Yanyan Huang

List of Publications by Year
in descending order

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70	5,821	159573	98792
papers	citations	30 h-index	67 g-index

73	73	73	6669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Progress of Exosome Isolation and Peptide Recognition-Guided Strategies for Exosome Research. Frontiers in Chemistry, 2022, 10, 844124.	3.6	23
2	Metalâ€Organic Frameworkâ€Based Nanoheater with Photoâ€Triggered Cascade Effects for Onâ€Demand Suppression of Cellular Thermoresistance and Synergistic Cancer Therapy. Advanced Healthcare Materials, 2022, 11, e2200004.	7.6	7
3	Interdecadal Changes of the South Asian High in CMIP5/6 and Projection of Its Future Changes. Journal of Climate, 2022, 35, 5661-5675.	3.2	4
4	Invasion of Spartina alterniflora on Zostera japonica enhances the abundances of bacteria by absolute quantification sequencing analysis. Ecology and Evolution, 2022, 12, .	1.9	6
5	One-step synthesis of well-defined molecularly imprinted nanospheres for the class-selective recognition and separation of Î²-blockers in human serum. Journal of Chromatography A, 2022, 1673, 463204.	3.7	6
6	Hydrazone bond-oriented molecularly imprinted nanocomposites for the selective separation of protein via the well-defined recognition sites. Mikrochimica Acta, 2022, 189, .	5.0	0
7	Activity-Based Probe for Ratiometric Fluorescence Imaging of Caspase-3 in Living Cells. Analytical Chemistry, 2021, 93, 2045-2052.	6.5	16
8	Metalâ€“organic frameworks as advanced materials for sample preparation of bioactive peptides. Analytical Methods, 2021, 13, 862-873.	2.7	17
9	Selective recognition of a cyclic peptide hormone in human plasma by hydrazone bond-oriented surface imprinted nanoparticles. Analytica Chimica Acta, 2021, 1154, 338301.	5.4	16
10	Engineering Peptide-Functionalized Biomimetic Nanointerfaces for Synergetic Capture of Circulating Tumor Cells in an EpCAM-Independent Manner. Analytical Chemistry, 2021, 93, 9778-9787.	6.5	16
11	Photosensitizer with High Efficiency Generated in Cells via Lightâ€Induced Selfâ€Oligomerization of 4,6â€Dibromothieno[3,4â€b]thiophene Compound Entailing a Triphenyl Phosphonium Group. Advanced Healthcare Materials, 2021, 10, e2100896.	7.6	3
12	Seasonal Dynamics of Bathyarchaeota-Dominated Benthic Archaeal Communities Associated with Seagrass (Zostera japonica) Meadows. Journal of Marine Science and Engineering, 2021, 9, 1304.	2.6	6
13	Frontispiz: Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie, 2020, 132, .	2.0	0
14	Aggregationâ€Induced Emission Luminogens for Mitochondriaâ€Targeted Cancer Therapy. ChemMedChem, 2020, 15, 2220-2227.	3.2	17
15	Stepwise Assembly of Turnâ€on Fluorescence Sensors in Multicomponent Metalâ€“Organic Frameworks for inâ€…Vitro Cyanide Detection. Angewandte Chemie, 2020, 132, 9405-9409.	2.0	18
16	Frontispiece: Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
17	Stepwise Assembly of Turnâ€on Fluorescence Sensors in Multicomponent Metalâ€“Organic Frameworks for inâ€…Vitro Cyanide Detection. Angewandte Chemie - International Edition, 2020, 59, 9319-9323.	13.8	104
18	Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie, 2020, 132, 10128-10137.	2.0	13

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19	Pyridiniumâ€Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. Angewandte Chemie - International Edition, 2020, 59, 10042-10051.	13.8	66
20	Verification and Improvement of the Capability of ENSEMBLES to Predict the Winter Arctic Oscillation. Earth and Space Science, 2019, 6, 1887-1899.	2.6	6
21	Biomimetic Sensing System for Tracing Pb²⁺ Distribution in Living Cells Based on the Metalâ€“Peptide Supramolecular Assembly. ACS Applied Materials & Interfaces, 2019, 11, 5804-5811.	8.0	34
22	Temperature-controlled ionic liquid dispersive liquidâ€“liquid microextraction combined with fluorescence detection of ultra-trace Hg²⁺ in water. Analytical Methods, 2019, 11, 2669-2676.	2.7	23
23	Nanozymes: Classification, Catalytic Mechanisms, Activity Regulation, and Applications. Chemical Reviews, 2019, 119, 4357-4412.	47.7	1,955
24	Recent Advances in AIEgens for Metal Ion Biosensing and Bioimaging. Molecules, 2019, 24, 4593.	3.8	34
25	Peptide-Guided System with Programmable Subcellular Translocation for Targeted Therapy and Bypassing Multidrug Resistance. Analytical Chemistry, 2019, 91, 1880-1886.	6.5	14
26	Toward the Identification of Intensified Reaction Conditions Using Response Surface Methodology: A Case Study on 3-Methylpyridine N-Oxide Synthesis. Industrial & Engineering Chemistry Research, 2019, 58, 6093-6104.	3.7	14
27	Nucleotide-Based Assemblies for Green Synthesis of Silver Nanoparticles with Controlled Localized Surface Plasmon Resonances and Their Applications. ACS Applied Materials & Interfaces, 2018, 10, 9929-9937.	8.0	24
28	Bioinspired Design of Fe³⁺â€Doped Mesoporous Carbon Nanospheres for Enhanced Nanozyme Activity. Chemistry - A European Journal, 2018, 24, 7259-7263.	3.3	69
29	Nanozyme Decorated Metalâ€“Organic Frameworks for Enhanced Photodynamic Therapy. ACS Nano, 2018, 12, 651-661.	14.6	670
30	Seleniumâ€Based Nanozyme as Biomimetic Antioxidant Machinery. Chemistry - A European Journal, 2018, 24, 10224-10230.	3.3	51
31	Enzymeâ€MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. Angewandte Chemie - International Edition, 2018, 57, 5725-5730.	13.8	217
32	Enzymeâ€MOF Nanoreactor Activates Nontoxic Paracetamol for Cancer Therapy. Angewandte Chemie, 2018, 130, 5827-5832.	2.0	42
33	Biomolecule-templated photochemical synthesis of silver nanoparticles: Multiple readouts of localized surface plasmon resonance for pattern recognition. Nano Research, 2018, 11, 3213-3221.	10.4	24
34	Cancer Nanotherapy: Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy (Small 47/2018). Small, 2018, 14, 1870225.	10.0	0
35	Ultrasmall Nanozymes Isolated within Porous Carbonaceous Frameworks for Synergistic Cancer Therapy: Enhanced Oxidative Damage and Reduced Energy Supply. Chemistry of Materials, 2018, 30, 7831-7839.	6.7	91
36	Investigating Subcellular Compartment Targeting Effect of Porous Coordination Cages for Enhancing Cancer Nanotherapy. Small, 2018, 14, e1802709.	10.0	36

#	Article	IF	Citations
37	Bioinspired Peptide for Imaging Hg²⁺ Distribution in Living Cells and Zebrafish Based on Coordination-Mediated Supramolecular Assembling. Analytical Chemistry, 2018, 90, 9708-9715.	6.5	33
38	Probing the Dynamic Interaction between Damaged DNA and a Cellular Responsive Protein Using a Piezoelectric Mass Biosensor. ACS Applied Materials & Interfaces, 2017, 9, 8490-8497.	8.0	13
39	A GOâ€“Se nanocomposite as an antioxidant nanozyme for cytoprotection. Chemical Communications, 2017, 53, 3082-3085.	4.1	84
40	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS₂. ACS Nano, 2017, 11, 4651-4659.	14.6	191
41	Artificial Enzymeâ€based Logic Operations to Mimic an Intracellular Enzymeâ€participated Redox Balance System. Chemistry - A European Journal, 2017, 23, 9156-9161.	3.3	16
42	Surface-imprinted magnetic nanoparticles for the selective enrichment and fast separation of fluoroquinolones in human serum. Journal of Separation Science, 2017, 40, 2269-2277.	2.5	5
43	Dual-targeting peptide probe for sequence- and structure-sensitive sensing of serum albumin. Biosensors and Bioelectronics, 2017, 94, 657-662.	10.1	15
44	Rapid, sensitive, and in-solution screening of peptide probes for targeted imaging of live cancer cells based on peptide recognition-induced emission. Chemical Communications, 2017, 53, 11091-11094.	4.1	18
45	Well-defined magnetic surface imprinted nanoparticles for selective enrichment of 2,4-dichlorophenoxyacetic acid in real samples. Talanta, 2017, 174, 725-732.	5.5	31
46	Selfâ€Assembly of Multiâ€nanozymes to Mimic an Intracellular Antioxidant Defense System. Angewandte Chemie - International Edition, 2016, 55, 6646-6650.	13.8	330
47	Selfâ€Assembly of Multiâ€nanozymes to Mimic an Intracellular Antioxidant Defense System. Angewandte Chemie, 2016, 128, 6758-6762.	2.0	80
48	Selfâ€Assembly and Compartmentalization of Nanozymes in Mesoporous Silicaâ€Based Nanoreactors. Chemistry - A European Journal, 2016, 22, 5705-5711.	3.3	23
49	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells in vitro and in vivo by varying counter anions. Chemical Science, 2016, 7, 7013-7019.	7.4	65
50	Rational design and functional evolution of targeted peptides for bioanalytical applications. Science China Chemistry, 2016, 59, 1250-1257.	8.2	6
51	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. Analytical Chemistry, 2016, 88, 6374-6381.	6.5	43
52	Conformational switch-mediated accelerated release of drug from cytosine-rich nucleic acid-capped magnetic nanovehicles. Chemical Communications, 2016, 52, 3364-3367.	4.1	4
53	Fluorescence Turn-On Chemosensor for Highly Selective and Sensitive Detection and Bioimaging of Al³⁺ in Living Cells Based on Ion-Induced Aggregation. Analytical Chemistry, 2015, 87, 1470-1474.	6.5	188
54	Self-assembly of an organicâ€“inorganic hybrid nanoflower as an efficient biomimetic catalyst for self-activated tandem reactions. Chemical Communications, 2015, 51, 4386-4389.	4.1	143

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55	A peptide-based pH-sensitive drug delivery system for targeted ablation of cancer cells. Chemical Communications, 2015, 51, 14454-14457.	4.1	28
56	Enzyme-regulated the changes of pH values for assembling a colorimetric and multistage interconnection logic network with multiple readouts. Analytica Chimica Acta, 2015, 870, 92-98.	5.4	21
57	A continuous-flow mass biosensor for the real-time dynamic analysis of protease inhibition. Chemical Communications, 2015, 51, 6601-6604.	4.1	6
58	Positional assembly of hemin and gold nanoparticles in grapheneâ€“mesoporous silica nanohybrids for tandem catalysis. Chemical Science, 2015, 6, 1272-1276.	7.4	75
59	Incorporating ATP into biomimetic catalysts for realizing exceptional enzymatic performance over a broad temperature range. NPG Asia Materials, 2014, 6, e114-e114.	7.9	42
60	Preparation of monodispersed macroporous coreâ€“shell molecularly imprinted particles and their application in the determination of 2,4-dichlorophenoxyacetic acid. Journal of Chromatography A, 2014, 1323, 11-17.	3.7	58
61	Highly selective piezoelectric sensor for lead(II) based on the lead-catalyzed release of gold nanoparticles from a self-assembled nanosurface. Mikrochimica Acta, 2014, 181, 1521-1527.	5.0	8
62	Well-Defined Nanostructured Surface-Imprinted Polymers for Highly Selective Magnetic Separation of Fluoroquinolones in Human Urine. ACS Applied Materials & Interfaces, 2014, 6, 9634-9642.	8.0	110
63	Targeted Bioimaging and Photodynamic Therapy of Cancer Cells with an Activatable Red Fluorescent Bioprobe. Analytical Chemistry, 2014, 86, 7987-7995.	6.5	262
64	Tetraphenylethylene Conjugated with a Specific Peptide as a Fluorescence Turnâ€On Bioprobe for the Highly Specific Detection and Tracing of Tumor Markers in Live Cancer Cells. Chemistry - A European Journal, 2014, 20, 158-164.	3.3	91
65	Superparamagnetic surface molecularly imprinted nanoparticles for water-soluble pefloxacin mesylate prepared via surface initiated atom transfer radical polymerization and its application in egg sample analysis. Journal of Chromatography A, 2012, 1246, 15-21.	3.7	52
66	A rapid and highly selective colorimetric method for direct detection of tryptophan in proteins via DMSO acceleration. Chemical Communications, 2011, 47, 8319.	4.1	16
67	A novel polychloromethylstyrene coated superparamagnetic surface molecularly imprinted coreâ€“shell nanoparticle for bisphenol A. Journal of Materials Chemistry, 2011, 21, 9232.	6.7	90
68	Highly Specific Targeting and Imaging of Live Cancer Cells by Using a Peptide Probe Developed from Rationally Designed Peptides. ChemBioChem, 2011, 12, 1209-1215.	2.6	17
69	Design, synthesis and screening of antisense peptide based combinatorial peptide libraries towards an aromatic region of SARSâ€CoV. Journal of Molecular Recognition, 2008, 21, 122-131.	2.1	10
70	Study on peptide-peptide interaction using high-performance affinity chromatography and quartz crystal microbalance biosensor. Science Bulletin, 2007, 52, 1311-1319.	1.7	4