

Rajan Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/698357/publications.pdf>

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9
papers

1,201
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

2468
citing authors

#	ARTICLE	IF	CITATIONS
1	A wearable chemical-electrophysiological hybrid biosensing system for real-time health and fitness monitoring. <i>Nature Communications</i> , 2016, 7, 11650.	12.8	639
2	Smart bandage with wireless connectivity for uric acid biosensing as an indicator of wound status. <i>Electrochemistry Communications</i> , 2015, 56, 6-10.	4.7	244
3	All-Printed, Stretchable Zn-Ag ₂ O Rechargeable Battery via Hyperelastic Binder for Self-Powering Wearable Electronics. <i>Advanced Energy Materials</i> , 2017, 7, 1602096.	19.5	212
4	Deposition of ZnO on bismuth species towards a rechargeable Zn-based aqueous battery. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26376-26382.	2.8	46
5	Scaling Printable Zn-Ag ₂ O Batteries for Integrated Electronics. <i>Advanced Energy Materials</i> , 2019, 9, 1803645.	19.5	36
6	Self-propelled screen-printable catalytic swimmers. <i>RSC Advances</i> , 2015, 5, 78986-78993.	3.6	16
7	Experimental investigation of heat transfer in a triple tube heat exchanger with coiled spring inserts. <i>Heat Transfer</i> , 2021, 50, 4552-4574.	3.0	4
8	Experimental analysis to study the effect of perforated louvered strip-coiled spring insert on heat transfer performance in a double pipe heat exchanger. <i>Heat Transfer</i> , 2022, 51, 3035-3056.	3.0	4
9	Numerical Simulation of a Coke Oven Using Decoupling Techniques. <i>Transactions of the Indian Institute of Metals</i> , 2020, 73, 1709-1714.	1.5	0