

Wangxiao He

List of Publications by Year in Descending Order

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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.

41
papers

769
citations

16
h-index

26
g-index

44
ext. papers

1,179
ext. citations

11.1
avg, IF

4.11
L-index

#	Paper	IF	Citations
41	Turing miRNA into infinite coordination supermolecule: a general and enabling nanoengineering strategy for resurrecting nuclear acid therapeutics.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 10	9.4	2
40	Turing milk into pro-apoptotic oral nanotherapeutic: bionic chiral-peptide supramolecule for cancer targeted and immunological therapy.. <i>Theranostics</i> , 2022 , 12, 2322-2334	12.1	1
39	A Bionic-Homodimerization Strategy for Optimizing Modulators of Protein-Protein Interactions: From Statistical Mechanics Theory to Potential Clinical Translation.. <i>Advanced Science</i> , 2022 , e2105179	13.6	9
38	Turning Fluvastatin into a supramolecular immuno-sensitizer towards augmented tumor immunotherapy. <i>Chemical Engineering Journal</i> , 2022 , 437, 135310	14.7	0
37	A Tumor-Targeting Metal-Organic Nanoparticle Constructed by Dynamic Combinatorial Chemistry toward Accurately Redressing Carcinogenic Wnt Cascade. <i>Small</i> , 2021 , e2104849	11	4
36	De Novo Nano-Erythrocyte Structurally Braced by Biomimetic Au(I)-peptide Skeleton for MDM2/MDMX Predation toward Augmented Pulmonary Adenocarcinoma Immunotherapy. <i>Small</i> , 2021 , 17, e2100394	11	8
35	Carnosic acid-induced co-self-assembly of metal-peptide complexes into a nanocluster-based framework with tumor-specific accumulation for augmented immunotherapy. <i>Chemical Engineering Journal</i> , 2021 , 416, 129141	14.7	6
34	A Bionic Nano-Band-Aid Constructed by the Three-Stage Self-Assembly of Peptides for Rapid Liver Hemostasis. <i>Nano Letters</i> , 2021 , 21, 7166-7174	11.5	1
33	Design of ultrahigh-affinity and dual-specificity peptide antagonists of MDM2 and MDMX for P53 activation and tumor suppression. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2655-2669	15.5	3
32	A nano-predator of pathological MDMX construct by clearable supramolecular gold(I)-thiol-peptide complexes achieves safe and potent anti-tumor activity. <i>Theranostics</i> , 2021 , 11, 6833-6846	12.1	32
31	Chiral Protein Supraparticles for Tumor Suppression and Synergistic Immunotherapy: An Enabling Strategy for Bioactive Supramolecular Chirality Construction. <i>Nano Letters</i> , 2020 , 20, 5844-5852	11.5	47
30	Targeted disruption of the BCL9/Ectenin interaction by endosomal-escapable nanoparticles functionalized with an E-cadherin-derived peptide. <i>Nanotechnology</i> , 2020 , 31, 115102	3.4	8
29	Resurrecting a p53 peptide activator - An enabling nanoengineering strategy for peptide therapeutics. <i>Journal of Controlled Release</i> , 2020 , 325, 293-303	11.7	14
28	De novo supraparticle construction by a self-assembled Janus cyclopeptide to tame hydrophilic microRNA and hydrophobic molecule for anti-tumor cocktail therapy and augmented immunity. <i>Chemical Engineering Journal</i> , 2020 , 401, 126080	14.7	8
27	A general-purpose Nanohybrid fabricated by Polymeric Au(I)-peptide precursor to wake the function of Peptide Therapeutics. <i>Theranostics</i> , 2020 , 10, 8513-8527	12.1	10
26	Dithiocarbamate-inspired side chain stapling chemistry for peptide drug design. <i>Chemical Science</i> , 2019 , 10, 1522-1530	9.4	25
25	Tanshinones: First-in-Class Inhibitors of the Biogenesis of the Type 3 Secretion System Needle of for Antibiotic Therapy. <i>ACS Central Science</i> , 2019 , 5, 1278-1288	16.8	13

24	A tetrameric protein scaffold as a nano-carrier of antitumor peptides for cancer therapy. <i>Biomaterials</i> , 2019 , 204, 1-12	15.6	16
23	A lanthanide-peptide-derived bacterium-like nanotheranostic with high tumor-targeting, -imaging and -killing properties. <i>Biomaterials</i> , 2019 , 206, 13-24	15.6	21
22	Self-Assembly of Therapeutic Peptide into Stimuli-Responsive Clustered Nanohybrids for Cancer-Targeted Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1807736	15.6	34
21	A Hierarchical Peptide-Lanthanide Framework To Accurately Redress Intracellular Carcinogenic Protein-Protein Interaction. <i>Nano Letters</i> , 2019 , 19, 7918-7926	11.5	12
20	Modulating Protein-Protein Interactions via Peptide-Lanthanide-Derived Nanoparticles for Hazard-Free Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 1937-1947	4	6
19	Biomimetic and Self-Assembled Nanoclusters Targeting β Catenin for Potent Anticancer Therapy and Enhanced Immunotherapy. <i>Nano Letters</i> , 2019 , 19, 8708-8715	11.5	15
18	Identification of amino acid residues critical for the B cell growth-promoting activity of HIV-1 matrix protein p17 variants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 13-24	4	12
17	Self-Assembled Peptide-Lanthanide Nanoclusters for Safe Tumor Therapy: Overcoming and Utilizing Biological Barriers to Peptide Drug Delivery. <i>ACS Nano</i> , 2018 , 12, 2017-2026	16.7	84
16	ERK-mediated phosphorylation regulates SOX10 sumoylation and targets expression in mutant BRAF melanoma. <i>Nature Communications</i> , 2018 , 9, 28	17.4	43
15	Lanthanide-doped nanoparticles conjugated with an anti-CD33 antibody and a p53-activating peptide for acute myeloid leukemia therapy. <i>Biomaterials</i> , 2018 , 167, 132-142	15.6	37
14	Awakening p53 by D-peptides-functionalized ultra-small nanoparticles: Overcoming biological barriers to D-peptide drug delivery. <i>Theranostics</i> , 2018 , 8, 5320-5335	12.1	22
13	Peptide-Induced Self-Assembly of Therapeutics into a Well-Defined Nanoshell with Tumor-Triggered Shape and Charge Switch. <i>Chemistry of Materials</i> , 2018 , 30, 7034-7046	9.6	23
12	Turning a Luffa Protein into a Self-Assembled Biodegradable Nanoplatform for Multitargeted Cancer Therapy. <i>ACS Nano</i> , 2018 , 12, 11664-11677	16.7	28
11	Human Enteric β Defensin 5 Promotes Shigella Infection by Enhancing Bacterial Adhesion and Invasion. <i>Immunity</i> , 2018 , 48, 1233-1244.e6	32.3	34
10	Synthetic β Defensin Antibacterial Peptide as a Highly Efficient Nonviral Vector for Redox-Responsive miRNA Delivery. <i>Advanced Biology</i> , 2017 , 1, e1700001	3.5	13
9	N-Terminal Acetylation Preserves β Synuclein from Oligomerization by Blocking Intermolecular Hydrogen Bonds. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 2145-2151	5.7	34
8	Crystal structure of master biofilm regulator CsgD regulatory domain reveals an atypical receiver domain. <i>Protein Science</i> , 2017 , 26, 2073-2082	6.3	6
7	A single amino acid substitution confers B-cell clonogenic activity to the HIV-1 matrix protein p17. <i>Scientific Reports</i> , 2017 , 7, 6555	4.9	11

6	Arginine-modified dual emission photoluminescent nanocrystals for bioimaging at subcellular resolution. <i>Journal of Biomaterials Applications</i> , 2017 , 32, 533-542	2.9	7
5	F-103 A conformational switch that turns on the B cell growth- promoting activity of the HIV-1 matrix protein p17. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 71, 61	3.1	3
4	Simultaneously targeted imaging cytoplasm and nucleus in living cell by biomolecules capped ultra-small GdOF nanocrystals. <i>Biomaterials</i> , 2015 , 59, 21-9	15.6	23
3	Role of HIV-1 matrix protein p17 variants in lymphoma pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14331-6	11.5	45
2	Photocatalytic and antibacterial properties of Au-TiO ₂ nanocomposite on monolayer graphene: From experiment to theory. <i>Journal of Applied Physics</i> , 2013 , 114, 204701	2.5	34
1	Effects of high-intensity training and resumed training on macroelement and microelement of elite basketball athletes. <i>Biological Trace Element Research</i> , 2012 , 149, 148-54	4.5	9