Kaushik Parida

List of Publications by Year in Descending Order

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

33 papers	2,498 citations	23 h-index	37 g-index
37 ext. papers	3,093 ext. citations	13.4 avg, IF	5.68 L-index

#	Paper	IF	Citations
33	Boosting sluggish photocatalytic hydrogen evolution through piezo-stimulated polarization: a critical review.. *Materials Horizons*, **2022**,	14.4	2
32	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
31	Emerging Thermal Technology Enabled Augmented Reality. *Advanced Functional Materials*, **2021**, 31, 2007952	15.6	13
30	All 3D-printed stretchable piezoelectric nanogenerator with non-protruding kirigami structure. *Nano Energy*, **2020**, 72, 104676	17.1	76
29	Ionic Conductors: Water-Processable, Stretchable, Self-Healable, Thermally Stable, and Transparent Ionic Conductors for Actuators and Sensors (Adv. Mater. 7/2020). *Advanced Materials*, **2020**, 32, 2070048	24	3
28	Water-Processable, Stretchable, Self-Healable, Thermally Stable, and Transparent Ionic Conductors for Actuators and Sensors. *Advanced Materials*, **2020**, 32, e1906679	24	66
27	Emerging Soft Conductors for Bioelectronic Interfaces. *Advanced Functional Materials*, **2020**, 30, 1907184	15.6	38
26	Tri-rutile layered niobium-molybdates for all solid-state symmetric supercapacitors. *Journal of Materials Chemistry A*, **2020**, 8, 20141-20150	13	2
25	All 3D Printed Stretchable Piezoelectric Nanogenerator for Self-Powered Sensor Application. *Sensors*, **2020**, 20,	3.8	8
24	Progress on triboelectric nanogenerator with stretchability, self-healability and bio-compatibility. *Nano Energy*, **2019**, 59, 237-257	17.1	105
23	Silicon-MnO2 core-shell nanowires as electrodes for micro-supercapacitor application. *Ceramics International*, **2019**, 45, 18914-18923	5.1	22
22	Extremely stretchable and self-healing conductor based on thermoplastic elastomer for all-three-dimensional printed triboelectric nanogenerator. *Nature Communications*, **2019**, 10, 2158	17.4	188
21	Self-restoring, waterproof, tunable microstructural shape memory triboelectric nanogenerator for self-powered water temperature sensor. *Nano Energy*, **2019**, 61, 584-593	17.1	72
20	Tunable Ferroelectricity in Ruddlesden-Popper Halide Perovskites. *ACS Applied Materials & Interfaces*, **2019**, 11, 13523-13532	9.5	23
19	Transparent and stretchable bimodal triboelectric nanogenerators with hierarchical micro-nanostructures for mechanical and water energy harvesting. *Nano Energy*, **2019**, 64, 103904	17.1	61
18	A Stretchable and Self-Healing Energy Storage Device Based on Mechanically and Electrically Restorative Liquid-Metal Particles and Carboxylated Polyurethane Composites. *Advanced Materials*, **2019**, 31, e1805536	24	148
17	Core-shell nanofiber mats for tactile pressure sensor and nanogenerator applications. *Nano Energy*, **2018**, 44, 248-255	17.1	142

16	Skin-touch-actuated textile-based triboelectric nanogenerator with black phosphorus for durable biomechanical energy harvesting. *Nature Communications*, **2018**, 9, 4280	17.4	270
15	Self-powered pressure sensor for ultra-wide range pressure detection. *Nano Research*, **2017**, 10, 3557-3570	10	85
14	Multi-responsive supercapacitors: Smart solution to store electrical energy. *Materials Today Energy*, **2017**, 4, 41-57	7	25
13	Fast charging self-powered electric double layer capacitor. *Journal of Power Sources*, **2017**, 342, 70-78	8.9	70
12	Transparent, Flexible Cellulose Nanofibril/Phosphorene Hybrid Paper as Triboelectric Nanogenerator. *Advanced Materials Interfaces*, **2017**, 4, 1700651	4.6	55
11	Deformable and Transparent Ionic and Electronic Conductors for Soft Energy Devices. *Advanced Energy Materials*, **2017**, 7, 1701369	21.8	45
10	Wearable All-Fabric-Based Triboelectric Generator for Water Energy Harvesting. *Advanced Energy Materials*, **2017**, 7, 1701243	21.8	149
9	Highly Transparent, Stretchable, and Self-Healing Ionic-Skin Triboelectric Nanogenerators for Energy Harvesting and Touch Applications. *Advanced Materials*, **2017**, 29, 1702181	24	255
8	Localized Charge Transfer in Two-Dimensional Molybdenum Trioxide. *ACS Applied Materials & Interfaces*, **2017**, 9, 27045-27053	9.5	7
7	A Stretchable and Transparent Nanocomposite Nanogenerator for Self-Powered Physiological Monitoring. *ACS Applied Materials & Interfaces*, **2017**, 9, 42200-42209	9.5	92
6	Flexible Superamphiphobic Film for Water Energy Harvesting. *Advanced Materials Technologies*, **2017**, 2, 1600186	6.8	36
5	Metal Organic Framework-Derived Metal Phosphates as Electrode Materials for Supercapacitors. *Advanced Energy Materials*, **2016**, 6, 1501833	21.8	165
4	Enhanced Piezoelectric Energy Harvesting Performance of Flexible PVDF-TrFE Bilayer Films with Graphene Oxide. *ACS Applied Materials & Interfaces*, **2016**, 8, 521-9	9.5	221
3	Self-powered graphene thermistor. *Nano Energy*, **2016**, 26, 586-594	17.1	21
2	Design of Mixed-Metal Silver Decamolybdate Nanostructures for High Specific Energies at High Power Density. *Advanced Materials*, **2016**, 28, 6966-75	24	27
1	Cellulose nanofibers-based green nanocomposites for water environmental sustainability: a review. *Emergent Materials*,1	3.5	1