

List of Publications by Year in descending order

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12
papers

128
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA multi-bit non-volatile memory and bit-shifting operations using addressable electrode arrays and electric field-induced hybridization. <i>Nature Communications</i> , 2018, 9, 281.	12.8	25
2	Device for dielectrophoretic separation and collection of nanoparticles and DNA under high conductance conditions. <i>Electrophoresis</i> , 2015, 36, 1107-1114.	2.4	23
3	An Implantable Transparent Conductive Film with Water Resistance and Ultrabendability for Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42302-42312.	8.0	20
4	A Programmable DNA Double-Write Material: Synergy of Photolithography and Self-Assembly Nanofabrication. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22-28.	8.0	17
5	An Electric Field Assembler System for Micro-Nanofabrication of Energy Storage Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9287-9290.	0.9	9
6	Macro-aligned carbon Nanotube-Polymer matrix by dielectrophoresis and transferring process. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4550-4557.	5.8	8
7	Elastic CNT nanocomposites for Joule heating and tactic sensing devices. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 1874-1882.	2.6	7
8	A programmable macroscale electrical field self-assembly array device for diverse thin film applications. <i>Journal of Materials Research and Technology</i> , 2020, 9, 8808-8819.	5.8	5
9	The poly-thymine based DNA photolithography onto electrostatic coupling substrates. <i>Materials Science and Engineering C</i> , 2020, 111, 110795.	7.3	5
10	A simple transparent electrode fabrication method by filling in Ag composites into scratch gap. <i>Microelectronic Engineering</i> , 2020, 228, 111331.	2.4	3
11	Dielectrophoretic Trapping for Nanoparticles, High-Molecule-Weight DNA, and SYBR Gold Using Polyimide-Based Printed Circuit Board. <i>IEEE Sensors Journal</i> , 2021, 21, 18451-18458.	4.7	3
12	Programmable nanoparticle patterning by droplet electrophoretic deposition. <i>Journal of Materials Research and Technology</i> , 2021, 14, 3150-3160.	5.8	3