

# Santosh Kumar Bikkarolla

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

537  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1127  
citing authors

#	ARTICLE	IF	CITATIONS
1	CuCo <sub>2</sub> O <sub>4</sub> nanoparticles on nitrogenated graphene as highly efficient oxygen evolution catalyst. <i>Journal of Power Sources</i> , 2015, 281, 243-251.	7.8	243
2	A three-dimensional Mn <sub>3</sub> O <sub>4</sub> network supported on a nitrogenated graphene electrocatalyst for efficient oxygen reduction reaction in alkaline media. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14493-14501.	10.3	120
3	Oxygen reduction reaction by electrochemically reduced graphene oxide. <i>Faraday Discussions</i> , 2014, 173, 415-428.	3.2	77
4	Chitosan/Nitrogen Doped Reduced Graphene Oxide Modified Biosensor for Impedimetric Detection of microRNA. <i>Electroanalysis</i> , 2018, 30, 551-560.	2.9	27
5	Growth, structural and plasma illumination properties of nanocrystalline diamond-decorated graphene nanoflakes. <i>RSC Advances</i> , 2016, 6, 63178-63184.	3.6	19
6	Synthesis of N-doped and non-doped partially oxidised graphene membranes supported over ceramic materials. <i>Journal of Materials Science</i> , 2016, 51, 8346-8360.	3.7	13
7	A lateral flow immunoassay with self-sufficient microfluidic system for enhanced detection of thyroid-stimulating hormone. <i>AIP Advances</i> , 2020, 10, .	1.3	10
8	Printed pH Sensors for Textile-Based Wearables: A Conceptual and Experimental Study on Materials, Deposition Technology, and Sensing Principles. <i>Advanced Engineering Materials</i> , 2022, 24, 2101087.	3.5	10
9	High-Sensitive Detection and Quantitative Analysis of Thyroid-Stimulating Hormone Using Gold-Nanoshell-Based Lateral Flow Immunoassay Device. <i>Biosensors</i> , 2022, 12, 182.	4.7	8
10	Applications, composites, and devices: general discussion. <i>Faraday Discussions</i> , 2014, 173, 429-443.	3.2	5
11	Laser-Patternable Graphene Field Emitters for Plasma Displays. <i>Nanomaterials</i> , 2019, 9, 1493.	4.1	5
12	Functionalisation, separation and solvation: general discussion. <i>Faraday Discussions</i> , 2014, 173, 337-349.	3.2	0