# Ying-Ya Hsu

List of Publications by Year
in descending order



| 14 | 1,751 | 840776 11 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 3830 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hierarchical Ni-Mo-S nanosheets on carbon fiber cloth: A flexible electrode for efficient hydrogen generation in neutral electrolyte. Science Advances, 2015, 1, e1500259. | 10.3 | 427 |
| 2 | Reversible adapting layer produces robust single-crystal electrocatalyst for oxygen evolution. Nature Communications, 2015, 6, 8106. | 12.8 | 377 |
| 3 | Plasmon Inducing Effects for Enhanced Photoelectrochemical Water Splitting: X-ray Absorption Approach to Electronic Structures. ACS Nano, 2012, 6, 7362-7372. | 14.6 | 307 |
| 4 | In Situ Spectroscopic Identification of Î¼-OO Bridging on Spinel Co<sub>3</sub>O<sub>4</sub> Water Oxidation Electrocatalyst. Journal of Physical Chemistry Letters, 2016, 7, 4847-4853. | 4.6 | 136 |
| 5 | Unraveling Geometrical Site Confinement in Highly Efficient Ironâ€Doped Electrocatalysts toward Oxygen Evolution Reaction. Advanced Energy Materials, 2018, 8, 1701686. | 19.5 | 125 |
| 6 | Iridium Oxideâ€Assisted Plasmonâ€Induced Hot Carriers: Improvement on Kinetics and Thermodynamics of Hot Carriers. Advanced Energy Materials, 2016, 6, 1501339. | 19.5 | 111 |
| 7 | Valence- and element-dependent water oxidation behaviors: in situ X-ray diffraction, absorption and electrochemical impedance spectroscopies. Physical Chemistry Chemical Physics, 2017, 19, 8681-8693. | 2.8 | 80 |
| 8 | In Situ Identification of Photo- and Moisture-Dependent Phase Evolution of Perovskite Solar Cells. ACS Energy Letters, 2017, 2, 342-348. | 17.4 | 62 |
| 9 | The synergistic effect of a well-defined Au@Pt coreâ€“shell nanostructure toward photocatalytic hydrogen generation: interface engineering to improve the Schottky barrier and hydrogen-evolved kinetics. Chemical Communications, 2016, 52, 1567-1570. | 4.1 | 52 |
| 10 | Photocatalytic degradation of spill oils on TiO2 nanotube thin films. Marine Pollution Bulletin, 2008, 57, 873-876. | 5.0 | 46 |
| 11 | EXAFS study of thermoelectric BiCuOSe: Effects of Cu vacancies. Solid State Communications, 2015, 206, 12-16. | 1.9 | 13 |
| 12 | Semiconducting BiOCuSe Thermoelectrics and Its Metallic Derivative Bi<sub>2</sub>YO<sub>4</sub>Cu<sub>2</sub>Se<sub>2</sub>. European Journal of Inorganic Chemistry, 2015, 2015, 2574-2578. | 2.0 | 10 |
| 13 | Efficacies of dopants in thermoelectric BiOCuSe. Materials Chemistry and Physics, 2016, 177, 73-78. | 4.0 | 5 |
| 14 | Nanostructures: Iridium Oxideâ€Assisted Plasmonâ€Induced Hot Carriers: Improvement on Kinetics and Thermodynamics of Hot Carriers (Adv. Energy Mater. 8/2016). Advanced Energy Materials, 2016, 6, . | 19.5 | 0 |