

Jean Marie Vianney Nsanzimana

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,164
citations

758635

12
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

3243
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Chemical and structural origin of lattice oxygen oxidation in Co-Zn oxyhydroxide oxygen evolution electrocatalysts. <i>Nature Energy</i> , 2019, 4, 329-338. | 19.8 | 977 |
| 2 | An Efficient and Earth-Abundant Oxygen-Evolving Electrocatalyst Based on Amorphous Metal Borides. <i>Advanced Energy Materials</i> , 2018, 8, 1701475. | 10.2 | 292 |
| 3 | Highly Efficient Oxygen Reduction Reaction Activity of N-Doped Carbon-Cobalt Boride Heterointerfaces. <i>Advanced Energy Materials</i> , 2021, 11, 2100157. | 10.2 | 190 |
| 4 | Modulation of Single Atomic Co and Fe Sites on Hollow Carbon Nanospheres as Oxygen Electrodes for Rechargeable Zn-Air Batteries. <i>Small Methods</i> , 2021, 5, e2000751. | 4.6 | 178 |
| 5 | Ultrathin Amorphous Iron-Nickel Boride Nanosheets for Highly Efficient Electrocatalytic Oxygen Production. <i>Chemistry - A European Journal</i> , 2018, 24, 18502-18511. | 1.7 | 82 |
| 6 | Tailoring of Metal Boride Morphology via Anion for Efficient Water Oxidation. <i>Advanced Energy Materials</i> , 2019, 9, 1901503. | 10.2 | 79 |
| 7 | Selective Electrochemical Reduction of CO ₂ to Ethylene on Nanopores-Modified Copper Electrodes in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32782-32789. | 4.0 | 75 |
| 8 | Synthesis of amorphous boride nanosheets by the chemical reduction of Prussian blue analogs for efficient water electrolysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23289-23294. | 5.2 | 73 |
| 9 | Facile Synthesis of Amorphous Ternary Metal Borides-Reduced Graphene Oxide Hybrid with Superior Oxygen Evolution Activity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 846-855. | 4.0 | 67 |
| 10 | An Earth-Abundant Tungsten-Nickel Alloy Electrocatalyst for Superior Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2018, 1, 1228-1235. | 2.4 | 57 |
| 11 | Lithiation/Delithiation Synthesis of Few Layer Silicene Nanosheets for Rechargeable Li-O ₂ Batteries. <i>Advanced Materials</i> , 2018, 30, e1705523. | 11.1 | 51 |
| 12 | Surface-Modified Hollow Ternary NiCo ₂ P Catalysts for Efficient Electrochemical Water Splitting and Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39798-39808. | 4.0 | 21 |
| 13 | Using the Thallous Ion Exchange Method to Exchange Tin into High Alumina Zeolites. 1. Crystal Structure of Sn ²⁺ > _{5.3} >Sn ⁴⁺ > _{0.8} >Cl ⁻ > _{1.8} > [Si ¹⁵ > ₁₂ >Al ¹² >] Journal of Physical Chemistry C. 2015, 119, 3244-3252. | | |
| 14 | Moisture-Induced Non-Equilibrium Phase Segregation in Triple Cation Mixed Halide Perovskite Monitored by <i>In Situ</i> Characterization Techniques and Solid-State NMR. <i>Energy and Environmental Materials</i> , 2023, 6, . | 7.3 | 7 |
| 15 | Effect of preparation conditions on the indium species in fully indium exchanged zeolite LTA. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 564-572. | 2.2 | 3 |