

## List of Publications by Citations

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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.

15  
papers

1,856  
citations

13  
h-index

15  
g-index

15  
ext. papers

2,279  
ext. citations

12.6  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
15	Selective hydrogenation of 1,3-butadiene on platinum-copper alloys at the single-atom limit. <i>Nature Communications</i> , <b>2015</b> , 6, 8550	17.4	369
14	Pt/Cu single-atom alloys as coke-resistant catalysts for efficient C-H activation. <i>Nature Chemistry</i> , <b>2018</b> , 10, 325-332	17.6	308
13	A common single-site Pt(II)-O(OH) <sub>x</sub> species stabilized by sodium on "active" and "inert" supports catalyzes the water-gas shift reaction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3470-3	16.4	280
12	Tackling CO Poisoning with Single-Atom Alloy Catalysts. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6396-9	16.4	272
11	Surpassing the single-atom catalytic activity limit through paired Pt-O-Pt ensemble built from isolated Pt atoms. <i>Nature Communications</i> , <b>2019</b> , 10, 3808	17.4	120
10	Selective Formic Acid Dehydrogenation on Pt-Cu Single-Atom Alloys. <i>ACS Catalysis</i> , <b>2017</b> , 7, 413-420	13.1	108
9	Selective non-oxidative dehydrogenation of ethanol to acetaldehyde and hydrogen on highly dilute NiCu alloys. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 205, 541-550	21.8	91
8	Palladium-gold single atom alloy catalysts for liquid phase selective hydrogenation of 1-hexyne. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 4276-4284	5.5	77
7	Water co-catalyzed selective dehydrogenation of methanol to formaldehyde and hydrogen. <i>Surface Science</i> , <b>2016</b> , 650, 121-129	1.8	60
6	NiAu Single Atom Alloys for the Non-oxidative Dehydrogenation of Ethanol to Acetaldehyde and Hydrogen. <i>Topics in Catalysis</i> , <b>2018</b> , 61, 475-486	2.3	50
5	Single-atom gold oxo-clusters prepared in alkaline solutions catalyse the heterogeneous methanol self-coupling reactions. <i>Nature Chemistry</i> , <b>2019</b> , 11, 1098-1105	17.6	44
4	High-loading single Pt atom sites [Pt-O(OH)] catalyze the CO PROX reaction with high activity and selectivity at mild conditions. <i>Science Advances</i> , <b>2020</b> , 6, eaba3809	14.3	35
3	Integrated Catalysis-Surface Science-Theory Approach to Understand Selectivity in the Hydrogenation of 1-Hexyne to 1-Hexene on PdAu Single-Atom Alloy Catalysts. <i>ACS Catalysis</i> , <b>2019</b> , 9, 8757-8765	13.1	34
2	Mechanistic and Electronic Insights into a Working NiAu Single-Atom Alloy Ethanol Dehydrogenation Catalyst. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 21567-21579	16.4	5
1	PdCu Single Atom Alloys for the Selective Oxidation of Methanol to Methyl Formate at Low Temperatures. <i>Topics in Catalysis</i> , <b>2020</b> , 63, 618-627	2.3	3