | 36 |
| 56 | Origin of Hydrogen Incorporated into Ethylene during Electrochemical CO<sub>2</sub> Reduction in Membrane Electrode Assembly. ACS Energy Letters, 2022, 7, 939-945. | 8.8 | 36 |
| 57 | Chalcogenization-Derived Band Gap Grading in Solution-Processed CuIn<sub><i>x</i></sub>Ga<sub>1â€“<i>x</i></sub>(Se,S)<sub>2</sub> Thin-Film Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 27391-27396. | 4.0 | 34 |
| 58 | Stable surface oxygen on nanostructured silver for efficient CO2 electroreduction. Catalysis Today, 2017, 288, 48-53. | 2.2 | 34 |
| 59 | A perspective on practical solar to carbon monoxide production devices with economic evaluation. Sustainable Energy and Fuels, 2020, 4, 199-212. | 2.5 | 33 |
| 60 | Electrocatalytic methane oxidation on Co3O4- incorporated ZrO2 nanotube powder. Applied Catalysis B: Environmental, 2021, 283, 119653. | 10.8 | 33 |
| 61 | Oxygen Vacancies Induced NiFe-Hydroxide as a Scalable, Efficient, and Stable Electrode for Alkaline Overall Water Splitting. ACS Sustainable Chemistry and Engineering, 2020, 8, 14071-14081. | 3.2 | 32 |
| 62 | Chiral Attachment of Styrene Mediated by Surface Dimers on Ge(100). Journal of the American Chemical Society, 2005, 127, 5016-5017. | 6.6 | 28 |
| 63 | Monolithic DSSC/CIGS tandem solar cell fabricated by a solution process. Scientific Reports, 2015, 5, 8970. | 1.6 | 27 |
| 64 | Multiple-Color-Generating Cu(In,Ga)(S,Se)<sub>2</sub> Thin-Film Solar Cells via Dichroic Film Incorporation for Power-Generating Window Applications. ACS Applied Materials & Interfaces, 2017, 9, 14817-14826. | 4.0 | 27 |
| 65 | A catalyst design for selective electrochemical reactions: direct production of hydrogen peroxide in advanced electrochemical oxidation. Journal of Materials Chemistry A, 2020, 8, 9859-9870. | 5.2 | 26 |
| 66 | Highly stable tandem solar cell monolithically integrating dye-sensitized and CIGS solar cells. Scientific Reports, 2016, 6, 30868. | 1.6 | 25 |
| 67 | Sloughing a Precursor Layer to Expose Active Stainless Steel Catalyst for Water Oxidation. ACS Applied Materials & Interfaces, 2018, 10, 24499-24507. | 4.0 | 25 |
| 68 | Bidentate Structures of Acetic Acid on Ge(100):â€‰ The Role of Carboxyl Oxygen. Journal of Physical Chemistry C, 2007, 111, 5941-5945. | 1.5 | 23 |
| 69 | A self-generated and degradation-resistive cratered stainless steel electrocatalyst for efficient water oxidation in a neutral electrolyte. Journal of Materials Chemistry A, 2017, 5, 19210-19219. | 5.2 | 23 |
| 70 | Turning Harmful Deposition of Metal Impurities into Activation of Nitrogen-Doped Carbon Catalyst toward Durable Electrochemical CO<sub>2</sub> Reduction. ACS Energy Letters, 2019, 4, 2343-2350. | 8.8 | 23 |
| 71 | Role of HA additive in quantum dot solar cell with Co[(bpy)<sub>3</sub>]<sup>2+/3+</sup>-based electrolyte. RSC Advances, 2014, 4, 26907-26911. | 1.7 | 21 |
| 72 | Electrospun Mo-doped BiVO4 photoanode on a transparent conductive substrate for solar water oxidation. Catalysis Communications, 2016, 75, 18-22. | 1.6 | 21 |

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|---|---|---|---|
| 73 | Cobalt sulfide thin films for counter electrodes of dye-sensitized solar cells with cobalt complex based electrolytes. Electrochimica Acta, 2013, 114, 745-749. | 2.6 | 20 |
| 74 | Cu(In,Ga)(S,Se)2 Photocathodes with a Grown-In CuxS Catalyst for Solar Water Splitting. ACS Energy Letters, 2019, 4, 2937-2944. | 8.8 | 20 |
| 75 | Achieving tolerant CO2 electro-reduction catalyst in real water matrix. Applied Catalysis B: Environmental, 2019, 258, 117961. | 10.8 | 19 |
| 76 | Microfluidicsâ€Assisted Synthesis of Hierarchical Cu<sub>2</sub>O Nanocrystal as C<sub>2</sub>â€Selective CO<sub>2</sub> Reduction Electrocatalyst. Small Methods, 2022, 6, e2200074. | 4.6 | 19 |
| 77 | Cluster Expansion Method for Simulating Realistic Size of Nanoparticle Catalysts with an Application in CO<sub>2</sub> Electroreduction. Journal of Physical Chemistry C, 2018, 122, 9245-9254. | 1.5 | 17 |
| 78 | Understanding Selective Reduction of CO 2 to CO on Modified Carbon Electrocatalysts. ChemElectroChem, 2018, 5, 1615-1621. | 1.7 | 16 |
| 79 | Microenvironments of Cu catalysts in zero-gap membrane electrode assembly for efficient CO<sub>2</sub> electrolysis to C<sub>2+</sub> products. Journal of Materials Chemistry A, 2022, 10, 10363-10372. | 5.2 | 16 |
| 80 | Water Oxidation by Manganese Oxide Electrocatalytic Films Synthesized by Chemical Solution Deposition Method. Journal of the Electrochemical Society, 2016, 163, F3113-F3118. | 1.3 | 15 |
| 81 | Photocatalytic oxidation activities of TiO2 nanorod arrays: A surface spectroscopic analysis. Applied Catalysis B: Environmental, 2016, 180, 480-486. | 10.8 | 15 |
| 82 | Understanding morphological degradation of Ag nanoparticle during electrochemical CO2 reduction reaction by identical location observation. Electrochimica Acta, 2021, 371, 137795. | 2.6 | 15 |
| 83 | Tandem Architecture of Perovskite and Cu(In,Ga)(S,Se)<sub>2</sub> Created by Solution Processes for Solar Cells. Advanced Optical Materials, 2016, 4, 2102-2108. | 3.6 | 14 |
| 84 | Semi-transparent thin film solar cells by a solution process. Korean Journal of Chemical Engineering, 2016, 33, 880-884. | 1.2 | 14 |
| 85 | Electroactivation-induced IrNi nanoparticles under different pH conditions for neutral water oxidation. Nanoscale, 2020, 12, 14903-14910. | 2.8 | 14 |
| 86 | New strategies for economically feasible CO<sub>2</sub> electroreduction using a porous membrane in zero-gap configuration. Journal of Materials Chemistry A, 2021, 9, 16169-16177. | 5.2 | 14 |
| 87 | Synthesis of Bi<sub>2</sub>WO<sub>6</sub> photoanode on transparent conducting oxide substrate with low onset potential for solar water splitting. RSC Advances, 2014, 4, 24032-24037. | 1.7 | 13 |
| 88 | Fabrication of solution processed 3D nanostructured CuInGaS<sub>2</sub>thin film solar cells. Nanotechnology, 2014, 25, 125401. | 1.3 | 13 |
| 89 | A highly efficient Cu(In,Ga)(S,Se)2 photocathode without a hetero-materials overlayer for solar-hydrogen production. Scientific Reports, 2018, 8, 5182. | 1.6 | 13 |
| 90 | Cocktails of Paste Coatings for Performance Enhancement of CuInGaS<sub>2</sub> Thin-Film Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 888-893. | 4.0 | 12 |

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|---|---|---|---|
| 91 | Data-driven pilot optimization for electrochemical CO mass production. Journal of Materials Chemistry A, 2020, 8, 16943-16950. | 5.2 | 12 |
| 92 | Spontaneous solar water splitting by DSSC/CIGS tandem solar cells. Solar Energy, 2016, 135, 821-826. | 2.9 | 11 |
| 93 | Charge transportation at cascade energy structure interfaces of CuInxGa1-xSeyS2-y/CdS/ZnS for spontaneous water splitting. Electrochimica Acta, 2019, 297, 633-640. | 2.6 | 11 |
| 94 | Discrimination of Chiral Adsorption Configurations: Styrene on Germanium(100). Journal of Physical Chemistry C, 2009, 113, 1426-1432. | 1.5 | 10 |
| 95 | Influence of TiO2 nanotube morphology and TiCl4 treatment on the charge transfer in dye-sensitized solar cells. Applied Physics A: Materials Science and Processing, 2013, 112, 733-737. | 1.1 | 10 |
| 96 | Insight into water oxidation activity enhancement of Ni-based electrocatalysts interacting with modified carbon supports. Electrochimica Acta, 2018, 281, 684-691. | 2.6 | 8 |
| 97 | A simple chemical route for composition graded Cu(In,Ga)S2 thin film solar cells: multi-stage paste coating. RSC Advances, 2015, 5, 103439-103444. | 1.7 | 7 |
| 98 | Calcium carbonate electronic-insulating layers improve the charge collection efficiency of tin oxide photoelectrodes in dye-sensitized solar cells. Electrochimica Acta, 2015, 167, 379-387. | 2.6 | 7 |
| 99 | Facile and Cost Effective Synthesis of Oxide-Derived Silver Catalyst Electrodes via Chemical Solution Deposition for CO2 Electro-Reduction. Topics in Catalysis, 2018, 61, 389-396. | 1.3 | 7 |
| 100 | Experimental demonstration of a ferroelectric FET using paper substrate. IEICE Electronics Express, 2014, 11, 20140447-20140447. | 0.3 | 5 |
| 101 | Radiationâ€Hard and Ultralightweight Polycrystalline Cadmium Telluride Thinâ€Film Solar Cells for Space Applications. Energy Technology, 2016, 4, 1463-1468. | 1.8 | 4 |
| 102 | Electrochemical conversion of CO2 to value-added chemicals over bimetallic Pd-based nanostructures: Recent progress and emerging trends. Environmental Research, 2022, 211, 113116. | 3.7 | 4 |
| 103 | Atomic and electronic structure of styrene on Ge(100). Surface Science, 2011, 605, 1438-1444. | 0.8 | 3 |
| 104 | Charge separation properties of Ta3N5 photoanodes synthesized via a simple metalâ€“organic-precursor decomposition process. Physical Chemistry Chemical Physics, 2018, 20, 2865-2871. | 1.3 | 3 |
| 105 | How do plants see the world? â€“ UV imaging with a TiO2 nanowire array by artificial photosynthesis. Nanoscale, 2018, 10, 8443-8450. | 2.8 | 3 |
| 106 | Investigation of Surface Sulfurization in CuIn<sub>1âˆ’<i>x</i></sub>Ga<sub><i>x</i></sub>S<sub>2âˆ’<i>y</i></sub>Se<sub><i>y</i></sub> Thin Films by Using Kelvin Probe Force Microscopy. ChemPhysChem, 2018, 19, 261-265. | 1.0 | 3 |
| 107 | A Comparative Study of Nanoparticleâ€Inkâ€Based <scp>CIGSSe</scp> Thin Film Solar Cells on Different Back Contact Substrates. Bulletin of the Korean Chemical Society, 2016, 37, 361-365. | 1.0 | 1 |
| 108 | 3-D architecture between indium tin oxide nano-rods and a solution processed CuInGaS2 absorber layer for thin film solar cells. Thin Solid Films, 2017, 636, 506-511. | 0.8 | 1 |

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|---|---|---|---|
| 109 | Vision in plants by artificial photosynthesis. , 2018, , . | | 1 |
| 110 | Microfluidicsâ€Assisted Synthesis of Hierarchical Cu<sub>2</sub>O Nanocrystal as C<sub>2</sub>â€Selective CO<sub>2</sub> Reduction Electrocatalyst (Small Methods 5/2022). Small Methods, 2022, 6, . | 4.6 | 1 |
| 111 | (Invited) Electrochemical CO2 Reduction Reaction to C2 Chemicals with Cu-Based Nanocatalysts. ECS Meeting Abstracts, 2021, MA2021-01, 1282-1282. | 0.0 | 0 |
| 112 | Design of a Monolithic Photoelectrochemical Tandem Cell for Solar Water Splitting with a Dye-sensitized Solar Cell and WO3/BiVO4Photoanode. Rapid Communication in Photoscience, 2015, 4, 82-85. | 0.1 | 0 |
| 113 | Emulation of three-dimensional vision in plants in the red/far-red region by artificial photosynthesis. , 2019, , . | | 0 |
| 114 | Electrocatalyst for CO2 reduction reaction toward stable and practical application. , 0, , . | | 0 |
| 115 | (Keynote) Understanding Selective C-C Coupling Reaction on Cu Based Nanoparticle from Electrochemical CO<sub>2</sub> Reduction Reaction. ECS Meeting Abstracts, 2020, MA2020-02, 3230-3230. | 0.0 | 0 |
| 116 | Development of Stable CO2 Electro-Reduction Catalyst in Real Water Matrix. ECS Meeting Abstracts, 2020, MA2020-02, 3217-3217. | 0.0 | 0 |