

Junchao Wei

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10683179/junchao-wei-publications-by-citations.pdf>

Version: 2024-04-24

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.

38
papers

1,126
citations

19
h-index

33
g-index

40
ext. papers

1,327
ext. citations

5.3
avg, IF

4.51
L-index

#	Paper	IF	Citations
38	When Al-Doped Cobalt Sulfide Nanosheets Meet Nickel Nanotube Arrays: A Highly Efficient and Stable Cathode for Asymmetric Supercapacitors. <i>ACS Nano</i> , 2018 , 12, 3030-3041	16.7	148
37	Biodegradable Polymer Membranes Applied in Guided Bone/Tissue Regeneration: A Review. <i>Polymers</i> , 2016 , 8,	4.5	136
36	Highly sensitive nonenzymatic glucose and H ₂ O ₂ sensor based on Ni(OH) ₂ /electroreduced graphene oxide--multiwalled carbon nanotube film modified glass carbon electrode. <i>Talanta</i> , 2014 , 120, 484-90	6.2	105
35	A Facile approach to NiCoO ₂ intimately standing on nitrogen doped graphene sheets by one-step hydrothermal synthesis for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7121-7131	13	83
34	The surface modification of hydroxyapatite nanoparticles by the ring opening polymerization of gamma-benzyl-L-glutamate N-carboxyanhydride. <i>Macromolecular Bioscience</i> , 2009 , 9, 631-8	5.5	56
33	Preparation and characterization of electrospun PLGA/gelatin nanofibers as a drug delivery system by emulsion electrospinning. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 972-85	3.5	51
32	Structure and photoluminescence of Mg ₂ Al ₂ (OH) ₆ ternary hydrotalcite-like layered double hydroxides. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2222-2226	3.3	51
31	Electrospinning of poly(L-lactide) nanofibers encapsulated with water-soluble fullerenes for bioimaging application. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 680-5	9.5	44
30	Surface modification of hydroxyapatite nanoparticles with thermal-responsive PNIPAM by ATRP. <i>Macromolecular Bioscience</i> , 2009 , 9, 1237-46	5.5	40
29	A novel thermal and pH responsive drug delivery system based on ZnO@PNIPAM hybrid nanoparticles. <i>Materials Science and Engineering C</i> , 2014 , 45, 524-9	8.3	38
28	Multiple drug-loaded electrospun PLGA/gelatin composite nanofibers encapsulated with mesoporous ZnO nanospheres for potential postsurgical cancer treatment. <i>RSC Advances</i> , 2014 , 4, 28017-28019	7.7	37
27	Antibacterial zinc oxide hybrid with gelatin coating. <i>Materials Science and Engineering C</i> , 2017 , 81, 321-326	26.3	32
26	A pinecone-inspired hierarchical vertically aligned nanosheet array electrode for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23349-23360	13	30
25	Surface modifications of halloysite nanotubes with superparamagnetic Fe ₃ O ₄ nanoparticles and carbonaceous layers for efficient adsorption of dyes in water treatment. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 971-977	2.2	29
24	Hydroxyapatite Based Materials for Bone Tissue Engineering: A Brief and Comprehensive Introduction. <i>Crystals</i> , 2021 , 11, 149	2.3	27
23	Surface modification of hydroxyapatite nanoparticles by poly(L-phenylalanine) via ROP of L-phenylalanine N-carboxyanhydride (Pha-NCA). <i>Applied Surface Science</i> , 2012 , 258, 2850-2855	6.7	24
22	Electrospun poly(L-lactide) nanofibers loaded with paclitaxel and water-soluble fullerenes for drug delivery and bioimaging. <i>New Journal of Chemistry</i> , 2014 , 38, 6223-6229	3.6	23

21	Regulating Voltage Window and Energy Density of Aqueous Asymmetric Supercapacitors by Pinecone-Like Hollow Fe ₂ O ₃ /MnO ₂ Nano-Heterostructure. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901729	4.6	21
20	Chiral ZnO nanoparticles for detection of dopamine. <i>Materials Science and Engineering C</i> , 2018 , 93, 739-745	4.5	20
19	Osteogenic properties of PBLG-g-HA/PLLA nanocomposites. <i>PLoS ONE</i> , 2014 , 9, e105876	3.7	19
18	Mussel-Inspired, Biomimetics-Assisted Self-Assembly of Co ₃ O ₄ on Carbon Fibers for Flexible Supercapacitors. <i>ChemElectroChem</i> , 2017 , 4, 2269-2277	4.3	17
17	L-cysteine modified ZnO: Small change while great progress. <i>Materials Science and Engineering C</i> , 2019 , 103, 109818	8.3	13
16	Fluorescence of Mg-Al-Eu ternary layered double hydroxide sensitivity to phenylalanine. <i>Journal of Fluorescence</i> , 2011 , 21, 1677-82	2.4	13
15	Mechanical and thermal properties of polypeptide modified hydroxyapatite/poly(L-lactide) nanocomposites. <i>Science China Chemistry</i> , 2011 , 54, 431-437	7.9	13
14	Silver Nanoparticles Coated Poly(L-Lactide) Electrospun Membrane for Implant Associated Infections Prevention. <i>Frontiers in Pharmacology</i> , 2020 , 11, 431	5.6	10
13	Novel method to graft chitosan on the surface of hydroxyapatite nanoparticles via click reaction. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 1063-1065	2.2	9
12	Surface modification of carbon nanotube with gelatin via mussel inspired method. <i>Materials Science and Engineering C</i> , 2020 , 112, 110887	8.3	7
11	In vitro characterization of PBLG-g-HA/ PLLA nanocomposite scaffolds. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014 , 29, 841-847	1	5
10	The fluorescence of Mg-Al-Eu ternary layered hydroxides response to tryptophan. <i>Luminescence</i> , 2012 , 27, 223-8	2.5	5
9	Construction of Antibacterial Surface Via Layer-by-Layer Method. <i>Current Pharmaceutical Design</i> , 2018 , 24, 926-935	3.3	5
8	Fluorescence and phase transitions of Mg-Al-Eu ternary layered double hydroxides dependence on annealing. <i>Clay Minerals</i> , 2011 , 46, 487-493	1.3	4
7	Disulfide-crosslinked poly(L-glutamic acid) grafted mesoporous silica nanoparticles and their potential application in drug delivery. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 890-894	2.2	3
6	Construction of Bio-Inspired Composites for Bone Tissue Repair. <i>ACS Symposium Series</i> , 2017 , 153-167	0.4	1
5	Layer-by-layer: A Simple and Effective Way to Construct Antibacterial Surfaces. <i>Current Pharmaceutical Design</i> , 2019 , 25, 105-106	3.3	1
4	Preparation of silver coated poly(L-lactide) nanofiber membranes via the combination of mussel-inspired approach and layer-by-layer assembly method. <i>Journal of Controlled Release</i> , 2017 , 259, e62	11.7	1

- 3 Eu-doped Mg-Al layered double hydroxide as a responsive fluorescent material and its interaction with glutamic acid. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 96, 1005-1111
- 2 Combination of Mussel Inspired Method and "Thiol-Michael" Click Reaction for Biocompatible Alginate-Modified Carbon Nanotubes. *Nanomaterials*, **2021**, 11, 5-4
- 1 Surface Modification of Hydroxyapatite for Bone Tissue Engineering61-82