

Wenjing Yang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9475162/wenjing-yang-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Molybdenum disulfide (MoS) 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
38	A nanoparticle-containing polycaprolactone implant for combating post-resection breast cancer recurrence. <i>Nanoscale</i> , 2021 , 13, 14417-14425	7.7	1
37	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
36	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
35	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
34	Europium(III)-containing nanohydrogels for cellular imaging and drug delivery applications. <i>Polymer Chemistry</i> , 2021 , 12, 4159-4166	4.9	1
33	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
32	Two-stage thiol-based click reactions for the preparation and adhesion of hydrogels. <i>Polymer Chemistry</i> , 2020 , 11, 2986-2994	4.9	4
31	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
30	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
29	Versatile functionalization of surface-tailorable polymer nanohydrogels for drug delivery systems. <i>Biomaterials Science</i> , 2018 , 7, 247-261	7.4	7
28	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
27	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
26	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
25	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
24	Click Functionalization of dual stimuli-responsive polymer nanocapsules for drug delivery systems. <i>Polymer Chemistry</i> , 2017 , 8, 3056-3065	4.9	22
23	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

22	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
21	Polymer brush coatings for combating marine biofouling. <i>Progress in Polymer Science</i> , 2014 , 39, 1017-1042	4.6	316
20	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
19	Stainless steel surfaces with thiol-terminated hyperbranched polymers for functionalization via thiol-based chemistry. <i>Polymer Chemistry</i> , 2013 , 4, 3105	4.9	85
18	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
17	Layer-by-layer click deposition of functional polymer coatings for combating marine biofouling. <i>Biomacromolecules</i> , 2012 , 13, 2769-80	6.9	92
16	Poly(vinylidene fluoride) Membranes with Hyperbranched Antifouling and Antibacterial Polymer Brushes. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 15962-15973	3.9	41
15	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
14	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
13	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
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	Biomimetic anchors for antifouling and antibacterial polymer brushes on stainless steel. <i>Langmuir</i> , 2011 , 27, 7065-76	4	167
10	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
9	Density functional theory study and kinetic analysis of the formation mechanism of $Al_3O_8(OH)_5_6(H_2O)_2_6^{18+}$ (Al_3O) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 1220-1229	5.5	15
8	Density functional studies of the structural characteristics, ^{27}Al NMR chemical shifts and water-exchange reactions of $Al_3O_8(OH)_5_6(H_2O)_2_6^{18+}$ (Al_3O) in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 1230-1237	5.5	11
7	Dopamine-Induced Reduction and Functionalization of Graphene Oxide Nanosheets. <i>Macromolecules</i> , 2010 , 43, 8336-8339	5.5	652
6	Density functional investigation of the water exchange reaction on the gibbsite surface. <i>Environmental Science & Technology</i> , 2009 , 43, 9281-6	10.3	15
5	Theoretical exploration of the water exchange mechanism of the polyoxocation $GaO_4Al_{12}(OH)_{24}(H_2O)_{12}^{7+}$ in aqueous solution. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 1588-1596	5.5	16

4	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
3	Assessment of the accuracy of theoretical methods for calculating (^{27}Al) nuclear magnetic resonance shielding tensors of aquated aluminum species. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5138-43	2.8	20
2	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
1	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