

Kazuyuki Iwase

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,092
citations

687363

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610901

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docs citations

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times ranked

1677
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Copper Aluminum Layered Double Hydroxides with Different Compositions and Morphologies as Electrocatalysts for the Carbon Dioxide Reduction Reaction. <i>ChemSusChem</i> , 2022, 15, . | 6.8 | 15 |
| 2 | Activity switching of Sn and In species in Heusler alloys for electrochemical CO ₂ reduction. <i>Chemical Communications</i> , 2022, 58, 4865-4868. | 4.1 | 6 |
| 3 | Are Redox-Active Organic Small Molecules Applicable for High-Voltage (>4V) Lithium-Ion Battery Cathodes?. <i>Advanced Science</i> , 2022, 9, e2200187. | 11.2 | 12 |
| 4 | Macro- and Nano-Porous 3D-Hierarchical Carbon Lattices for Extraordinarily High Capacitance Supercapacitors. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 25 |
| 5 | Iron porphyrin-derived ordered carbonaceous frameworks. <i>Catalysis Today</i> , 2021, 364, 164-171. | 4.4 | 12 |
| 6 | Metal-doped bipyridine linked covalent organic framework films as a platform for photoelectrocatalysts. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11073-11080. | 10.3 | 25 |
| 7 | Effect of Cobalt Speciation and the Graphitization of the Carbon Matrix on the CO ₂ Electroreduction Activity of Co/N-Doped Carbon Materials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15122-15131. | 8.0 | 13 |
| 8 | Direct Printable Proton-Conducting Nanocomposite Inks for All-Quasi-Solid-State Electrochemical Capacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 3651-3659. | 5.1 | 6 |
| 9 | Sn Atoms on Cu Nanoparticles for Suppressing Competitive H ₂ Evolution in CO ₂ Electrolysis. <i>ACS Applied Nano Materials</i> , 2021, 4, 4994-5003. | 5.0 | 16 |
| 10 | Rational Design of Electrocatalysts Comprising Single-Atom-Modified Covalent Organic Frameworks for the N ₂ Reduction Reaction: A First-Principles Study. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10983-10990. | 3.1 | 22 |
| 11 | A photo-curable gel electrolyte ink for 3D-printable quasi-solid-state lithium-ion batteries. <i>Dalton Transactions</i> , 2021, 50, 16504-16508. | 3.3 | 10 |
| 12 | Rational Molecular Design of Electrocatalysts Based on Single-Atom Modified Covalent Organic Frameworks for Efficient Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 1644-1652. | 5.1 | 44 |
| 13 | Glycerol Oxidation Catalyzed by High-valency Ruthenium Species at Electrochemical Interfaces. <i>Chemistry Letters</i> , 2020, 49, 513-516. | 1.3 | 3 |
| 14 | Aqueous Electrochemical Partial Oxidation of Gaseous Ethylbenzene by a Ru-Modified Covalent Triazine Framework. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29376-29382. | 8.0 | 5 |
| 15 | Supercritical hydrothermal synthesis of MoS ₂ nanosheets with controllable layer number and phase structure. <i>Dalton Transactions</i> , 2020, 49, 9377-9384. | 3.3 | 17 |
| 16 | Click™ conjugated porous polymer nanofilm with a large domain size created by a liquid/liquid interfacial protocol. <i>Chemical Communications</i> , 2020, 56, 3677-3680. | 4.1 | 5 |
| 17 | Selective Reduction of Nitrate by a Local Cell Catalyst Composed of Metal-Doped Covalent Triazine Frameworks. <i>ACS Catalysis</i> , 2018, 8, 2693-2698. | 11.2 | 41 |
| 18 | Sulfur-Linked Covalent Triazine Frameworks Doped with Coordinatively Unsaturated Cu(I) as Electrocatalysts for Oxygen Reduction. <i>ChemElectroChem</i> , 2018, 5, 805-810. | 3.4 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Cooperative Electrocatalytic Reduction of Nitrobenzene to Aniline in Aqueous Solution by Copper-modified Covalent Triazine Framework. <i>Chemistry Letters</i> , 2018, 47, 304-307. | 1.3 | 11 |
| 20 | Covalent triazine framework modified with coordinatively-unsaturated Co or Ni atoms for CO ₂ electrochemical reduction. <i>Chemical Science</i> , 2018, 9, 3941-3947. | 7.4 | 164 |
| 21 | Nickel-Nitrogen-Modified Graphene: An Efficient Electrocatalyst for the Reduction of Carbon Dioxide to Carbon Monoxide. <i>Small</i> , 2016, 12, 6083-6089. | 10.0 | 228 |
| 22 | Electrocatalytic Reduction of Nitrate to Nitrous Oxide by a Copper-Modified Covalent Triazine Framework. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15729-15734. | 3.1 | 117 |
| 23 | Copper-Modified Covalent Triazine Frameworks as Non-Noble-Metal Electrocatalysts for Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11068-11072. | 13.8 | 237 |