

# Ying-Ya Hsu

## List of Publications by Year in descending order

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14  
papers

1,751  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

3830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling Geometrical Site Confinement in Highly Efficient Iron-Doped Electrocatalysts toward Oxygen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018, 8, 1701686.	19.5	125
2	In Situ Identification of Photo- and Moisture-Dependent Phase Evolution of Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2017, 2, 342-348.	17.4	62
3	Valence- and element-dependent water oxidation behaviors: in situ X-ray diffraction, absorption and electrochemical impedance spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8681-8693.	2.8	80
4	Efficacies of dopants in thermoelectric BiOCuSe. <i>Materials Chemistry and Physics</i> , 2016, 177, 73-78.	4.0	5
5	In Situ Spectroscopic Identification of $\frac{1}{4}$ -OO Bridging on Spinel $\text{Co}_3\text{O}_4$ Water Oxidation Electrocatalyst. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4847-4853.	4.6	136
6	Iridium Oxide-Assisted Plasmon-Induced Hot Carriers: Improvement on Kinetics and Thermodynamics of Hot Carriers. <i>Advanced Energy Materials</i> , 2016, 6, 1501339.	19.5	111
7	Nanostructures: Iridium Oxide-Assisted Plasmon-Induced Hot Carriers: Improvement on Kinetics and Thermodynamics of Hot Carriers ( <i>Adv. Energy Mater.</i> 8/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	19.5	0
8	The synergistic effect of a well-defined Au@Pt core-shell nanostructure toward photocatalytic hydrogen generation: interface engineering to improve the Schottky barrier and hydrogen-evolved kinetics. <i>Chemical Communications</i> , 2016, 52, 1567-1570.	4.1	52
9	EXAFS study of thermoelectric BiCuOSe: Effects of Cu vacancies. <i>Solid State Communications</i> , 2015, 206, 12-16.	1.9	13
10	Semiconducting BiOCuSe Thermoelectrics and Its Metallic Derivative $\text{Bi}_2\text{YO}_4\text{Cu}_2\text{Se}_2$ . <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2574-2578.	2.0	10
11	Reversible adapting layer produces robust single-crystal electrocatalyst for oxygen evolution. <i>Nature Communications</i> , 2015, 6, 8106.	12.8	377
12	Hierarchical Ni-Mo-S nanosheets on carbon fiber cloth: A flexible electrode for efficient hydrogen generation in neutral electrolyte. <i>Science Advances</i> , 2015, 1, e1500259.	10.3	427
13	Plasmon Inducing Effects for Enhanced Photoelectrochemical Water Splitting: X-ray Absorption Approach to Electronic Structures. <i>ACS Nano</i> , 2012, 6, 7362-7372.	14.6	307
14	Photocatalytic degradation of spill oils on TiO <sub>2</sub> nanotube thin films. <i>Marine Pollution Bulletin</i> , 2008, 57, 873-876.	5.0	46