

# Shiju E

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10157533/publications.pdf>

Version: 2024-02-01

15  
papers

398  
citations

1163117

8  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible PVDF/CNTs/Ni@CNTs composite films possessing excellent electromagnetic interference shielding and mechanical properties under heat treatment. Carbon, 2019, 155, 34-43.	10.3	99
2	Quick Heat Dissipation in Absorption-Dominated Microwave Shielding Properties of Flexible Poly(vinylidene fluoride)/Carbon Nanotube/Co Composite Films with Anisotropy-Shaped Co (Flowers) Tj ETQq0 0 0sgBT /Overk 10 Tf	8.6	10
3	Anisotropic cellulose nanofibril composite sponges for electromagnetic interference shielding with low reflection loss. Carbohydrate Polymers, 2022, 276, 118799.	10.2	68
4	Stretchable polyurethane composite foam triboelectric nanogenerator with tunable microwave absorption properties at elevated temperature. Nano Energy, 2021, 89, 106397.	16.0	37
5	A string-driven rotor for efficient energy harvesting from ultra-low frequency excitations. Applied Physics Letters, 2019, 115, .	3.3	34
6	Viscoelastic and Magnetically Aligned Flaky Fe-Based Magnetorheological Elastomer Film for Wide-Bandwidth Electromagnetic Wave Absorption. Industrial & Engineering Chemistry Research, 2020, 59, 3425-3437.	3.7	26
7	Research on the thermo-elastic deformation and fracture mechanism of the slipper retainer in the axial piston pumps and motors. Engineering Failure Analysis, 2019, 100, 259-272.	4.0	12
8	High-Performance Dielectric Elastomer Nanogenerator for Efficient Energy Harvesting and Sensing via Alternative Current Method. Advanced Science, 2022, 9, e2201098.	11.2	11
9	Highly enhanced joint strength of direct-injection-moulded polyphenylene sulphide-magnesium composite by PEO coated interface. Surface and Coatings Technology, 2020, 404, 126565.	4.8	8
10	Suspended particle motion close to the surface of rotating cylindrical filtering membrane. Physics of Fluids, 2019, 31, .	4.0	7
11	Dielectric elastomer generator with piezoelectric offset. AIP Advances, 2020, 10, .	1.3	2
12	245 GHz subharmonic receiver with on-chip antenna for gas spectroscopy application. Journal of Semiconductors, 2018, 39, 125001.	3.7	1
13	Experimental research on strain characteristics of electroactive acrylic elastomer. , 2010, , .		0
14	Study on Actuator and Generator Application of Electroactive Polymers. Communications in Computer and Information Science, 2011, , 398-403.	0.5	0
15	A two-element 24 GHz planar end-fire dipole antenna array. , 2021, , .		0