

# Petr Saha

## List of Publications by Year in descending order

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347  
papers

9,750  
citations

30551

56  
h-index

73587

79  
g-index

352  
all docs

352  
docs citations

352  
times ranked

12374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell response to PLA scaffolds functionalized with various seaweed polysaccharides. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 79-86.	1.8	11
2	Bio-innovation of new-generation nonwoven natural fibrous materials for the footwear industry: Current state-of-the-art and sustainability panorama. <i>Journal of Natural Fibers</i> , 2022, 19, 4897-4907.	1.7	2
3	Development of novel biocomposites based on the clean production of microbial cellulose from dairy waste (sour whey). <i>Journal of Applied Polymer Science</i> , 2022, 139, 51433.	1.3	5
4	Nano storage-boxes constructed by the vertical growth of MoS <sub>2</sub> on graphene for high-performance Li-S batteries. <i>Journal of Energy Chemistry</i> , 2022, 66, 91-99.	7.1	37
5	Boolean and Elementary Algebra with a Roll-to-Roll Printed Electrochemical Memristor. <i>Advanced Materials Technologies</i> , 2022, 7, 2101108.	3.0	4
6	A Self-Standing Binder-Free Biomimetic Cathode Based on LMO/CNT Enhanced with Graphene and PANI for Aqueous Rechargeable Batteries. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1457.	1.8	5
7	Electrochemical performance of composite electrodes based on rGO, Mn/Cu metal-organic frameworks, and PANI. <i>Scientific Reports</i> , 2022, 12, 664.	1.6	26
8	Hierarchical MoS <sub>2</sub> /C@MXene composite as an anode for high-performance lithium-ion capacitors. <i>Applied Surface Science</i> , 2022, 598, 153778.	3.1	24
9	Engineering Magnetic Type Radio-Absorbers Based on Composites with a Dual-Phase Polymer Matrix. <i>Electronic Materials Letters</i> , 2022, 18, 345-360.	1.0	3
10	Confining MoS <sub>2</sub> nanocrystals in MOF-derived carbon for high performance lithium and potassium storage. <i>Green Energy and Environment</i> , 2021, 6, 75-82.	4.7	41
11	Self-crosslinked chitosan/dialdehyde xanthan gum blended hypromellose hydrogel for the controlled delivery of ampicillin, minocycline and rifampicin. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1468-1478.	3.6	50
12	Electrochemical performance of composites made of rGO with Zn-MOF and PANI as electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2021, 367, 137563.	2.6	44
13	Densified MoS <sub>2</sub> /Ti <sub>3</sub> C <sub>2</sub> films with balanced porosity for ultrahigh volumetric capacity sodium-ion battery. <i>Chemical Engineering Journal</i> , 2021, 413, 127479.	6.6	33
14	Nanoparticle-Based Rifampicin Delivery System Development. <i>Molecules</i> , 2021, 26, 2067.	1.7	11
15	Plasma Mediated Chlorhexidine Immobilization onto Polylactic Acid Surface via Carbodiimide Chemistry: Antibacterial and Cytocompatibility Assessment. <i>Polymers</i> , 2021, 13, 1201.	2.0	3
16	Preparation and characterization of injectable self-antibacterial gelatin/carrageenan/bacterial cellulose hydrogel scaffolds for wound healing application. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102415.	1.4	18
17	Kombucha-derived bacterial cellulose from diverse wastes: a prudent leather alternative. <i>Cellulose</i> , 2021, 28, 9335-9353.	2.4	20
18	Polymeric hydrogel based systems for vaccine delivery: A review. <i>Polymer</i> , 2021, 230, 124088.	1.8	17

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19	Development of dual crosslinked mumio-based hydrogel dressing for wound healing application: Physico-chemistry and antimicrobial activity. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120952.	2.6	15
20	Dual Li-ion migration channels in an ester-rich copolymer/ionic liquid quasi-solid-state electrolyte for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2459-2469.	5.2	18
21	Antimicrobial textile materials: their healthcare benefits and management. , 2021, , 377-396.		3
22	Exploiting multiple percolation in two-terminal memristor to achieve a multitude of resistive states. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8975-8986.	2.7	7
23	Thermo Compression of Thermoplastic Agar-Xanthan Gum-Carboxymethyl Cellulose Blend. <i>Polymers</i> , 2021, 13, 3472.	2.0	3
24	Fe <sub>3</sub> O <sub>4</sub> Nanoparticles on 3D Porous Carbon Skeleton Derived from Rape Pollen for High-Performance Li-ion Capacitors. <i>Nanomaterials</i> , 2021, 11, 3355.	1.9	3
25	Magnetic Nanomaterials for Arterial Embolization and Hyperthermia of Parenchymal Organs Tumors: A Review. <i>Nanomaterials</i> , 2021, 11, 3402.	1.9	8
26	Swelling and rheological study of calcium phosphate filled bacterial cellulose-based hydrogel scaffold. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48522.	1.3	18
27	A novel poly(vinyl carbonate-co-butyl acrylate) quasi-solid-state electrolyte as a strong catcher for lithium polysulfide in Li-ion batteries. <i>Electrochimica Acta</i> , 2020, 332, 135463.	2.6	13
28	Effect of Iron-Oxide Nanoparticles Impregnated Bacterial Cellulose on Overall Properties of Alginate/Casein Hydrogels: Potential Injectable Biomaterial for Wound Healing Applications. <i>Polymers</i> , 2020, 12, 2690.	2.0	51
29	Environmentally friendly and animal free leather: Fabrication and characterization. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	7
30	Highly surface electron-deficient Co <sub>9</sub> S <sub>8</sub> nanoarrays for enhanced oxygen evolution. <i>Green Energy and Environment</i> , 2020, 5, 492-498.	4.7	41
31	Preparation and Characterization of Nonwoven Fibrous Biocomposites for Footwear Components. <i>Polymers</i> , 2020, 12, 3016.	2.0	12
32	Polymer Based Bioadhesive Biomaterials for Medical Application—A Perspective of Redefining Healthcare System Management. <i>Polymers</i> , 2020, 12, 3015.	2.0	13
33	Effect of PANI and PPy on Electrochemical Performance of rGO/ZnMn <sub>2</sub> O <sub>4</sub> Aerogels as Electrodes for Supercapacitors. <i>Journal of Electronic Materials</i> , 2020, 49, 4697-4706.	1.0	13
34	Carbazole Derivatized n-Alkyl Methacrylate Polymeric Memristors as Flexible Synaptic Substitutes. <i>Advanced Electronic Materials</i> , 2020, 6, 2000042.	2.6	8
35	Magnetic hydrogel based shoe insoles for prevention of diabetic foot. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167153.	1.0	8
36	Essential Oil Based PVP-CMC-BC-GG Functional Hydrogel Sachet for Cheese™: Its Shelf Life Confirmed with Anthocyanin (Isolated from Red Cabbage) Bio Stickers. <i>Foods</i> , 2020, 9, 307.	1.9	28

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37	Biodegradable porous polylactic acid film as a separator for supercapacitors. Journal of Applied Polymer Science, 2020, 137, 49270.	1.3	10
38	Comparative analysis of bacterial cellulose based polymeric films for food packaging. AIP Conference Proceedings, 2020, , .	0.3	3
39	A high-resilience and conductive composite binder for lithium-sulfur batteries. Chemical Engineering Journal, 2020, 389, 124404.	6.6	43
40	Magnetic hydrogel based shoe insoles for diabetics. AIP Conference Proceedings, 2020, , .	0.3	2
41	3D Porous Ti3C2 MXene/NiCo-MOF Composites for Enhanced Lithium Storage. Nanomaterials, 2020, 10, 695.	1.9	75
42	Reduced Graphene Oxide Compositied with Ni-MOF and PANI Applied as Electrodes for Supercapacitor. ECS Transactions, 2020, 99, 93-101.	0.3	3
43	Entrepreneurial Universities' Strategic Role in Accelerated Innovation for Regional Growth. Advances in Higher Education and Professional Development Book Series, 2020, , 51-65.	0.1	1
44	Viscoelastic behavior of calcium phosphate packed bacterial cellulose-polyvinylpyrrolidone based hydrogel scaffolds at human fever temperature. AIP Conference Proceedings, 2020, , .	0.3	0
45	Bacterial cellulose and guar gum based modified PVP-CMC hydrogel films: Characterized for packaging fresh berries. Food Packaging and Shelf Life, 2019, 22, 100402.	3.3	72
46	Calcium Phosphate Incorporated Bacterial Cellulose-Polyvinylpyrrolidone Based Hydrogel Scaffold: Structural Property and Cell Viability Study for Bone Regeneration Application. Polymers, 2019, 11, 1821.	2.0	18
47	Biocomposites of poly(lactic acid) and lactic acid oligomerâ€grafted bacterial cellulose: It's preparation and characterization. Journal of Applied Polymer Science, 2019, 136, 47903.	1.3	25
48	Anticoagulant Polyethylene Terephthalate Surface by Plasma-Mediated Fucoidan Immobilization. Polymers, 2019, 11, 750.	2.0	22
49	The use of fractionated Kraft lignin to improve the mechanical and biological properties of PVA-based scaffolds. RSC Advances, 2019, 9, 12346-12353.	1.7	11
50	Hierarchical PANI/NiCo-LDH Core-Shell Composite Networks on Carbon Cloth for High Performance Asymmetric Supercapacitor. Nanomaterials, 2019, 9, 527.	1.9	51
51	Controlled synthesis of alkalized Ti3C2 MXene-supported $\text{Fe}^{2+}$ -FeOOH nanoparticles as anodes for lithium-ion batteries. Ionics, 2019, 25, 3069-3077.	1.2	14
52	Reduced Graphene Oxide-MWCNT Organogel Foam for Lithium-Sulfur Battery Cathode. ECS Transactions, 2019, 95, 81-87.	0.3	1
53	Dual Crosslinked Collagen/Chitosan Film for Potential Biomedical Applications. Polymers, 2019, 11, 2094.	2.0	49
54	ZnO@MOF@PANI core-shell nanoarrays on carbon cloth for high-performance supercapacitor electrodes. Journal of Energy Chemistry, 2019, 35, 124-131.	7.1	122

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55	Moisture Sorption Isotherm and Isosteric Heat of Sorption Characteristics of PVP-CMC Hydrogel Film: A Useful Food Packaging Material. <i>Polymers and Polymeric Composites</i> , 2019, , 1085-1101.	0.6	0
56	Importance of Multi-Stakeholder Initiatives in Applications of Bacterial Cellulose-Based Hydrogels for Sustainable Development. <i>Polymers and Polymeric Composites</i> , 2019, , 1277-1301.	0.6	0
57	Inorganic calcium filled bacterial cellulose based hydrogel scaffold: novel biomaterial for bone tissue regeneration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 134-144.	1.8	16
58	PVP - CMC hydrogel: An excellent bioinspired and biocompatible scaffold for osseointegration. <i>Materials Science and Engineering C</i> , 2019, 95, 440-449.	3.8	29
59	Bacterial Cellulose Based Hydrogel Film for Sustainable Food Packaging. <i>Materials Horizons</i> , 2019, , 237-245.	0.3	1
60	Cluster strategies and smart specialisation strategy: do they really leverage on knowledge and innovation-driven territorial growth?. <i>Technology Analysis and Strategic Management</i> , 2018, 30, 1256-1268.	2.0	15
61	Green synthesis of silver nanoparticles and biopolymer nanocomposites: a comparative study on physico-chemical, antimicrobial and anticancer activity. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	45
62	Design rules for carbazole derivatized <i>n</i> -alkyl methacrylate polymeric memristors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2533-2545.	2.7	9
63	Preparation of active antibacterial biomaterials based on sparfloxacin, enrofloxacin, and lomefloxacin deposited on polyethylene. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46174.	1.3	6
64	Enhancing the supercapacitor performance of flexible MnOxCarbon cloth electrodes by Pd-decoration. <i>Electrochimica Acta</i> , 2018, 272, 1-10.	2.6	25
65	Chitosan-silver nanocomposites: New functional biomaterial for health-care applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 1-10.	1.8	16
66	Polyaniline/reduced graphene oxide hydrogel film with attached graphite current collector for flexible supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3025-3034.	1.1	17
67	Characterization of Bacterial Cellulose Produced using Media Containing Waste Apple Juice. <i>Applied Biochemistry and Microbiology</i> , 2018, 54, 649-657.	0.3	27
68	Biocompatibility and Biological Efficiency of Inorganic Calcium Filled Bacterial Cellulose Based Hydrogel Scaffolds for Bone Bioengineering. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3980.	1.8	34
69	Calcium phosphate and calcium carbonate mineralization of bioinspired hydrogels based on $\hat{2}$ -chitin isolated from biomineral of the common cuttlefish ( <i>Sepia officinalis</i> , L.). <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	5
70	Moisture Sorption Isotherm and Isosteric Heat of Sorption Characteristics of PVP-CMC Hydrogel Film: A Useful Food Packaging Material. <i>Polymers and Polymeric Composites</i> , 2018, , 1-17.	0.6	1
71	Mo-Triggered amorphous Ni <sub>3</sub> S <sub>2</sub> nanosheets as efficient and durable electrocatalysts for water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1462-1466.	3.2	43
72	Resistive Sensors for Organic Vapors Based on Nanostructured and Chemically Modified Polyanilines. <i>IEEE Sensors Journal</i> , 2018, 18, 6510-6516.	2.4	11

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73	Importance of Multi-Stakeholder Initiatives in Applications of Bacterial Cellulose-Based Hydrogels for Sustainable Development. <i>Polymers and Polymeric Composites</i> , 2018, , 1-25.	0.6	0
74	Bacterial cellulose based greener packaging material: a bioadhesive polymeric film. <i>Materials Research Express</i> , 2018, 5, 115405.	0.8	36
75	â€œGreenâ€™ synthesis of silver polymer Nanocomposites of poly (2-isopropenyl-2- oxazoline-co-) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	13
76	Peptoids and polypeptoids: biomimetic and bioinspired materials for biomedical applications. <i>Polymer Bulletin</i> , 2017, 74, 3455-3466.	1.7	24
77	The Role of Diffusion-Controlled Growth in the Formation of Uniform Iron Oxide Nanoparticles with a Link to Magnetic Hyperthermia. <i>Crystal Growth and Design</i> , 2017, 17, 2323-2332.	1.4	15
78	Flexible textile electrode with high areal capacity from hierarchical V2O5 nanosheet arrays. <i>Journal of Power Sources</i> , 2017, 357, 71-76.	4.0	27
79	High energy-density organic supercapacitors based on optimum matching between GNS/aMWCNT@polyaniline nanocone arrays cathode and GNS/aMWCNT@poly(1,5-diaminoanthraquinone) nanoparticles anode. <i>Chemical Engineering Journal</i> , 2017, 326, 9-16.	6.6	29
80	Viscoelastic behavior of mineralized (CaCO <sub>3</sub> ) chitin based PVP-CMC hydrogel scaffolds. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
81	The dynamic magnetoviscoelastic properties of biomineralized (Fe <sub>3</sub> O <sub>4</sub> ) PVP-CMC hydrogel. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	3
82	Cytotoxicity of poly(p-phenylenediamine). <i>Chemical Papers</i> , 2017, 71, 367-372.	1.0	1
83	Interface-engineered MoS <sub>2</sub> /C nanosheet heterostructure arrays for ultra-stable sodium-ion batteries. <i>Chemical Engineering Science</i> , 2017, 174, 104-111.	1.9	60
84	Rheological performance of bacterial cellulose based nonmineralized and mineralized hydrogel scaffolds. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	8
85	A novel multistep method for chondroitin sulphate immobilization and its interaction with fibroblast cells. <i>Materials Science and Engineering C</i> , 2017, 70, 94-100.	3.8	12
86	On the cytotoxicity of poly(4-aminodiphenylaniline) powders: Effect of acid dopant type and sample posttreatment. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 132-138.	1.8	4
87	Ethyl({[acryloyl(furan-2-ylmethyl)amino]acetyl}amino)acetate. <i>MolBank</i> , 2017, 2017, M925.	0.2	0
88	Co <sub>3</sub> O <sub>4</sub> @CoS Core-Shell Nanosheets on Carbon Cloth for High Performance Supercapacitor Electrodes. <i>Materials</i> , 2017, 10, 608.	1.3	49
89	Construction of Hierarchical CuO/Cu <sub>2</sub> O@NiCo <sub>2</sub> S <sub>4</sub> Nanowire Arrays on Copper Foam for High Performance Supercapacitor Electrodes. <i>Nanomaterials</i> , 2017, 7, 273.	1.9	38
90	A Highly Flexible Supercapacitor Based on MnO <sub>2</sub> /RGO Nanosheets and Bacterial Cellulose-Filled Gel Electrolyte. <i>Materials</i> , 2017, 10, 1251.	1.3	47

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91	The Synergies Influence of Clustering and Smart Specialization Strategy: Do They Really Stimulate Entrepreneurship and Regional Development?. <i>Global Journal of Business Economics and Management Current Issues</i> , 2017, 7, 159-168.	0.1	3
92	Ecofriendly Synthesis of Silver Nanoparticles from Garden Rhubarb ( <i>Rheum rhabarbarum</i> ). <i>Journal of Nanotechnology</i> , 2016, 2016, 1-9.	1.5	16
93	Preparation and Characterization of a Bioartificial Polymeric Material: Bilayer of Cellulose Acetate-PVA. <i>International Journal of Polymer Science</i> , 2016, 2016, 1-12.	1.2	18
94	A New Route of Fucoidan Immobilization on Low Density Polyethylene and Its Blood Compatibility and Anticoagulation Activity. <i>International Journal of Molecular Sciences</i> , 2016, 17, 908.	1.8	20
95	N-[2-(Cyclohexylamino)-2-oxoethyl]-N-(4-octyloxy)phenyl-prop-2-enamide. <i>MolBank</i> , 2016, 2016, M921.	0.2	0
96	A strong and sticky hydrogel electrolyte for flexible supercapacitors. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
97	Effect of salt concentration and temperature on the rheological properties of guar gum-dead sea salt gel. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	2
98	A self-healable and easily recyclable supramolecular hydrogel electrolyte for flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8769-8776.	5.2	238
99	Functionalized polyanilines made by nucleophilic addition reaction, applied in gas sensors field. <i>Synthetic Metals</i> , 2016, 215, 127-133.	2.1	11
100	Properties of biomineralized (CaCO <sub>3</sub> ) PVP-CMC hydrogel with reference to its cytotoxicity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016, 65, 619-628.	1.8	11
101	Salt-Templating Protocol To Realize Few-Layered Ultrasmall MoS <sub>2</sub> Nanosheets Inlayed into Carbon Frameworks for Superior Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1148-1153.	3.2	39
102	Few-layer MoS <sub>2</sub> nanosheets incorporated into hierarchical porous carbon for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2016, 288, 179-184.	6.6	69
103	MnO <sub>2</sub> /polyaniline hybrid nanostructures on carbon cloth for supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1459-1467.	1.2	54
104	The impact of SHRM on sustainable organizational learning and performance development. <i>International Journal of Organizational Leadership</i> , 2016, 5, 63-75.	0.4	12
105	Preparation of bacterial cellulose based hydrogels and their viscoelastic behavior. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	11
106	Influence of temperature, pH and simulated biological solutions on swelling and structural properties of biomineralized (CaCO <sub>3</sub> ) PVP-CMC hydrogel. <i>Progress in Biomaterials</i> , 2015, 4, 123-136.	1.8	29
107	Mineralized polymer composites as biogenic bone substitute material. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
108	Functionalized Multi-Walled Carbon Nanotube Paper for Monitoring Chemical Vapors. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4003-4008.	0.9	1



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109	Maghemite based silicone composite for arterial embolization hyperthermia. <i>Materials Science and Engineering C</i> , 2015, 48, 632-641.	3.8	17
110	MnO <sub>2</sub> nanoflakes/hierarchical porous carbon nanocomposites for high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2015, 164, 252-259.	2.6	73
111	MnO <sub>2</sub> nanoflake/polyaniline nanorod hybrid nanostructures on graphene paper for high-performance flexible supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17165-17171.	5.2	109
112	Correlation between coprecipitation reaction course and magneto-structural properties of iron oxide nanoparticles. <i>Materials Chemistry and Physics</i> , 2015, 155, 178-190.	2.0	37
113	Determination of compounding formulation of cured rubber by reverse engineering. <i>Polymer Engineering and Science</i> , 2015, 55, 1450-1458.	1.5	6
114	Bacteriostatic activity of fluoroquinolone coatings on polyethylene films. <i>Polymer Bulletin</i> , 2015, 72, 2049-2058.	1.7	4
115	A facile prestrain-stick-release assembly of stretchable supercapacitors based on highly stretchable and sticky hydrogel electrolyte. <i>Journal of Power Sources</i> , 2015, 284, 400-408.	4.0	96
116	In vitro study of partially hydrolyzed poly(2-ethyl-2-oxazolines) as materials for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 157.	1.7	16
117	Size Dependent Heating Efficiency of Iron Oxide Single Domain Nanoparticles. <i>Procedia Engineering</i> , 2015, 102, 527-533.	1.2	8
118	Flexible polyvinyl alcohol/2-hydroxypropanoic acid films: effect of residual acetyl moieties on mechanical, thermal and antibacterial properties. <i>Journal of Polymer Engineering</i> , 2015, 35, 319-327.	0.6	4
119	Ultrathin MnO <sub>2</sub> nanoflakes grown on N-doped carbon nanoboxes for high-energy asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21337-21342.	5.2	66
120	The formation mechanism of iron oxide nanoparticles within the microwave-assisted solvothermal synthesis and its correlation with the structural and magnetic properties. <i>Dalton Transactions</i> , 2015, 44, 21099-21108.	1.6	76
121	Hydrothermal effect and mechanical stress properties of carboxymethylcellulose based hydrogel food packaging. <i>Carbohydrate Polymers</i> , 2015, 117, 559-568.	5.1	80
122	Breathable and Polyol Based Hydrogel Food Packaging. <i>Journal of Biobased Materials and Bioenergy</i> , 2015, 9, 136-144.	0.1	15
123	Preparation of CaCO <sub>3</sub> -based biomineralized polyvinylpyrrolidone-carboxymethylcellulose hydrogels and their viscoelastic behavior. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	13
124	Antibacterial Performance of Alginate Acid Coating on Polyethylene Film. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14684-14696.	1.8	17
125	Electrical conductivity of epoxy/silicone/carbon black composites: Effect of composite microstructure. <i>Polymer Composites</i> , 2014, 35, 2234-2240.	2.3	3
126	Highly Enhanced Vapor Sensing of Multiwalled Carbon Nanotube Network Sensors by <i>n</i> -Butylamine Functionalization. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	1.5	10



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127	Colloidal polyaniline dispersions: Antibacterial activity, cytotoxicity and neutrophil oxidative burst. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 411-417.	2.5	82
128	The electrical conductivity of ethylene butyl-acrylate/carbon black composites: The effect of foaming on the percolation threshold. <i>Synthetic Metals</i> , 2014, 188, 140-145.	2.1	15
129	Hybrid nanostructured Ag/ZnO decorated powder cellulose fillers for medical plastics with enhanced surface antibacterial activity. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2501-2512.	1.7	18
130	Effect of phenolic resin infiltration content on the structural and electrochemical properties of hierarchical porous carbons. <i>Journal of Materials Science</i> , 2014, 49, 7489-7496.	1.7	12
131	Tuning the Molecular Sensitivity of Conductive Polymer Resistive Sensors by Chemical Functionalization. <i>Key Engineering Materials</i> , 2014, 605, 597-600.	0.4	4
132	Antibacterial performance of ZnO-based fillers with mesoscale structured morphology in model medical PVC composites. <i>Materials Science and Engineering C</i> , 2014, 41, 70-77.	3.8	30
133	HaCaT Keratinocytes Response on Antimicrobial Atelocollagen Substrates: Extent of Cytotoxicity, Cell Viability and Proliferation. <i>Journal of Functional Biomaterials</i> , 2014, 5, 43-57.	1.8	245
134	Preparation and characterization of poly(vinyl alcohol)-poly(vinyl pyrrolidone) blend: A biomaterial with latent medical applications. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3560-3568.	1.3	22
135	The effect of microwave irradiation on poly(vinyl alcohol) dissolved in ethylene glycol. <i>Journal of Applied Polymer Science</i> , 2013, 128, 175-180.	1.3	12
136	A layer radiowave absorber based on double-period lattices of resistive squares. <i>Journal of Communications Technology and Electronics</i> , 2013, 58, 233-237.	0.2	6
137	Preparation and characterisation of a new double-sided bio-artificial material prepared by casting of poly(vinyl alcohol) on collagen. <i>Polymer Bulletin</i> , 2013, 70, 431-453.	1.7	8
138	Morphology-controllable synthesis of MnO <sub>2</sub> hollow nanospheres and their supercapacitive performance. <i>New Journal of Chemistry</i> , 2013, 37, 722.	1.4	68
139	Controlled synthesis of hierarchical polyaniline nanowires/ordered bimodal mesoporous carbon nanocomposites with high surface area for supercapacitor electrodes. <i>Journal of Power Sources</i> , 2013, 240, 544-550.	4.0	94
140	On the development and characterisation of crosslinked sodium alginate/gelatine hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 18, 152-166.	1.5	191
141	Electrorheology of aniline-oligomer suspensions under oscillatory shear. <i>Journal of Physics: Conference Series</i> , 2013, 412, 012007.	0.3	2
142	Electrorheology of aniline oligomers. <i>Colloid and Polymer Science</i> , 2013, 291, 2079-2086.	1.0	49
143	Increasing the high-frequency magnetic permeability of MnZn ferrite in polyaniline composites by incorporating silver. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 333, 30-38.	1.0	21
144	Viscoelastic properties of electrorheological suspensions of core-shell (carbon/polyaniline) particles in silicone oil. <i>Journal of Physics: Conference Series</i> , 2013, 412, 012006.	0.3	1

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145	Controlled synthesis of mesoporous carbon nanosheets and their enhanced supercapacitive performance. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1677-1684.	1.2	14
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