

Avinash Kothuru

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

250
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradable microneedles fabricated with carbohydrates and proteins: Revolutionary approach for transdermal drug delivery. International Journal of Biological Macromolecules, 2021, 170, 602-621.	7.5	67
2	Laser-Induced Flexible Electronics (LIFE) for Resistive, Capacitive and Electrochemical Sensing Applications. IEEE Sensors Journal, 2020, 20, 7392-7399.	4.7	49
3	PDMS-Based Microfluidic Glucose Biofuel Cell Integrated With Optimized Laser-Induced Flexible Graphene Bioelectrodes. IEEE Transactions on Electron Devices, 2020, 67, 1832-1838.	3.0	44
4	Laser-Induced Graphene Printed Wearable Flexible Antenna-Based Strain Sensor for Wireless Human Motion Monitoring. IEEE Transactions on Electron Devices, 2021, 68, 3189-3194.	3.0	44
5	Laser induced graphene on phenolic resin and alcohol composite sheet for flexible electronics applications. Flexible and Printed Electronics, 2020, 5, 042001.	2.7	15
6	Electromicrofluidic Device on Multilayered Laser-Induced Polyamide Substrate for Diverse Electrochemical Applications. IEEE Transactions on Electron Devices, 2020, 67, 5097-5103.	3.0	9
7	Broadband terahertz characterization of graphene oxide films fabricated on flexible substrates. Optical Materials, 2022, 125, 112045.	3.6	6
8	Flexible Paper and Cloth Substrates With Conductive Laser Induced Graphene Traces for Electroanalytical Sensing, Energy Harvesting and Supercapacitor Applications. IEEE Sensors Journal, 2023, 23, 24078-24085.	4.7	6
9	Leveraging 3-D Printer With 2.8-W Blue Laser Diode to Form Laser-Induced Graphene for Microfluidic Fuel Cell and Electrochemical Sensor. IEEE Transactions on Electron Devices, 2022, 69, 1333-1340.	3.0	4
10	Laser-induced graphene-based miniaturized, flexible, non-volatile resistive switching memory devices. Journal of Materials Research, 2022, 37, 3976-3987.	2.6	4
11	Electronic Nasal Pod: A 3D Printed Device to Filter and Electrochemically Detect pollutants. , 2020, , .		1
12	Flexible Touch Pad on Paper and Cloth by Blue Diode Ablated Laser Induced Graphene. , 2021, , .		1
13	Fineline circuits realization with liquid photoresist and DMD-based photolithographic technique for space electronics applications. Journal of Micro-nanopatterning, Materials, and Metrology, 2022, 21, .	0.8	0