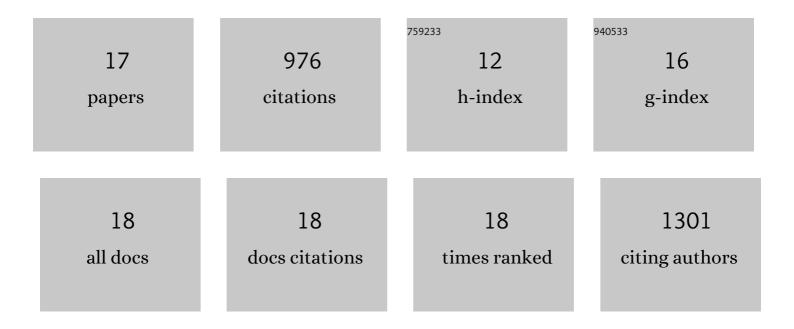
## Giyun Kwon

List of Publications by Year in descending order

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CIVUN KWON

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Recent Progress in Organic Electrodes for Li and Na Rechargeable Batteries. Advanced Materials, 2018,<br>30, e1704682.  | 21.0 | 366       |
| 2  | Multi-redox Molecule for High-Energy Redox Flow Batteries. Joule, 2018, 2, 1771-1782.   | 24.0 | 123       |
| 3  | Exploiting Biological Systems: Toward Eco-Friendly and High-Efficiency Rechargeable Batteries. Joule, 2018, 2, 61-75.   | 24.0 | 96        |
| 4  | Phenoxazine as a high-voltage p-type redox center for organic battery cathode materials: small structural reorganization for faster charging and narrow operating voltage. Energy and Environmental Science, 2020, 13, 4142-4156. | 30.8 | 78        |
| 5  | Charge-transfer complexes for high-power organic rechargeable batteries. Energy Storage Materials, 2019, 20, 462-469.   | 18.0 | 70        |
| 6  | Bio-inspired Molecular Redesign of a Multi-redox Catholyte for High-Energy Non-aqueous Organic<br>Redox Flow Batteries. CheM, 2019, 5, 2642-2656.   | 11.7 | 61        |
| 7  | Biological Redox Mediation in Electron Transport Chain of Bacteria for Oxygen Reduction Reaction<br>Catalysts in Lithium–Oxygen Batteries. Advanced Functional Materials, 2019, 29, 1805623.                                      | 14.9 | 50        |
| 8  | A p–n fusion strategy to design bipolar organic materials for high-energy-density symmetric batteries.<br>Journal of Materials Chemistry A, 2021, 9, 14485-14494.   | 10.3 | 30        |
| 9  | Versatile Redox-Active Organic Materials for Rechargeable Energy Storage. Accounts of Chemical<br>Research, 2021, 54, 4423-4433.  | 15.6 | 27        |
| 10 | Tunable Redox-Active Triazenyl–Carbene Platforms: A New Class of Anolytes for Non-Aqueous Organic<br>Redox Flow Batteries. ACS Applied Materials & Interfaces, 2020, 12, 37338-37345.   | 8.0  | 22        |
| 11 | Biological Nicotinamide Cofactor as a Redoxâ€Active Motif for Reversible Electrochemical Energy<br>Storage. Angewandte Chemie - International Edition, 2019, 58, 16764-16769.   | 13.8 | 19        |
| 12 | Highly persistent triphenylamine-based catholyte for durable organic redox flow batteries. Energy<br>Storage Materials, 2021, 42, 185-192.  | 18.0 | 13        |
| 13 | Pyrrolinium-Substituted Persistent Zwitterionic Ferrocenate Derivative Enabling the Application of Ferrocene Anolyte. ACS Applied Materials & Interfaces, 2021, 13, 46558-46565.  | 8.0  | 11        |
| 14 | Biological Nicotinamide Cofactor as a Redoxâ€Active Motif for Reversible Electrochemical Energy<br>Storage. Angewandte Chemie, 2019, 131, 16920-16925.  | 2.0  | 3         |
| 15 | In operando visualization of redox flow battery in membrane-free microfluidic platform. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .   | 7.1  | 3         |
| 16 | Frontispiz: Biological Nicotinamide Cofactor as a Redoxâ€Active Motif for Reversible Electrochemical<br>Energy Storage. Angewandte Chemie, 2019, 131, .   | 2.0  | 0         |
| 17 | Frontispiece: Biological Nicotinamide Cofactor as a Redoxâ€Active Motif for Reversible Electrochemical<br>Energy Storage. Angewandte Chemie - International Edition, 2019, 58, .  | 13.8 | 0         |