

Amit Tewari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

328
citations

8
h-index

15
g-index

15
ext. papers

389
ext. citations

4.8
avg, IF

3.5
L-index

#	Paper	IF	Citations
14	Single-Molecule Bioelectronic Label-Free Assay of both Protein and Genomic Markers of Pancreatic Mucinous Cysts In Whole Blood Serum. <i>Advanced Electronic Materials</i> , 2021 , 7, 2100304	6.4	9
13	Printed, cost-effective and stable poly(3-hexylthiophene) electrolyte-gated field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 15312-15321	7.1	20
12	Comprehensive study of high pressure annealing on the ferroelectric properties of HfZrO thin films. <i>Nanotechnology</i> , 2019 , 30, 505204	3.4	9
11	Remarkable wettability of highly dispersive rGO ink on multiple substrates independent of deposition techniques. <i>FlatChem</i> , 2019 , 16, 100110	5.1	2
10	Influence of High-Pressure Annealing on Memory Properties of Hf _{0.5} Zr _{0.5} O ₂ Based 1T-FeRAM. <i>IEEE Electron Device Letters</i> , 2019 , 40, 1076-1079	4.4	7
9	Low Cost Foam Based Vibration Sensor for Condition Based Monitoring. <i>Springer Proceedings in Physics</i> , 2019 , 901-904	0.2	
8	Highly Exfoliated MWNT-rGO Ink-Wrapped Polyurethane Foam for Piezoresistive Pressure Sensor Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5185-5195	9.5	141
7	Rapid dip-dry MWNT-rGO ink wrapped polyester elastic band (PEB) for piezoresistive strain sensor applications. <i>Applied Physics Letters</i> , 2018 , 113, 084101	3.4	4
6	Graphene-MWNTs composite coatings with enhanced electrical conductivity. <i>FlatChem</i> , 2017 , 4, 33-41	5.1	12
5	An efficient way to achieve high ionic conductivity and electrochemical stability of safer nonaflate anion-based ionic liquid gel polymer electrolytes (ILGPEs) for rechargeable lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017 , 21, 1145-1155	2.6	29
4	Low-Cost Vibration Sensor for Condition-Based Monitoring Manufactured From Polyurethane Foam 2017 , 1, 1-4		8
3	Highly elastic polymer substrates with tunable mechanical properties for stretchable electronic applications. <i>RSC Advances</i> , 2016 , 6, 107793-107799	3.7	8
2	Electrochemical and cycling performances of novel nonafluorobutanesulfonate (nonaflate) ionic liquid based ternary gel polymer electrolyte membranes for rechargeable lithium ion batteries. <i>Journal of Membrane Science</i> , 2016 , 514, 350-357	9.6	70
1	High-mobility and low-operating voltage organic thin film transistor with epoxy based siloxane binder as the gate dielectric. <i>Applied Physics Letters</i> , 2015 , 107, 103302	3.4	9