

Yong-Peng Wang

List of Publications by Year in descending order

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46
papers

903
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623734

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46
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel water-soluble phthalocyanine-based organic molecule for the effective NIR triggered dual phototherapy of cancer. <i>New Journal of Chemistry</i> , 2022, 46, 6353-6359.	2.8	2
2	Observing the Biologically Induced Phosphate Precipitation by Sludge Extracellular Polymeric Substances in Enhanced Biological Phosphorus Removal. <i>ACS ES&T Engineering</i> , 2022, 2, 1514-1522.	7.6	4
3	Construction of OH-functionalized MWCNT/solid waste composites with tubular/spherical heterostructures for enhanced electromagnetic wave absorption property. <i>RSC Advances</i> , 2022, 12, 16003-16013.	3.6	4
4	Desorption behavior of U(VI) from kaolinite and hematite by <i>Shewanella putrefaciens</i> cells and extracellular polymeric substances. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1555-1569.	1.5	1
5	Controlled stimulationâ€burst targeted release by pHâ€sensitive HPMCAS/theophylline composite nanofibers fabricated through electrospinning. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48383.	2.6	6
6	The performances of modified single-walled carbon nanotubes/poly(ether ether ketone) composites prepared by solution blending and melt blending. <i>High Performance Polymers</i> , 2020, 32, 276-285.	1.8	5
7	Uranium speciation and distribution in <i>Shewanella putrefaciens</i> and anaerobic granular sludge in the uranium immobilization process. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 393-405.	1.5	9
8	A biodegradable core-sheath nanofibrous 3D hierarchy prepared by emulsion electrospinning for sustained drug release. <i>Journal of Materials Science</i> , 2020, 55, 16730-16743.	3.7	19
9	Self-cleaning and Oil/Water Separation of 3D Network Super-hydrophobic Bead-like Fluorinated Silica Pellets/Poly(aryl ether ketone) Composite Membrane Fabricated via a Facile One-step Electrospinning. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1320-1325.	2.6	8
10	Nanocontrollers for In Vitro Drug Release Based on Coreâ€Sheath Encapsulation of Theophylline into Hydroxypropyl Methylcellulose Acetate Succinate Nanofibers. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 566-576.	3.4	2
11	3D network super-hydrophobic hexafluorobisphenol A poly(aryl ether ketone) membrane prepared by one-step electrospinning. <i>High Performance Polymers</i> , 2020, 32, 1094-1101.	1.8	4
12	A non-enzymatic glucose sensor based on electrospun 3-D copper oxide micro-nanofiber network films using carboxylic-functionalized poly(arylene ether ketone)s as templates. <i>RSC Advances</i> , 2019, 9, 6613-6619.	3.6	7
13	Electrospun porous hybrid CuO/CdO nanofibers using carboxylic-functionalized poly(arylene ether) Tj ETQq1 1 0.784314 rgB4 /Overlo	1.8	4
14	Ternary Ag nanoparticles/natural-magnetic SiO2-nanowires/reduced graphene oxide nanocomposites with highly visible photocatalytic activity for 4-nitrophenol reduction. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	5
15	Sensitive and selective non-enzymatic glucose detection using electrospun porous CuOâ€CdO composite nanofibers. <i>Journal of Materials Science</i> , 2019, 54, 3354-3367.	3.7	15
16	Roles of extracellular polymeric substances in uranium immobilization by anaerobic sludge. <i>AMB Express</i> , 2019, 9, 199.	3.0	6
17	The mechanical and frictional properties of poly(ether ether ketone) composites with modified aluminum borate whiskers. <i>High Performance Polymers</i> , 2018, 30, 1048-1055.	1.8	3
18	Effects of biphenyl groups on the dry sliding behavior of poly (ether-ether-ketone-ketone) copolymers against stainless steel. <i>Materials and Design</i> , 2018, 158, 39-45.	7.0	5

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19	The theoretical study of substituent and charge effects in the conformational transformation process of molecular machine unit spiropyran. <i>Organic Electronics</i> , 2017, 45, 33-41.	2.6	22
20	Pyrene-functionalized PAEKs prepared from C ¹³ H borylation and Suzuki coupling reactions for the dispersion of single-walled carbon nanotubes. <i>Composites Science and Technology</i> , 2017, 143, 82-88.	7.8	15
21	Characterization of uranium in the extracellular polymeric substances of anaerobic granular sludge used to treat uranium-contaminated groundwater. <i>RSC Advances</i> , 2017, 7, 54188-54195.	3.6	9
22	Theoretical study on thermal cis -to- trans isomerization of BF ₂ -coordinated azo compounds of the para-substitution with electron donating groups. <i>Dyes and Pigments</i> , 2016, 129, 100-108.	3.7	15
23	Tuning microbial electrogenic activity by uncouplers. <i>Process Biochemistry</i> , 2016, 51, 1885-1889.	3.7	2
24	Preparation and properties of film materials of poly(aryl ether ketone)-based phthalonitrile resins. <i>Polymer Engineering and Science</i> , 2015, 55, 2313-2321.	3.1	16
25	Roles of 3,3',4,4'-tetrachlorosalicylanilide in regulating extracellular electron transfer of <i>Shewanella oneidensis</i> MR-1. <i>Scientific Reports</i> , 2015, 5, 7991.	3.3	9
26	Calcium effect on the metabolic pathway of phosphorus accumulating organisms in enhanced biological phosphorus removal systems. <i>Water Research</i> , 2015, 84, 171-180.	11.3	45
27	Electrospun carboxylic-functionalized poly(arylene ether ketone) ultrafine fibers. <i>High Performance Polymers</i> , 2015, 27, 939-949.	1.8	11
28	Aluminium borate whiskers grafted with boric acid containing poly(ether ether ketone) as a reinforcing agent for the preparation of poly(ether ether ketone) composites. <i>RSC Advances</i> , 2015, 5, 100856-100864.	3.6	10
29	Investigations on the tribological properties of poly(arylene ether ketone) copolymer with 3-(trifluoromethyl) phenyl pendants and biphenyl units. <i>High Performance Polymers</i> , 2014, 26, 247-254.	1.8	7
30	Synthesis, characterization and photoresponsive behaviour of a series of azobenzene-containing poly(ether sulfone)s with high glass transition temperatures. <i>High Performance Polymers</i> , 2014, 26, 946-952.	1.8	4
31	Preparation and properties of novel boric acid modified poly(aryl ether sulfone) membranes. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	1
32	High-effective preparation of ultrafine poly-(<i>l</i> -lactide-co- ϵ -caprolactone-diOH) fibers containing silver nanoparticles. <i>High Performance Polymers</i> , 2014, 26, 483-487.	1.8	3
33	Improving electricity generation and substrate removal of a MFC ^{air} -SBR system through optimization of COD loading distribution. <i>Biochemical Engineering Journal</i> , 2014, 85, 15-20.	3.6	25
34	Synthesis and properties of a novel poly(aryl ether sulfone) functionalized with pinacol phenylboronate pendants. <i>High Performance Polymers</i> , 2014, 26, 408-412.	1.8	3
35	Function of NaOH hydrolysis in electrospinning ZnO nanofibers via using polylactide as templates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 187, 89-95.	3.5	10
36	Electrospun Mn ₂ O ₃ nanowrinkles and Mn ₃ O ₄ nanorods: Morphology and catalytic application. <i>Applied Surface Science</i> , 2014, 313, 360-367.	6.1	24

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37	Synthesis, characterization, and photoresponsive behavior of a series of azobenzene-containing side-chain poly(ether sulfone)s with various lengths of flexible spacers. <i>Dyes and Pigments</i> , 2013, 99, 1117-1123.	3.7	23
38	Phosphorus Removal in an Enhanced Biological Phosphorus Removal Process: Roles of Extracellular Polymeric Substances. <i>Environmental Science & Technology</i> , 2013, 47, 11482-11489.	10.0	167
39	Preparation and characterization of multilayer NiO nano-products via electrospinning. <i>Applied Surface Science</i> , 2013, 284, 453-458.	6.1	16
40	Species of phosphorus in the extracellular polymeric substances of EBPR sludge. <i>Bioresource Technology</i> , 2013, 142, 714-718.	9.6	56
41	Effect of barium-containing glass filler reinforcement on shear bond strength of poly(ether ether) Tj ETQq1 1 0.784314 rgBT (Overlock 1.8 2	1.8	2
42	A microbial fuel cell membrane bioreactor integrated system for cost-effective wastewater treatment. <i>Applied Energy</i> , 2012, 98, 230-235.	10.1	153
43	SYNTHESIS AND CHARACTERIZATION OF POLY(ARYLENE ETHER SULFONE) CONTAINING ANTHRAQUINONE MOIETIES. <i>Acta Polymerica Sinica</i> , 2012, 012, 503-507.	0.0	0
44	Integration of a microbial fuel cell with activated sludge process for energy-saving wastewater treatment: Taking a sequencing batch reactor as an example. <i>Biotechnology and Bioengineering</i> , 2011, 108, 1260-1267.	3.3	72
45	Synthesis and photoresponsive behaviors of novel poly(arylene ether)s with di-azobenzene pendants. <i>Reactive and Functional Polymers</i> , 2011, 71, 553-560.	4.1	11
46	Novel soluble fluorinated poly(ether imide)s with different pendant groups: Synthesis, thermal, dielectric, and optical properties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3281-3289.	2.3	63