

# Siddesh Umapathi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1649543/publications.pdf>

Version: 2024-02-01

8  
papers

340  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Textured NiSe <sub>2</sub> Film: Bifunctional Electrocatalyst for Full Water Splitting at Remarkably Low Overpotential with High Energy Efficiency. <i>Scientific Reports</i> , 2017, 7, 2401.	3.3	104
2	Facile synthesis of Ni <sub>3</sub> B/rGO nanocomposite as an efficient electrocatalyst for the oxygen evolution reaction in alkaline media. <i>Electrochemistry Communications</i> , 2018, 86, 121-125.	4.7	62
3	Polymer coated gold-ferric oxide superparamagnetic nanoparticles for theranostic applications. <i>Journal of Nanobiotechnology</i> , 2018, 16, 80.	9.1	50
4	Cobalt Telluride: A Highly Efficient Trifunctional Electrocatalyst for Water Splitting and Oxygen Reduction. <i>ACS Applied Energy Materials</i> , 2021, 4, 8158-8174.	5.1	36
5	FeNi <sub>2</sub> Se <sub>4</sub> –Reduced Graphene Oxide Nanocomposite: Enhancing Bifunctional Electrocatalytic Activity for Oxygen Evolution and Reduction through Synergistic Effects. <i>Advanced Sustainable Systems</i> , 2017, 1, 1700086.	5.3	35
6	Electrochemical sensor based on CuSe for determination of dopamine. <i>Mikrochimica Acta</i> , 2020, 187, 440.	5.0	34
7	Nanostructured copper selenide as an ultrasensitive and selective non-enzymatic glucose sensor. <i>Materials Advances</i> , 2021, 2, 927-932.	5.4	18
8	The 2017 F. M. Becket Summer Research Fellowship – Summary Report: FeNi <sub>2</sub> Se <sub>4</sub> -(Black)TiO <sub>2</sub> Nanocomposite: A Bifunctional Catalyst for Photoelectrocatalytic Water Splitting. <i>Electrochemical Society Interface</i> , 2017, 26, 94-95.	0.4	1