# Anders B Laursen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3059379/publications.pdf

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|---|---|---|---|
| 27 papers | 4,725 citations | 304602<br>22 h-index | 526166<br>27 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 8152 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Creating Functional Oxynitrideâ€“Silicon Interfaces and SrNbO<sub>2</sub>N Thin Films for Photoelectrochemical Applications. Journal of Physical Chemistry C, 2022, 126, 5970-5979. | 1.5 | 1 |
| 2 | CO2 electro-reduction on Cu3P: Role of Cu(I) oxidation state and surface facet structure in C1-formate production and H2 selectivity. Electrochimica Acta, 2021, 391, 138889. | 2.6 | 27 |
| 3 | Surface Hydrides on Fe<sub>2</sub>P Electrocatalyst Reduce CO<sub>2</sub> at Low Overpotential: Steering Selectivity to Ethylene Glycol. Journal of the American Chemical Society, 2021, 143, 21275-21285. | 6.6 | 34 |
| 4 | Highly efficient and durable IIIâ€“V semiconductor-catalyst photocathodes <i>via</i> a transparent protection layer. Sustainable Energy and Fuels, 2020, 4, 1437-1442. | 2.5 | 9 |
| 5 | Creating stable interfaces between reactive materials: titanium nitride protects photoabsorberâ€“catalyst interface in water-splitting photocathodes. Journal of Materials Chemistry A, 2019, 7, 2400-2411. | 5.2 | 25 |
| 6 | Climbing the Volcano of Electrocatalytic Activity while Avoiding Catalyst Corrosion: Ni<sub>3</sub>P, a Hydrogen Evolution Electrocatalyst Stable in Both Acid and Alkali. ACS Catalysis, 2018, 8, 4408-4419. | 5.5 | 178 |
| 7 | Availability of elements for heterogeneous catalysis: Predicting the industrial viability of novel catalysts. Chinese Journal of Catalysis, 2018, 39, 16-26. | 6.9 | 11 |
| 8 | Selective CO<sub>2</sub>reduction to C<sub>3</sub>and C<sub>4</sub>oxyhydrocarbons on nickel phosphides at overpotentials as low as 10 mV. Energy and Environmental Science, 2018, 11, 2550-2559. | 15.6 | 165 |
| 9 | Using Electrocatalysts To Find New Uses For Captured CO2. , 2018, , . | | 0 |
| 10 | Nanocrystalline Ni<sub>5</sub>P<sub>4</sub>: a hydrogen evolution electrocatalyst of exceptional efficiency in both alkaline and acidic media. Energy and Environmental Science, 2015, 8, 1027-1034. | 15.6 | 435 |
| 11 | Water Oxidation by the [Co4O4(OAc)4(py)4]+ Cubium is Initiated by OHâ€“ Addition. Journal of the American Chemical Society, 2015, 137, 15460-15468. | 6.6 | 64 |
| 12 | Lightâ€Induced Reduction of Cuprous Oxide in an Environmental Transmission Electron Microscope. ChemCatChem, 2013, 5, 2667-2672. | 1.8 | 25 |
| 13 | MoS2â€"an integrated protective and active layer on n+p-Si for solar H2 evolution. Physical Chemistry Chemical Physics, 2013, 15, 20000. | 1.3 | 89 |
| 14 | Layered Nanojunctions for Hydrogenâ€Evolution Catalysis. Angewandte Chemie - International Edition, 2013, 52, 3621-3625. | 7.2 | 793 |
| 15 | A high-porosity carbon molybdenum sulphide composite with enhanced electrochemical hydrogen evolution and stability. Chemical Communications, 2013, 49, 4965. | 2.2 | 147 |
| 16 | Using TiO<sub>2</sub> as a Conductive Protective Layer for Photocathodic H<sub>2</sub> Evolution. Journal of the American Chemical Society, 2013, 135, 1057-1064. | 6.6 | 426 |
| 17 | A general route for RuO<sub>2</sub>deposition on metal oxides from RuO<sub>4</sub>. Chemical Communications, 2012, 48, 967-969. | 2.2 | 30 |
| 18 | Oxidative trends of TiO2â€"hole trapping at anatase and rutile surfaces. Energy and Environmental Science, 2012, 5, 9866. | 15.6 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Molybdenum sulfidesâ€”efficient and viable materials for electro - and photoelectrocatalytic hydrogen evolution. Energy and Environmental Science, 2012, 5, 5577. | 15.6 | 1,225 |
| 20 | Electrochemical Hydrogen Evolution: Sabatierâ€™s Principle and the Volcano Plot. Journal of Chemical Education, 2012, 89, 1595-1599. | 1.1 | 243 |
| 21 | Highly dispersed supported ruthenium oxide as an aerobic catalyst for acetic acid synthesis. Applied Catalysis A: General, 2012, 433-434, 243-250. | 2.2 | 14 |
| 22 | Hydrogen Production Using a Molybdenum Sulfide Catalyst on a Titaniumâ€Protected n<sup>+</sup>pâ€Silicon Photocathode. Angewandte Chemie - International Edition, 2012, 51, 9128-9131. | 7.2 | 289 |
| 23 | <i>In situ</i>transmission electron microscopy of light-induced photocatalytic reactions. Nanotechnology, 2012, 23, 075705. | 1.3 | 53 |
| 24 | Quenching of TiO2 photo catalysis by silver nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 230, 10-14. | 2.0 | 11 |
| 25 | The Sabatier Principle Illustrated by Catalytic H<sub>2</sub>O<sub>2</sub> Decomposition on Metal Surfaces. Journal of Chemical Education, 2011, 88, 1711-1715. | 1.1 | 41 |
| 26 | Size-Selective Oxidation of Aldehydes with Zeolite Encapsulated Gold Nanoparticles. Topics in Catalysis, 2011, 54, 1026-1033. | 1.3 | 35 |
| 27 | Substrate Sizeâ€Selective Catalysis with Zeoliteâ€Encapsulated Gold Nanoparticles. Angewandte Chemie - International Edition, 2010, 49, 3504-3507. | 7.2 | 160 |