

# Sambhaji M Pawar

## List of Publications by Year in descending order

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24  
papers

1,527  
citations

430874

18  
h-index

642732

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24  
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24  
docs citations

24  
times ranked

1941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt Iron Hydroxide as a Precious Metal-Free Bifunctional Electrocatalyst for Efficient Overall Water Splitting. <i>Small</i> , 2018, 14, 1702568.	10.0	190
2	Bifunctional 2D Electrocatalysts of Transition Metal Hydroxide Nanosheet Arrays for Water Splitting and Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10035-10043.	6.7	184
3	Self-assembled two-dimensional copper oxide nanosheet bundles as an efficient oxygen evolution reaction (OER) electrocatalyst for water splitting applications. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12747-12751.	10.3	170
4	Multi-functional reactively-sputtered copper oxide electrodes for supercapacitor and electro-catalyst in direct methanol fuel cell applications. <i>Scientific Reports</i> , 2016, 6, 21310.	3.3	127
5	Hierarchical Mesoporous 3D Flower-like CuCo <sub>2</sub> O <sub>4</sub> /NF for High-Performance Electrochemical Energy Storage. <i>Scientific Reports</i> , 2016, 6, 31120.	3.3	125
6	Nanoporous CuCo <sub>2</sub> O <sub>4</sub> nanosheets as a highly efficient bifunctional electrode for supercapacitors and water oxidation catalysis. <i>Applied Surface Science</i> , 2019, 470, 360-367.	6.1	104
7	Self-Assembled Nanostructured CuCo <sub>2</sub> O <sub>4</sub> for Electrochemical Energy Storage and the Oxygen Evolution Reaction via Morphology Engineering. <i>Small</i> , 2018, 14, e1800742.	10.0	100
8	Trifunctional layered electrodeposited nickel iron hydroxide electrocatalyst with enhanced performance towards the oxidation of water, urea and hydrazine. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 10-17.	9.4	74
9	Enhanced water splitting performance of biomass activated carbon-anchored WO <sub>3</sub> nanoflakes. <i>Applied Surface Science</i> , 2020, 508, 145127.	6.1	55
10	Effect of Electronegativity on Bipolar Resistive Switching in a WO <sub>3</sub> -Based Asymmetric Capacitor Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 9499-9505.	8.0	53
11	Cost-effective and efficient water and urea oxidation catalysis using nickel-iron oxyhydroxide nanosheets synthesized by an ultrafast method. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 760-769.	9.4	51
12	Fabrication of FeO@CuCo <sub>2</sub> S <sub>4</sub> multifunctional electrode for ultrahigh-capacity supercapacitors and efficient oxygen evolution reaction. <i>International Journal of Energy Research</i> , 2020, 44, 1798-1811.	4.5	45
13	Towards highly efficient and low-cost oxygen evolution reaction electrocatalysts: An effective method of electronic waste management by utilizing waste Cu cable wires. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 43-49.	9.4	41
14	A Morphologically Engineered Robust Bifunctional CuCo <sub>2</sub> O <sub>4</sub> Nanosheet Catalyst for Highly Efficient Overall Water Splitting. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901515.	3.7	38
15	NiFeCo oxide as an efficient and sustainable catalyst for the oxygen evolution reaction. <i>International Journal of Energy Research</i> , 2020, 44, 1789-1797.	4.5	36
16	In Situ Fabrication of Nickel-Iron Oxalate Catalysts for Electrochemical Water Oxidation at High Current Densities. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52620-52628.	8.0	36
17	Two-Dimensional Layered Hydroxide Nanoporous Nanohybrids Pillared with Zero-Dimensional Polyoxovanadate Nanoclusters for Enhanced Water Oxidation Catalysis. <i>Small</i> , 2018, 14, e1703481.	10.0	33
18	Electrosynthesis of copper phosphide thin films for efficient water oxidation. <i>Materials Letters</i> , 2019, 241, 243-247.	2.6	33

#	ARTICLE	IF	CITATIONS
19	Synthesis of nickel hydroxide/reduced graphene oxide composite thin films for water splitting application. International Journal of Energy Research, 2020, 44, 10908-10916.	4.5	18
20	Oxygen Evolution Reaction: Self-Assembled Nanostructured CuCo <sub>2</sub> O <sub>4</sub> for Electrochemical Energy Storage and the Oxygen Evolution Reaction via Morphology Engineering (Small 28/2018). Small, 2018, 14, 1870132.	10.0	6
21	Dataset on electro-optically tunable smart-supercapacitors based on oxygen-excess nanograin tungsten oxide thin film. Data in Brief, 2017, 14, 453-457.	1.0	3
22	1D iron cobaltite electrode for efficient electrochemical water oxidation. Materials Letters, 2022, 312, 131663.	2.6	3
23	Water Splitting: A Morphologically Engineered Robust Bifunctional CuCo <sub>2</sub> O <sub>4</sub> Nanosheet Catalyst for Highly Efficient Overall Water Splitting (Adv. Mater. Interfaces 2/2020). Advanced Materials Interfaces, 2020, 7, 2070011.	3.7	2
24	Nanocluster Intercalation: Two-Dimensional Layered Hydroxide Nanoporous Nanohybrids Pillared with Zero-Dimensional Polyoxovanadate Nanoclusters for Enhanced Water Oxidation Catalysis (Small 49/2018). Small, 2018, 14, 1870235.	10.0	0