Wei-Hong Zhong

List of Publications by Year
in descending order

136 papers	4,594 citations	94433 37 h-index	123424 61 g-index
136 all docs	136 docs citations	136 times ranked	5559 citing authors

#	Article	IF	Citations
1	Review on polymer/graphite nanoplatelet nanocomposites. Journal of Materials Science, 2011, 46, 5595-5614.	3.7	402
2	Development of Electrolytes towards Achieving Safe and Highâ€Performance Energyâ€Storage Devices: A Review. ChemElectroChem, 2015, 2, 22-36.	3.4	299
3	A review of the electrical and mechanical properties of carbon nanofiller-reinforced polymer composites. Journal of Materials Science, 2019, 54, 1036-1076.	3.7	210
4	Soy-Protein-Based Nanofabrics for Highly Efficient and Multifunctional Air Filtration. ACS Applied Materials & Interfaces, 2016, 8, 20023-20031.	8.0	139
5	A robust and ion-conductive protein-based binder enabling strong polysulfide anchoring for high-energy lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 1835-1848.	10.3	96
6	Soy protein isolate/bacterial cellulose composite membranes for high efficiency particulate air filtration. Composites Science and Technology, 2017, 138, 124-133.	7.8	88
7	An Ultra-microporous Carbon Material Boosting Integrated Capacitance for Cellulose-Based Supercapacitors. Nano-Micro Letters, 2020, 12, 63.	27.0	81
8	Experimental study of damage characteristics of carbon woven fabric/epoxy laminates subjected to lightning strike. Composites Part A: Applied Science and Manufacturing, 2015, 79, 164-175.	7.6	80
9	Towards Sustainable and Multifunctional Air-Filters: A Review on Biopolymer-Based Filtration Materials. Polymer Reviews, 2019, 59, 651-686.	10.9	80
10	Natural polypeptides treat pollution complex: Moisture-resistant multi-functional protein nanofabrics for sustainable air filtration. Nano Research, 2018, 11, 4265-4277.	10.4	78
11	A Disposable Multi-Functional Air Filter: Paper Towel/Protein Nanofibers with Gradient Porous Structures for Capturing Pollutants of Broad Species and Sizes. ACS Sustainable Chemistry and Engineering, 2017, 5, 6209-6217.	6.7	77
12	A Biobased Composite Gel Polymer Electrolyte with Functions of Lithium Dendrites Suppressing and Manganese Ions Trapping. Advanced Energy Materials, 2018, 8, 1702561.	19.5	77
13	An Ultrarobust Composite Gel Electrolyte Stabilizing Ion Deposition for Longâ€Life Lithium Metal Batteries. Advanced Functional Materials, 2019, 29, 1904547.	14.9	76
14	Biomaterials for Highâ€Energy Lithiumâ€Based Batteries: Strategies, Challenges, and Perspectives. Advanced Energy Materials, 2019, 9, 1901774.	19.5	73
15	A sandwich structure polymer/polymer-ceramics/polymer gel electrolytes for the safe, stable cycling of lithium metal batteries. Journal of Membrane Science, 2018, 555, 169-176.	8.2	71
16	In Situ Armoring: A Robust, High-Wettability, and Fire-Resistant Hybrid Separator for Advanced and Safe Batteries. ACS Applied Materials & Interfaces, 2019, 11, 2978-2988.	8.0	71
17	â€œGreenâ€•nano-filters: fine nanofibers of natural protein for high efficiency filtration of particulate pollutants and toxic gases. RSC Advances, 2016, 6, 105948-105956.	3.6	70
18	Morphology engineering of protein fabrics for advanced and sustainable filtration. Journal of Materials Chemistry A, 2018, 6, 21585-21595.	10.3	69

#	Article	IF	Citations
19	Strategies for Building Robust Traffic Networks in Advanced Energy Storage Devices: A Focus on Composite Electrodes. Advanced Materials, 2019, 31, e1804204.	21.0	69
20	Cross-Linked Protein Nanofilter with Antibacterial Properties for Multifunctional Air Filtration. ACS Applied Materials & Interfaces, 2017, 9, 22846-22855.	8.0	65
21	Superresilient Hard Carbon Nanofabrics for Sodiumâ€Ion Batteries. Small, 2020, 16, e1906883.	10.0	64
22	Preparation and properties of natural rubber composites reinforced with pretreated carbon nanotubes. Polymers for Advanced Technologies, 2008, 19, 1543-1549.	3.2	62
23	Novel MnO/carbon composite anode material with multi-modal pore structure for high performance lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 2082-2088.	10.3	59
24	Synergistically effects of copolymer and core-shell particles for toughening epoxy. Polymer, 2018, 140, 39-46.	3.8	56
25	Molecular simulation and experimental analysis on thermal and mechanical properties of carbon nanotube/epoxy resin composites with different curing agents at highâ€low temperature. Polymer Composites, 2018, 39, E945.	4.6	52
26	Hierarchically Structured All-biomass Air Filters with High Filtration Efficiency and Low Air Pressure Drop Based on Pickering Emulsion. ACS Applied Materials & Interfaces, 2019, 11, 14266-14274.	8.0	52
27	A Gumâ€Like Electrolyte: Safety of a Solid, Performance of a Liquid. Advanced Energy Materials, 2013, 3, 1557-1562.	19.5	51
28	Numerical analysis of photothermal conversion performance of MXene nanofluid in direct absorption solar collectors. Energy Conversion and Management, 2020, 226, 113515.	9.2	49
29	A Nanoprotein-Functionalized Hierarchical Composite Air Filter. ACS Sustainable Chemistry and Engineering, 2018, 6, 11606-11613.	6.7	47
30	Study of Electrical Stimulation with Different Electric-Field Intensities in the Regulation of the Differentiation of PC12 Cells. ACS Chemical Neuroscience, 2019, 10, 348-357.	3.5	46
31	Ultralight Programmable Bioinspired Aerogels with an Integrated Multifunctional Surface for Self-Cleaning, Oil Absorption, and Thermal Insulation via Coassembly. ACS Applied Materials & Interfaces, 2020, 12, 11273-11286.	8.0	46
32	A Particleâ€Controlled, Highâ€Performance, Gumâ€Like Electrolyte for Safe and Flexible Energy Storage Devices. Advanced Energy Materials, 2015, 5, 1400463.	19.5	42
33	Gel polymer electrolyte based on polyethylene glycol composite lignocellulose matrix with higher comprehensive performances. Electrochimica Acta, 2017, 247, 505-515.	5.2	42
34	Effect of epoxy monomer structure on the curing process and thermo-mechanical characteristics of tri-functional epoxy/amine systems: a methodology combining atomistic molecular simulation with experimental analyses. Polymer Chemistry, 2017, 8, 2016-2027.	3.9	41
35	Gumâ€Like Nanocomposites as Conformable, Conductive, and Adhesive Electrode Matrix for Energy Storage Devices. Advanced Energy Materials, 2017, 7, 1601767.	19.5	40
36	Decoupled Ion Transport in a Protein-Based Solid Ion Conductor. Journal of Physical Chemistry Letters, 2016, 7, 4304-4310.	4.6	38

#	Article	IF	Citations
37	A Janus protein-based nanofabric for trapping polysulfides and stabilizing lithium metal in lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 7377-7389.	10.3	38
38	Carbon nanofiber/polyetherimide composite membranes with special dielectric properties. Soft Matter, 2009, 5, 3593.	2.7	37
39	Let It Catch: A Shortâ€Branched Protein for Efficiently Capturing Polysulfides in Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2020, 10, 1903642.	19.5	37
40	A protein-functionalized microfiber/protein nanofiber Bi-layered air filter with synergistically enhanced filtration performance by a viable method. Separation and Purification Technology, 2019, 229, 115837.	7.9	36
41	Wettability of nano-epoxies to UHMWPE fibers. Journal of Colloid and Interface Science, 2006, 299, 332-341.	9.4	35
42	Self-Assembled Protein Nanofilter for Trapping Polysulfides and Promoting Li⁺ Transport in Lithiumâ€“Sulfur Batteries. Journal of Physical Chemistry Letters, 2018, 9, 2450-2459.	4.6	35
43	Roles of electrical stimulation in promoting osteogenic differentiation of BMSCs on conductive fibers. Journal of Biomedical Materials Research - Part A, 2019, 107, 1443-1454.	4.0	35
44	An Ultraelastic Poly(ethylene oxide)/Soy Protein Film with Fully Amorphous Structure. Macromolecules, 2012, 45, 602-606.	4.8	34
45	Synthesis of Organosilaneâ€Modified Carbon Nanofibers and Influence of Silane Coating Thickness on the Performance of Polyethylene Nanocomposites. Macromolecular Materials and Engineering, 2010, 295, 1125-1135.	3.6	33
46	A bio-surfactant for defect control: Multifunctional gelatin coated MWCNTs for conductive epoxy nanocomposites. Composites Science and Technology, 2018, 159, 216-224.	7.8	33
47	A Janus nanofiber-based separator for trapping polysulfides and facilitating ion-transport in lithiumâ€“sulfur batteries. Nanoscale, 2019, 11, 18090-18098.	5.6	33
48	Effect of hygrothermal aging on the damage characteristics of carbon woven fabric/epoxy laminates subjected to simulated lightning strike. Materials and Design, 2016, 99, 477-489.	7.0	32
49	Enhanced Interfacial Adhesion and Properties of Polypropylene/Carbon Fiber Composites by Fiber Surface Oxidation in Presence of a Compatibilizer. Polymer Composites, 2019, 40, E654.	4.6	32
50	Simultaneous improvement in ionic conductivity and mechanical properties of multi-functional block-copolymer modified solid polymer electrolytes for lithium ion batteries. Journal of Power Sources, 2011, 196, 10163-10168.	7.8	30
51	A polymeric nanocomposite interlayer as ion-transport-regulator for trapping polysulfides and stabilizing lithium metal. Energy Storage Materials, 2018, 15, 447-457.	18.0	27
52	An ultra-durable gel electrolyte stabilizing ion deposition and trapping polysulfides for lithium-sulfur batteries. Energy Storage Materials, 2020, 27, 25-34.	18.0	27
53	Building Ion-Conduction Highways in Polymeric Electrolytes by Manipulating Protein Configuration. ACS Applied Materials & Interfaces, 2018, 10, 4726-4736.	8.0	26
54	Novel double-networked polyurethane composites with multi-stimuli responsive functionalities. Journal of Materials Chemistry A, 2018, 6, 17457-17472.	10.3	26

#	Article	IF	Citations
55	MOFâ€Enabled Ionâ€Regulating Gel Electrolyte for Longâ€Cycling Lithium Metal Batteries Under High Voltage. Small, 2022, 18, e2106225.	10.0	26
56	Curing characteristics of an epoxy resin in the presence of ball-milled graphite particles. Journal of Materials Science, 2009, 44, 1987-1997.	3.7	25
57	A Bimodal Protein Fabric Enabled via In Situ Diffusion for High-Performance Air Filtration. Environmental Science & Technology, 2020, 54, 12042-12050.	10.0	24
58	Proteinâ€Engineered Functional Materials for Bioelectronics. Advanced Functional Materials, 2021, 31, 2006744.	14.9	24
59	Coreâ€“Shell Hybrid Nanowires with Protein Enabling Fast Ion Conduction for Highâ€Performance Composite Polymer Electrolytes. Small, 2018, 14, e1803564.	10.0	22
60	Natural â€œreliefâ€•for lithium dendrites: Tailoring protein configurations for long-life lithium metal anodes. Energy Storage Materials, 2021, 42, 22-33.	18.0	22
61	Sensitivity of Dielectric Properties to Wear Process on Carbon Nanofiber/High-Density Polyethylene Composites. Nanoscale Research Letters, 2011, 6, 7.	5.7	21
62	Combustion characteristics of a slotted swirl combustor: An experimental test and numerical validation. International Communications in Heat and Mass Transfer, 2015, 66, 140-147.	5.6	21
63	A Polymer-Alloy Binder for Structures-Properties Control of Battery Electrodes. Energy Storage Materials, 2018, 14, 149-158.	18.0	21
64	A wet-processed, binder-free sulfur cathode integrated with a dual-functional separator for flexible Liâ€“S batteries. Nanoscale, 2020, 12, 5483-5493.	5.6	21
65	Poly(Vinylidene Fluoride)â€Based Blends as New Binders for Lithiumâ€Ion Batteries. ChemElectroChem, 2018, 5, 2288-2294.	3.4	20
66	Robust, Superelastic Hard Carbon with In Situ Ultrafine Crystals. Advanced Functional Materials, 2020, 30, 1907486.	14.9	20
67	A multifunctional carbon nanotube reinforced nanocomposite modified via soy protein isolate: A study on dispersion, electrical and mechanical properties. Carbon, 2020, 161, 350-358.	10.3	20
68	A protein-enabled protective film with functions of self-adapting and anion-anchoring for stabilizing lithium-metal batteries. Journal of Energy Chemistry, 2022, 64, 485-495.	12.9	20
69	Tug-of-War-Inspired Bio-Based Air Filters with Advanced Filtration Performance. ACS Applied Materials & Interfaces, 2021, 13, 8736-8744.	8.0	19
70	Characterization of the flexural behavior of a reactive graphitic nanofibers reinforced epoxy using a non-linear damage model. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 445-446, 106-112.	5.6	18
71	Effects of compaction and UV exposure on performance of acrylate/glassâ€fiber composites cured layer by layer. Journal of Applied Polymer Science, 2012, 123, 3799-3805.	2.6	18
72	Wear and Friction of Carbon Nanofiber-Reinforced HDPE Composites. Journal of Tribology, 2012, 134, .	1.9	17

#	Article	IF	Citations
73	One-step firing of carbon fiber and ceramic precursors for high performance electro-thermal composite: Influence of graphene coating. Materials and Design, 2020, 191, 108633.	7.0	17
74	Building bimodal structures by a wettability difference-driven strategy for high-performance protein air-filters. Journal of Hazardous Materials, 2021, 415, 125742.	12.4	17
75	Influence of phase morphology on the sliding wear of polyethylene blends filled with carbon nanofibers. Polymer Engineering and Science, 2010, 50, 613-623.	3.1	16
76	Effectual dispersion of carbon nanofibers in polyetherimide composites and their mechanical and tribological properties. Polymer Engineering and Science, 2010, 50, 1914-1922.	3.1	16
77	Structurally Induced Dielectric Constant Promotion and Loss Suppression for Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	16
78	A protein-reinforced adhesive composite electrolyte. Polymer, 2016, 106, 43-52.	3.8	16
79	Influence of a fiberglass layer on the lightning strike damage response of CFRP laminates in the dry and hygrothermal environments. Composite Structures, 2018, 187, 179-189.	5.8	16
80	Promoting neural transdifferentiation of BMSCs via applying synergetic multiple factors for nerve regeneration. Experimental Cell Research, 2019, 375, 80-91.	2.6	16
81	Protein-modified SEI formation and evolution in Li metal batteries. Journal of Energy Chemistry, 2022, 73, 248-258.	12.9	16
82	Dependence of Dielectric Properties and Percolative Behavior on Phase Separation Structure Induced by Heterogeneous Carbon Nanofiber Distribution in Polymer Blend Nanocomposites. Macromolecular Materials and Engineering, 2011, 296, 992-1001.	3.6	15
83	Quantified stereological macrodispersion analysis of polymer nanocomposites. Composites Part A: Applied Science and Manufacturing, 2012, 43, 847-855.	7.6	15
84	Thermal properties of carbon nanofiber reinforced high-density polyethylene nanocomposites. Journal of Composite Materials, 2015, 49, 795-805.	2.4	15
85	A Multifunctional Protein Coating for Self-Assembled Porous Nanostructured Electrodes. ACS Omega, 2017, 2, 1679-1686.	3.5	15
86	Small Molecules Make a Big Difference: A Solventâ€Controlled Strategy for Building Robust Conductive Network Structures in Highâ€Capacity Electrode Composites. Small Methods, 2018, 2, 1800066.	8.6	15
87	Rational Design of Graphite Nanoplatelets Interlayers via a Surfactant-Controlled Strategy for Enhancing Lithiumâ€“Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 15267-15277.	6.7	15
88	A critical study on a 3D scaffold-based lithium metal anode. Electrochimica Acta, 2019, 318, 220-227.	5.2	15
89	Analytical study of tensile behaviors of UHMWPE/nano-epoxy bundle composites. Journal of Materials Science, 2008, 43, 4236-4246.	3.7	13
90	Soy Protein-Assisted Dispersion of Carbon Nanotubes in a Polymer Matrix. Materials Express, 2012, 2, 76-82.	0.5	13

#	Article	IF	Citations
91	Potential Application and Molecular Mechanisms of Soy Protein on the Enhancement of Graphite Nanoplatelet Dispersion. Journal of Physical Chemistry C, 2015, 119, 26760-26767.	3.1	13
92	A Super-breathable â€œWoven-likeâ€•Protein Nanofabric. ACS Applied Bio Materials, 2020, 3, 2958-2964.	4.6	13
93	Fluorination deposition on carbon nanofibers by PTFE decomposition as a facile method to enhance dispersion and interaction in PVDF composites. Journal of Materials Chemistry, 2011, 21, 944-950.	6.7	12
94	Soy protein-treated nanofillers creating adaptive interfaces in nanocomposites with effectively improved conductivity. Journal of Materials Science, 2018, 53, 8653-8665.	3.7	12
95	A UV-curable epoxy with â€œsoftâ€•segments for 3D-printable shape-memory materials. Journal of Materials Science, 2018, 53, 12650-12661.	3.7	12
96	â€œSeeâ€•the invisibles: Inspecting battery separator defects via pressure drop. Energy Storage Materials, 2019, 16, 589-596.	18.0	12
97	Dissipative Particle Dynamics Simulations of a Protein-Directed Self-Assembly of Nanoparticles. ACS Omega, 2019, 4, 10216-10224.	3.5	11
98	Robust supramolecular composite hydrogels for sustainable and â€œvisibleâ€•agriculture irrigation. Journal of Materials Chemistry A, 2021, 9, 24613-24621.	10.3	11
99	Numerical simulation of a cavity receiver enhanced with transparent aerogel for parabolic dish solar power generation. Energy, 2022, 246, 123358.	8.8	11
100	Mechanical properties, tribological behavior, and biocompatibility of high-density polyethylene/carbon nanofibers nanocomposites. Journal of Composite Materials, 2015, 49, 1503-1512.	2.4	10
101	A Proteinâ€Based Janus Separator for Trapping Polysulfides and Regulating Ion Transport in Lithiumâ^'Sulfur Batteries. ChemSusChem, 2021, 14, 2226-2236.	6.8	10
102	The revival of electron beam irradiation curing of epoxy resinâ€"materials characterization and supportive cure studies. Polymers for Advanced Technologies, 2009, 20, 811-817.	3.2	9
103	Influence of Carbon Nanofiber Network Variability on the AC Conductivity of Polyetherimide Composite Films. Macromolecular Materials and Engineering, 2010, 295, 310-314.	3.6	9
104	Analysis tools for fibrous nanofiller polymer composites: Macroâ€•and nanoscale dispersion assessments correlated with mechanical and electrical composite properties. Polymer Composites, 2014, 35, 10-18.	4.6	9
105	A novel carbon aerogel enabling respiratory monitoring for bio-facial masks. Journal of Materials Chemistry A, 2021, 9, 13143-13150.	10.3	9
106	Effects of Soy Protein on the Crystallization and Dielectric Properties of PEG/PEG Copolymers. Macromolecular Chemistry and Physics, 2012, 213, 757-765.	2.2	8
107	A gelatin-treated carbon nanofiber/epoxy nanocomposite with significantly improved multifunctional properties. Materials Today Communications, 2020, 24, 101006.	1.9	8
108	Tailoring bimodal protein fabrics for enhanced air filtration performance. Separation and Purification Technology, 2022, 290, 120913.	7.9	8

#	Article	IF	Citations
109	Wear of Carbon Nanofiber Reinforced HDPE Nanocomposites Under Dry Sliding Condition. Journal of Nanotechnology in Engineering and Medicine, 2012, 3, .	0.8	7
110	Development of Electrolytes towards Achieving Safe and Highâ€Performance Energyâ€Storage Devices: A Review. ChemElectroChem, 2015, 2, 3-3.	3.4	7
111	Facilitating protein denaturation in organic solvent and the contribution to the promoting dispersion of graphite nanoplatelets in a polymer. EXPRESS Polymer Letters, 2015, 9, 686-694.	2.1	7
112	Natural protein as novel additive of a commercial electrolyte for Long-Cycling lithium metal batteries. Chemical Engineering Journal, 2022, 437, 135283.	12.7	7
113	Electrical conductivity enhancement of a polymer using butyl glycidyl ether (BGE)â€“lithium hexafluorophosphate (LiPF6) complex. Journal of Materials Science, 2008, 43, 4607-4617.	3.7	6
114	Effective Static Dissipation of Bilayer Thermoplastic Nanocomposites at Low Nanofiber Loadings. Macromolecular Materials and Engineering, 2010, 295, 1136-1143.	3.6	6
115	Interface-tailored forces fluffing protein fiber membranes for high-performance filtration. Separation and Purification Technology, 2021, 278, 119570.	7.9	6
116	Mechanical performance of a CFRP composite reinforced via gelatin-CNTs: A study on fiber interfacial enhancement and matrix enhancement. Nanotechnology Reviews, 2022, 11, 625-636.	5.8	6
117	An Efficient Quantified Stereological Macrodispersion Analysis Approach for Determining Microscale Influences on Nanocomposite Material Properties. Macromolecular Materials and Engineering, 2013, 298, 221-234.	3.6	5
118	Inâ€Situ Synthesis of N, O, Pâ€Doped Hierarchical Porous Carbon from Polyâ€bis(phenoxy)phosphazene for Polysulfideâ€Trapping Interlayer in Lithiumâ€Sulfur Batteries. Chemistry - A European Journal, 2021, 27, 9876-9884.	3.3	5
119	Manipulating conductive network formation via 3D T-ZnO: A facile approach for a CNT-reinforced nanocomposite. Nanotechnology Reviews, 2020, 9, 534-542.	5.8	5
120	Physical properties of a reactive graphitic nanofiber-reinforced epoxy. Journal of Materials Science, 2008, 43, 413-416.	3.7	4
121	Dramatic Effects of Scalable SNNâ€Assisted Melt Dispersion on Thermal Conductivity and Coefficient of Thermal Expansion of Nanocomposites. Macromolecular Materials and Engineering, 2011, 296, 151-158.	3.6	4
122	Ion-induced effective control of morphologies of soy protein biocomposites. Journal of Materials Science, 2015, 50, 2691-2699.	3.7	4
123	Decoupled Ion Transport in Protein-Based Solid Electrolyte through Ab Initio Calculations and Experiments. Journal of Physical Chemistry Letters, 2021, 12, 9429-9435.	4.6	4
124	Mechanisms for the Improvement in Interfacial Adhesion Between UHMWPE Reinforcement and Nano-epoxy Resins with Reactive Graphitic Nanofibers. Journal of Adhesion Science and Technology, 2009, 23, 1281-1292.	2.6	3
125	Special wetting behavior of a graphitic nanofiber-modified epoxy generalized for rough textured fabric surfaces. Colloid and Polymer Science, 2011, 289, 141-148.	2.1	3
126	Electrical and dielectric sensitivities to thermal processes in carbon nanofiber/high-density polyethylene composites. Science and Engineering of Composite Materials, 2011, 18, 51-60.	1.4	3

#	Article	IF	Citations
127	A bio-OCLC structure equating to a movable unit of a lattice cellular core for hybrid in-plane morphing applications. Composite Structures, 2020, 235, 111762.	5.8	3
128	The Surface Structure Origin of Carbon Fiber with Enhanced Electrothermal Properties Prepared by Modification of Graphene Coating. Journal of Electronic Materials, 2022, 51, 4288-4298.	2.2	3
129	Fabrication and characterization of flexible high performance thermoplastic foams derived from rigid polyetherketoneketone via a VOC-free foaming method. Journal of Materials Science, 2013, 48, 3517-3527.	3.7	2
130	A quantitative analysis tool for quality assessment of nanocomposite masterbatches. Journal of Composite Materials, 2014, 48, 2527-2536.	2.4	2
131	Segregated polymeric nanocomposites with tunable three-dimensional network of nanoparticles by controlling the dispersion and distribution. RSC Advances, 2014, 4, 51872-51877.	3.6	2
132	Inspired by the growth characteristic of leaf epidermis cell walls: A bio-ITCLC core for supporting a flexible skin with combined morphing applications. Composite Structures, 2021, 255, 112870.	5.8	2
133	The mechanics characteristic of epidermis cell walls in a leaf growth process provides inspiration on a flexible multi-morphing skin. International Journal of Mechanical Sciences, 2021, 193, 106162.	6.7	1
134	Energy Storage: Gumâ€Like Nanocomposites as Conformable, Conductive, and Adhesive Electrode Matrix for Energy Storage Devices (Adv. Energy Mater. 6/2017). Advanced Energy Materials, 2017, 7, .	19.5	0
135	NANOMATERIALS AND NANOSTRUCTURES FOR REGULATING IONS AND ELECTRON TRANSPORT IN ADVANCED ENERGY STORAGE DEVICES. , 2018, , 757-809.		0
136	Numerical Study of MXene Enhanced TherminolÂ®VP-1 Nanofluid for Solar Photothermal Conversion. IOP Conference Series: Earth and Environmental Science, 2021, 838, 012012.	0.3	0