

# Andrew Chan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

1,007  
citations

13  
h-index

17  
g-index

17  
ext. papers

1,155  
ext. citations

6.7  
avg, IF

4.19  
L-index

#	Paper	IF	Citations
17	General Synthetic Strategy for Libraries of Supported Multicomponent Metal Nanoparticles. <i>ACS Nano</i> , <b>2018</b> , 12, 4594-4604	16.7	52
16	3-Dimensionally ordered macroporous PEDOT ion-exchange resins prepared by vapor phase polymerization for triggered drug delivery: Fabrication and characterization. <i>Electrochimica Acta</i> , <b>2018</b> , 269, 560-570	6.7	13
15	On the mechanism of sodium migration in transition aluminas with calcination. <i>Acta Materialia</i> , <b>2018</b> , 153, 226-234	8.4	3
14	Highly reactive anatase nanorod photocatalysts synthesized by calcination of hydrogen titanate nanotubes: Effect of calcination conditions on photocatalytic performance for aqueous dye degradation and H <sub>2</sub> production in alcohol-water mixtures. <i>Applied Catalysis A: General</i> , <b>2018</b> , 565, 98-118	5.1	17
13	Achieving Color and Function with Structure: Optical and Catalytic Support Properties of ZrO Inverse Opal Thin Films. <i>ACS Omega</i> , <b>2018</b> , 3, 9658-9674	3.9	15
12	Probing hydrogen bonding interactions and impurity intercalation in gibbsite using experimental and theoretical XANES spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 24033-24044	3.6	3
11	Performance comparison of Ni/TiO <sub>2</sub> and Au/TiO <sub>2</sub> photocatalysts for H <sub>2</sub> production in different alcohol-water mixtures. <i>Journal of Catalysis</i> , <b>2018</b> , 367, 27-42	7.3	71
10	Catalytically Active Bimetallic Nanoparticles Supported on Porous Carbon Capsules Derived From Metal-Organic Framework Composites. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11872-81	16.4	185
9	Novel Au/TiO <sub>2</sub> photocatalysts for hydrogen production in alcohol/water mixtures based on hydrogen titanate nanotube precursors. <i>Journal of Catalysis</i> , <b>2015</b> , 330, 238-254	7.3	69
8	Effect of TiO <sub>2</sub> polymorph and alcohol sacrificial agent on the activity of Au/TiO <sub>2</sub> photocatalysts for H <sub>2</sub> production in alcohol/water mixtures. <i>Journal of Catalysis</i> , <b>2015</b> , 329, 499-513	7.3	114
7	The roles of metal co-catalysts and reaction media in photocatalytic hydrogen production: Performance evaluation of M/TiO <sub>2</sub> photocatalysts (M = Pd, Pt, Au) in different alcohol/water mixtures. <i>Journal of Catalysis</i> , <b>2015</b> , 329, 355-367	7.3	230
6	Structural and optical properties of perovskite-type LaTiO <sub>2</sub> N synthesized using urea or thiourea as co-nitrating agents. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 3311-3317	6	9
5	Ni/TiO <sub>2</sub> : A promising low-cost photocatalytic system for solar H <sub>2</sub> production from ethanol/water mixtures. <i>Journal of Catalysis</i> , <b>2015</b> , 326, 43-53	7.3	131
4	Structural, Optical, and Catalytic Support Properties of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Inverse Opals. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 6647-6659	3.8	30
3	Effect of the TiO <sub>2</sub> Crystallite Size, TiO <sub>2</sub> Polymorph and Test Conditions on the Photo-Oxidation Rate of Aqueous Methylene Blue. <i>Topics in Catalysis</i> , <b>2015</b> , 58, 85-102	2.3	23
2	A nanostructural basis for gloss of avian eggshells. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12,	4.1	38
1	Photoluminescence Properties of (Ba <sub>1-(x+y)</sub> Sr <sub>x</sub> Eu <sub>y</sub> ) <sub>2</sub> Si <sub>6</sub> O <sub>12</sub> N <sub>2</sub> Phosphors for White LED Applications. <i>Journal of Nano Research</i> , <b>2015</b> , 36, 1-7	1	4

