

Wenjing Yang

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39
papers

2,214
citations

20
h-index

40
g-index

40
ext. papers

2,443
ext. citations

7.2
avg, IF

4.89
L-index

#	Paper	IF	Citations
39	Dopamine-Induced Reduction and Functionalization of Graphene Oxide Nanosheets. <i>Macromolecules</i> , 2010 , 43, 8336-8339	5.5	652
38	Polymer brush coatings for combating marine biofouling. <i>Progress in Polymer Science</i> , 2014 , 39, 1017-1042	4.6	316
37	Biomimetic anchors for antifouling and antibacterial polymer brushes on stainless steel. <i>Langmuir</i> , 2011 , 27, 7065-76	4	167
36	Antifouling and antibacterial hydrogel coatings with self-healing properties based on a dynamic disulfide exchange reaction. <i>Polymer Chemistry</i> , 2015 , 6, 7027-7035	4.9	107
35	Layer-by-layer click deposition of functional polymer coatings for combating marine biofouling. <i>Biomacromolecules</i> , 2012 , 13, 2769-80	6.9	92
34	Barnacle cement as surface anchor for "clicking" of antifouling and antimicrobial polymer brushes on stainless steel. <i>Biomacromolecules</i> , 2013 , 14, 2041-51	6.9	86
33	Stainless steel surfaces with thiol-terminated hyperbranched polymers for functionalization via thiol-based chemistry. <i>Polymer Chemistry</i> , 2013 , 4, 3105	4.9	85
32	Highly Biocompatible Chlorin e6-Loaded Chitosan Nanoparticles for Improved Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9980-9987	9.5	68
31	Nanogel-Incorporated Injectable Hydrogel for Synergistic Therapy Based on Sequential Local Delivery of Combretastatin-A4 Phosphate (CA4P) and Doxorubicin (DOX). <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18560-18573	9.5	63
30	Evaluation of toxic effects of CdTe quantum dots on the reproductive system in adult male mice. <i>Biomaterials</i> , 2016 , 96, 24-32	15.6	54
29	Functional polymer brushes via surface-initiated atom transfer radical graft polymerization for combating marine biofouling. <i>Biofouling</i> , 2012 , 28, 895-912	3.3	53
28	Poly(vinylidene fluoride) Membranes with Hyperbranched Antifouling and Antibacterial Polymer Brushes. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 15962-15973	3.9	41
27	Density functional theory study of the aluminium(III) hydrolysis in aqueous solution. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 2396-401	3.6	39
26	Preparation of jellyfish-shaped amphiphilic block-graft copolymers consisting of a poly(ϵ -caprolactone)-block-poly(pentafluorostyrene) ring and poly(ethylene glycol) lateral brushes. <i>Polymer Chemistry</i> , 2012 , 3, 1061	4.9	36
25	Theoretical investigation of water exchange on the nanometer-sized polyoxocation $\text{AlO}_4\text{Al}_{12}(\text{OH})_{24}(\text{H}_2\text{O})_{12}(7+)$ (Keggin- Al_{13}) in aqueous solution. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14402-3	16.4	34
24	Multi-functionalization of poly(vinylidene fluoride) membranes via combined grafting from and grafting to approaches. <i>Soft Matter</i> , 2011 , 7, 11133	3.6	31
23	Efficient biofunctionalization of MoS nanosheets with peptides as intracellular fluorescent biosensor for sensitive detection of caspase-3 activity. <i>Journal of Colloid and Interface Science</i> , 2019 , 543, 96-105	9.3	30

22	Photoinduced anchoring and micropatterning of macroinitiators on polyurethane surfaces for graft polymerization of antifouling brush coatings. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 398-408	7.3	29
21	Preparation of stimuli-responsive hydrogel networks with threaded β -cyclodextrin end-capped chains via combination of controlled radical polymerization and click chemistry. <i>Soft Matter</i> , 2012 , 8, 5612	3.6	28
20	Click functionalization of dual stimuli-responsive polymer nanocapsules for drug delivery systems. <i>Polymer Chemistry</i> , 2017 , 8, 3056-3065	4.9	22
19	Assessment of the accuracy of theoretical methods for calculating $(27)\text{Al}$ nuclear magnetic resonance shielding tensors of aquated aluminum species. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5138-43	2.8	20
18	Glutathione-Induced Structural Transform of Double-Cross-Linked PEGylated Nanogel for Efficient Intracellular Anticancer Drug Delivery. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2826-2837	5.6	16
17	Theoretical exploration of the water exchange mechanism of the polyoxocation $\text{GaO}_4\text{Al}_{12}(\text{OH})_{24}(\text{H}_2\text{O})_{127+}$ in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 1588-1596	5.5	16
16	Density functional theory study and kinetic analysis of the formation mechanism of $\text{Al}_3\text{O}_8(\text{OH})_5(\text{H}_2\text{O})_6^{18+}$ (Al_3O) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 1220-1229	5.5	15
15	Density functional investigation of the water exchange reaction on the gibbsite surface. <i>Environmental Science & Technology</i> , 2009 , 43, 9281-6	10.3	15
14	Molybdenum disulfide (MoS_2) nanosheets-based hydrogels with light-triggered self-healing property for flexible sensors. <i>Journal of Colloid and Interface Science</i> , 2021 , 586, 601-612	9.3	15
13	Negative differential resistance and hysteresis in graphene-based organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1926-1932	7.1	14
12	Density functional theory study on aqueous aluminum-fluoride complexes: exploration of the intrinsic relationship between water-exchange rate constants and structural parameters for monomer aluminum complexes. <i>Environmental Science & Technology</i> , 2011 , 45, 288-93	10.3	14
11	Density functional studies of the structural characteristics, ^{27}Al NMR chemical shifts and water-exchange reactions of $\text{Al}_3\text{O}_8(\text{OH})_5(\text{H}_2\text{O})_6^{18+}$ (Al_3O) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 1230-1237	5.5	11
10	Hyaluronidase-responsive phototheranostic nanoagents for fluorescence imaging and photothermal/photodynamic therapy of methicillin-resistant infections. <i>Biomaterials Science</i> , 2021 , 9, 4484-4495	7.4	8
9	Nonadiabatic Curve-Crossing Model for the Visible-Light Photoredox Catalytic Generation of Radical Intermediate via a Concerted Mechanism. <i>ACS Catalysis</i> , 2018 , 8, 7388-7396	13.1	8
8	Versatile functionalization of surface-tailorable polymer nanohydrogels for drug delivery systems. <i>Biomaterials Science</i> , 2018 , 7, 247-261	7.4	7
7	Gut microbiota and lipid metabolism alterations in mice induced by oral cadmium telluride quantum dots. <i>Journal of Applied Toxicology</i> , 2020 , 40, 1131-1140	4.1	5
6	Two-stage thiol-based click reactions for the preparation and adhesion of hydrogels. <i>Polymer Chemistry</i> , 2020 , 11, 2986-2994	4.9	4
5	Electrochemical behavior of lactate dehydrogenase immobilized on "silica sol-gel/nanometre-sized tridecameric aluminum polycation" modified gold electrode and its application. <i>Analyst, The</i> , 2009 , 134, 1392-5	5	4

4	A hybrid polyvinyl alcohol/molybdenum disulfide nanosheet hydrogel with light-triggered rapid self-healing capability. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 2266-2274	7.3	3
3	A nanoparticle-containing polycaprolactone implant for combating post-resection breast cancer recurrence. <i>Nanoscale</i> , 2021 , 13, 14417-14425	7.7	1
2	Synthesis of water-soluble europium-containing nanoprobe via polymerization-induced self-assembly and their cellular imaging applications. <i>Talanta</i> , 2021 , 232, 122182	6.2	1
1	Europium(III)-containing nanohydrogels for cellular imaging and drug delivery applications. <i>Polymer Chemistry</i> , 2021 , 12, 4159-4166	4.9	1