

# Rui Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1018399/publications.pdf>

Version: 2024-02-01

6  
papers

323  
citations

1684188

5  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

599  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Alloy tetrahedral Pd-Pt catalysts: enhancing significantly the catalytic activity by synergy effect of high-index facets and electronic structure. <i>Chemical Science</i> , 2012, 3, 1157.                                       | 7.4  | 152       |
| 2 | Rational Design and Synthesis of Low-Temperature Fuel Cell Electrocatalysts. <i>Electrochemical Energy Reviews</i> , 2018, 1, 54-83.  | 25.5 | 87        |
| 3 | Two-Dimensional Metal-Organic Framework Nanosheets: Synthesis and Applications in Electrocatalysis and Photocatalysis. <i>ChemSusChem</i> , 2022, 15, .   | 6.8  | 33        |
| 4 | PdPt concave nanocubes directly electrodeposited on carbon paper as high active and durable catalysts for formic acid and ethanol oxidation. <i>Electrochimica Acta</i> , 2020, 354, 136654.                                      | 5.2  | 31        |
| 5 | Surface Structure Effects of High-Index Faceted Pd Nanocrystals Decorated by Au Submonolayer in Enhancing the Catalytic Activity for Ethanol Oxidation Reaction. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23554-23562. | 3.1  | 16        |
| 6 | Controlled Synthesis of High-index Faceted Pt nanocatalysts Directly on Carbon Paper for Methanol Electrooxidation. <i>Electrocatalysis</i> , 2022, 13, 747-758.  | 3.0  | 3         |