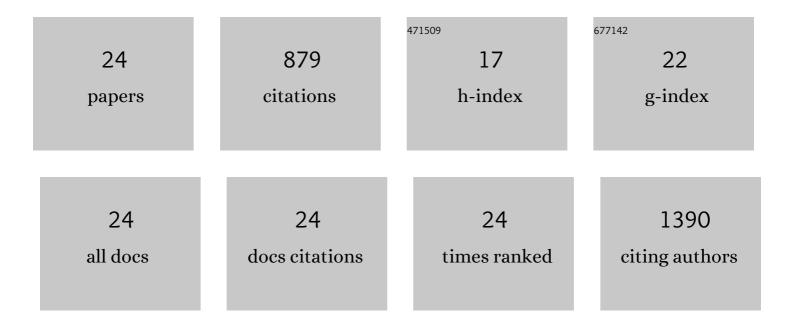
Andinet Ejigu

List of Publications by Year in descending order

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ANDINET FUCU

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Optimization of Electrolytes for High-Performance Aqueous Aluminum-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 25232-25245. | 8.0 | 22 |
| 2 | High temperature supercapacitors using water-in-salt electrolytes: stability above 100 °C. Chemical Communications, 2021, 57, 5294-5297. | 4.1 | 14 |
| 3 | Reversible Electrochemical Energy Storage Based on Zinc-Halide Chemistry. ACS Applied Materials & Interfaces, 2021, 13, 14112-14121. | 8.0 | 18 |
| 4 | Nanoscale Chevrel-Phase Mo ₆ S ₈ Prepared by a Molecular Precursor Approach for Highly Efficient Electrocatalysis of the Hydrogen Evolution Reaction in Acidic Media. ACS Applied Energy Materials, 2021, 4, 13015-13026. | 5.1 | 12 |
| 5 | Understanding the electrochemistry of "water-in-salt―electrolytes: basal plane highly ordered pyrolytic graphite as a model system. Chemical Science, 2020, 11, 6978-6989. | 7.4 | 36 |
| 6 | Electrochemically Exfoliated Graphene Electrode for High-Performance Rechargeable Chloroaluminate and Dual-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 23261-23270. | 8.0 | 40 |
| 7 | Optimisation of electrolytic solvents for simultaneous electrochemical exfoliation and functionalisation of graphene with metal nanostructures. Carbon, 2018, 128, 257-266. | 10.3 | 30 |
| 8 | Electrochemical Exfoliation: On the Role of Transition Metal Salts During Electrochemical Exfoliation of Graphite: Antioxidants or Metal Oxide Decorators for Energy Storage Applications (Adv. Funct. Mater. 48/2018). Advanced Functional Materials, 2018, 28, 1870345. | 14.9 | 0 |
| 9 | On the Role of Transition Metal Salts During Electrochemical Exfoliation of Graphite: Antioxidants or Metal Oxide Decorators for Energy Storage Applications. Advanced Functional Materials, 2018, 28, 1804357. | 14.9 | 32 |
| 10 | A simple electrochemical route to metallic phase trilayer MoS ₂ : evaluation as electrocatalysts and supercapacitors. Journal of Materials Chemistry A, 2017, 5, 11316-11330. | 10.3 | 119 |
| 11 | Single Stage Simultaneous Electrochemical Exfoliation and Functionalization of Graphene. ACS Applied Materials & Interfaces, 2017, 9, 710-721. | 8.0 | 62 |
| 12 | Developing energy efficient lignin biomass processing – towards understanding mediator behaviour in ionic liquids. Faraday Discussions, 2016, 190, 127-145. | 3.2 | 13 |
| 13 | Room temperature ionic liquid electrolytes for redox flow batteries. Electrochemistry Communications, 2015, 54, 55-59. | 4.7 | 49 |
| 14 | Electrocatalysis in Room Temperature Ionic Liquids. , 2015, , 483-506. | | 3 |
| 15 | Synergistic Catalyst–Support Interactions in a Graphene–Mn ₃ O ₄ Electrocatalyst for Vanadium Redox Flow Batteries. ACS Catalysis, 2015, 5, 7122-7130. | 11.2 | 112 |
| 16 | The Formation and Role of Oxide Layers on Pt during Hydrazine Oxidation in Protic Ionic Liquids. ChemElectroChem, 2014, 1, 281-288. | 3.4 | 16 |
| 17 | The Role of Adsorbed Ions during Electrocatalysis in Ionic Liquids. Journal of Physical Chemistry C, 2014, 118, 7414-7422. | 3.1 | 40 |
| 18 | Kinetics and mechanism of oxygen reduction in a protic ionic liquid. Physical Chemistry Chemical Physics, 2013, 15, 7548. | 2.8 | 43 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Electrocatalytic oxidation of methanol and carbon monoxide at platinum in protic ionic liquids. Electrochemistry Communications, 2012, 23, 122-124. | 4.7 | 26 |
| 20 | Hydrogen Oxidation and Oxygen Reduction at Platinum in Protic Ionic Liquids. Journal of Physical Chemistry C, 2012, 116, 18048-18056. | 3.1 | 49 |
| 21 | On the diffusion of ferrocenemethanol in room-temperature ionic liquids: an electrochemical study. Physical Chemistry Chemical Physics, 2011, 13, 10155. | 2.8 | 41 |
| 22 | The 13 Principles of Green Chemistry and Engineering for a Greener Africa. Green Chemistry, 2011, 13, 1059. | 9.0 | 23 |
| 23 | lodide/triiodide electrochemistry in ionic liquids: Effect of viscosity on mass transport, voltammetry and scanning electrochemical microscopy. Electrochimica Acta, 2011, 56, 10313-10320. | 5.2 | 47 |
| 24 | Moringa stenopetala seed oil as a potential feedstock for biodiesel production in Ethiopia. Green Chemistry, 2010, 12, 316. | 9.0 | 32 |