

Weijia Hou

List of Publications by Citations

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

28
papers

1,357
citations

21
h-index

29
g-index

29
ext. papers

1,576
ext. citations

9.7
avg. IF

4.03
L-index

#	Paper	IF	Citations
28	Self-assembly of DNA nanohydrogels with controllable size and stimuli-responsive property for targeted gene regulation therapy. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1412-5	16.4	304
27	Ionic Functionalization of Hydrophobic Colloidal Nanoparticles To Form Ionic Nanoparticles with Enzymelike Properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14952-8	16.4	105
26	Single Nanoparticle to 3D Supercage: Framing for an Artificial Enzyme System. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13957-63	16.4	92
25	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17048-17052	16.4	92
24	ZrMOF nanoparticles as quenchers to conjugate DNA aptamers for target-induced bioimaging and photodynamic therapy. <i>Chemical Science</i> , 2018 , 9, 7505-7509	9.4	75
23	Thiol-ene click chemistry: a biocompatible way for orthogonal bioconjugation of colloidal nanoparticles. <i>Chemical Science</i> , 2017 , 8, 6182-6187	9.4	71
22	Versatile surface engineering of porous nanomaterials with bioinspired polyphenol coatings for targeted and controlled drug delivery. <i>Nanoscale</i> , 2016 , 8, 8600-6	7.7	66
21	Supramolecularly Engineered Circular Bivalent Aptamer for Enhanced Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6780-6784	16.4	64
20	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12372-5	16.4	60
19	A survey of advancements in nucleic acid-based logic gates and computing for applications in biotechnology and biomedicine. <i>Chemical Communications</i> , 2015 , 51, 3723-34	5.8	59
18	Versatile synthesis of MnO nanolayers on upconversion nanoparticles and their application in inactivatable fluorescence and MRI imaging. <i>Chemical Science</i> , 2018 , 9, 5427-5434	9.4	43
17	Aptamer CaCO ₃ nanostructures: a facile, pH-responsive, specific platform for targeted anticancer theranostics. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 166-71	4.5	37
16	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2084-94	4.5	31
15	Enhanced Targeted Gene Transduction: AAV2 Vectors Conjugated to Multiple Aptamers via Reducible Disulfide Linkages. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2-5	16.4	30
14	DNA micelle flares: a study of the basic properties that contribute to enhanced stability and binding affinity in complex biological systems. <i>Chemical Science</i> , 2016 , 7, 6041-6049	9.4	30
13	Aptamer-based multifunctional ligand-modified UCNPs for targeted PDT and bioimaging. <i>Nanoscale</i> , 2018 , 10, 10986-10990	7.7	29
12	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11954-11957	16.4	27

11	Silica cross-linked nanoparticles encapsulating fluorescent conjugated dyes for energy transfer-based white light emission and porphyrin sensing. <i>Nanoscale</i> , 2012 , 4, 6041-9	7.7	27
10	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11589-11593	16.4	24
9	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018 , 130, 17294-17298	3.6	23
8	Three Dimensional Multipod Superstructure based on Cu(OH) as a Highly Efficient Nanozyme. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4657-4661	7.3	22
7	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017 , 129, 12116-12119	3.6	13
6	Spherically Directed Synthesis and Enhanced Cellular Internalization of Metal-Crosslinked DNA Micelles. <i>Chem</i> , 2019 , 5, 913-928	16.2	10
5	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie</i> , 2016 , 128, 12560-12563	3.6	8
4	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 11763-11767	3.6	6
3	Antitumor Activity of Lipid-DNA Aptamer Modified T Lymphocytes in Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 1110-1118	4	4
2	Automated high-throughput preparation and characterization of oligonucleotide-loaded lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021 , 599, 120392	6.5	3
1	Chelation-assisted assembly of multidentate colloidal nanoparticles into metal-organic nanoparticles. <i>Nanoscale</i> , 2018 , 10, 21369-21373	7.7	2