

Liwei Lin

List of Publications by Year in descending order

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19
papers

1,642
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic and breathable smart MXene-based textile for multifunctional wearable sensing electronics. <i>Chemical Engineering Journal</i> , 2021, 406, 126898.	12.7	304
2	Highly stretchable, anti-corrosive and wearable strain sensors based on the PDMS/CNTs decorated elastomer nanofiber composite. <i>Chemical Engineering Journal</i> , 2019, 362, 89-98.	12.7	278
3	A highly stretchable, super-hydrophobic strain sensor based on polydopamine and graphene reinforced nanofiber composite for human motion monitoring. <i>Composites Part B: Engineering</i> , 2020, 181, 107580.	12.0	182
4	Electrically conductive and fluorine free superhydrophobic strain sensors based on SiO ₂ /graphene-decorated electrospun nanofibers for human motion monitoring. <i>Chemical Engineering Journal</i> , 2019, 373, 298-306.	12.7	176
5	Dual conductive network enabled superhydrophobic and high performance strain sensors with outstanding electro-thermal performance and extremely high gauge factors. <i>Chemical Engineering Journal</i> , 2020, 385, 123391.	12.7	149
6	Mechanically Durable, Highly Conductive, and Anticorrosive Composite Fabrics with Excellent Self-Cleaning Performance for High-Efficiency Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10883-10894.	8.0	121
7	Superhydrophobic and wearable TPU based nanofiber strain sensor with outstanding sensitivity for high-quality body motion monitoring. <i>Chemical Engineering Journal</i> , 2021, 419, 129513.	12.7	87
8	3D Printing and Digital Processing Techniques in Dentistry: A Review of Literature. <i>Advanced Engineering Materials</i> , 2019, 21, 1801013.	3.5	81
9	Fluorine-free Superhydrophobic and Conductive Rubber Composite with Outstanding Deicing Performance for Highly Sensitive and Stretchable Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17774-17783.	8.0	78
10	Nanostructured Transition Metal Nitrides as Emerging Electrocatalysts for Water Electrolysis: Status and Challenges. <i>EnergyChem</i> , 2022, 4, 100072.	19.1	55
11	Wearable and antibacterial HPMC-anchored conductive polymer composite strain sensor with high gauge factors under small strains. <i>Chemical Engineering Journal</i> , 2022, 435, 135068.	12.7	31
12	Study of a water-soluble supramolecular complex of curcumin and β -cyclodextrin polymer with electrochemical property and potential anti-cancer activity. <i>Chinese Chemical Letters</i> , 2022, 33, 4043-4047.	9.0	31
13	CuFeN/CNT composite derived from kinetically modulated urchin-shaped MOF for highly efficient OER catalysis. <i>Electrochimica Acta</i> , 2021, 389, 138637.	5.2	18
14	3D Nanoconductive Network Based on the Microstructure of Latex Foam for Superior Performance Piezoresistive Sensors. <i>ACS Applied Polymer Materials</i> , 2022, 4, 54-63.	4.4	14
15	An In Situ Self-Assembly Dual Conductive Shell Nanofiber Strain Sensor with Superior Sensitivity and Antibacterial Property. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	10
16	Preparation and Characterization of Biomimetic Hydroxyapatite Nanocrystals by Using Partially Hydrolyzed Keratin as Template Agent. <i>Nanomaterials</i> , 2019, 9, 241.	4.1	9
17	Preparation of polyaniline/porous carbon spheres derived from β -cyclodextrin for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2022, 920, 116615.	3.8	8
18	Preparation of cyclodextrin polymer-functionalized polyaniline/porous carbon composites for use in high-performance supercapacitors. <i>Materials Letters</i> , 2022, 324, 132771.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Carbon Nanofibers Based on Potassium Citrate/Polyacrylonitrile for Supercapacitors. Membranes, 2022, 12, 272.	3.0	4