List of Publications by Year in descending order

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