

Dhayalan Shakthivel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/226819/dhayalan-shakthivel-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

17
papers

414
citations

11
h-index

20
g-index

29
ext. papers

685
ext. citations

7.3
avg, IF

4.43
L-index

#	Paper	IF	Citations
17	Glycine-Chitosan-Based Flexible Biodegradable Piezoelectric Pressure Sensor. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9008-9016	9.5	107
16	Large-Area Self-Assembly of Silica Microspheres/Nanospheres by Temperature-Assisted Dip-Coating. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3058-3068	9.5	46
15	High-performance printed electronics based on inorganic semiconducting nano to chip scale structures. <i>Nano Convergence</i> , 2020 , 7, 33	9.2	34
14	Flexible Printed Reference Electrodes for Electrochemical Applications. <i>Advanced Materials Technologies</i> , 2018 , 3, 1800252	6.8	34
13	Metal Coated Conductive Fabrics with Graphite Electrodes and Biocompatible Gel Electrolyte for Wearable Supercapacitors. <i>Advanced Materials Technologies</i> , 2020 , 5, 1901107	6.8	32
12	Vapor-liquid-solid growth of Si nanowires: A kinetic analysis. <i>Journal of Applied Physics</i> , 2012 , 112, 024317.5	7.5	30
11	Heterogeneous integration of contact-printed semiconductor nanowires for high-performance devices on large areas. <i>Microsystems and Nanoengineering</i> , 2018 , 4, 22	7.7	25
10	Temperature Compensated Tactile Sensing Using MOSFET With P(VDF-TrFE)/BaTiO ₃ Capacitor as Extended Gate. <i>IEEE Sensors Journal</i> , 2019 , 19, 435-442	4	20
9	Nanoribbon-Based Flexible High-Performance Transistors Fabricated at Room Temperature. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901023	6.4	18
8	Direct roll transfer printed silicon nanoribbon arrays based high-performance flexible electronics. <i>Npj Flexible Electronics</i> , 2021 , 5,	10.7	17
7	Smart Bandage with Inductor-Capacitor Resonant Tank Based Printed Wireless Pressure Sensor on Electrospun Poly- L -Lactide Nanofibers. <i>Advanced Electronic Materials</i> , 2101348	6.4	10
6	1D Semiconducting Nanostructures for Flexible and Large-Area Electronics: Growth Mechanisms and Suitability 2019 ,		9
5	Upper limb prosthetic control using toe gesture sensors 2015 ,		8
4	Si nanowire growth on sapphire: Classical incubation, reverse reaction, and steady state supersaturation. <i>Journal of Applied Physics</i> , 2015 , 117, 164302	2.5	3
3	ZnO based Screen Printed Aqueous Ammonia Sensor for Water Quality Monitoring 2019 ,		2
2	Kirigami and Mogul-Patterned Ultra-Stretchable High-Performance ZnO Nanowires-Based Photodetector. <i>Advanced Materials Technologies</i> , 2100804	6.8	2
1	In Tandem Contact-Transfer Printing for High-Performance Transient Electronics. <i>Advanced Electronic Materials</i> , 2200170	6.4	2

