

Lei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

576
citations

687363

13
h-index

642732

23
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28
all docs

28
docs citations

28
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-solvatochromic and highly emissive twisted Dâ€™A structure with intramolecular hydrogen bond. <i>Materials Chemistry Frontiers</i> , 2022, 6, 512-518.	5.9	4
2	Ca ²⁺ accelerates peptide fibrillogenesis via a heterogeneous secondary nucleation pathway. <i>Nanoscale</i> , 2022, , .	5.6	2
3	Selenopeptide Nanomedicine Activates Natural Killer Cells for Enhanced Tumor Chemoimmunotherapy. <i>Advanced Materials</i> , 2022, 34, e2108167.	21.0	32
4	Biomimetic peptide nanoparticles participate in natural coagulation for hemostasis and wound healing. <i>Biomaterials Science</i> , 2022, 10, 2628-2637.	5.4	4
5	Photoinduced Single-Crystal to Single-Crystal Transformation via Conformational Change with Turn-On Fluorescence. <i>Crystal Growth and Design</i> , 2022, 22, 2082-2086.	3.0	5
6	Self-assembly and cellular distribution of a series of transformable peptides. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3886-3894.	5.8	1
7	Smart Peptide Defense Web In Situ Connects for Continuous Interception of IgE against Allergic Rhinitis. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29639-29649.	8.0	2
8	Instant hydrogelation encapsulates drugs onto implants intraoperatively against osteoarticular tuberculosis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8056-8066.	5.8	1
9	A Monotargeting Peptidic Network Antibody Inhibits More Receptors for Anti-Angiogenesis. <i>ACS Nano</i> , 2021, 15, 13065-13076.	14.6	13
10	Rapid discovery of self-assembling peptides with one-bead one-compound peptide library. <i>Nature Communications</i> , 2021, 12, 4494.	12.8	23
11	Binding-Induced Fibrillogenesis Peptides Recognize and Block Intracellular Vimentin Skeletonization against Breast Cancer. <i>Nano Letters</i> , 2021, 21, 6202-6210.	9.1	21
12	An antibody-like peptidic network for anti-angiogenesis. <i>Biomaterials</i> , 2021, 275, 120900.	11.4	6
13	Two-photon excited peptide nanodrugs for precise photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 2245-2248.	4.1	11
14	Remotely Controlling Drug Release by Light-Responsive Cholesteric Liquid Crystal Microcapsules Triggered by Molecular Motors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59221-59230.	8.0	13
15	A biomimetic peptide recognizes and traps bacteria in vivo as human defensin-6. <i>Science Advances</i> , 2020, 6, eaaz4767.	10.3	75
16	A biomimetic platelet based on assembling peptides initiates artificial coagulation. <i>Science Advances</i> , 2020, 6, eaaz4107.	10.3	56
17	Transformable peptide nanoparticles arrest HER2 signalling and cause cancer cell death in vivo. <i>Nature Nanotechnology</i> , 2020, 15, 145-153.	31.5	159
18	A self-assembling peptide targeting VEGF receptors to inhibit angiogenesis. <i>Chinese Chemical Letters</i> , 2020, 31, 3153-3157.	9.0	22

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19	In situ construction of ligand nano-network to integrin $\alpha_3\beta_1$ for angiogenesis inhibition. Chinese Chemical Letters, 2020, 31, 3107-3112.	9.0	14
20	An intelligent vancomycin release system for preventing surgical site infections of bone tissues. Biomaterials Science, 2020, 8, 3202-3211.	5.4	19
21	Transformable peptide nanoparticles inhibit the migration of N-cadherin overexpressed cancer cells. Chinese Chemical Letters, 2020, 31, 1787-1791.	9.0	15
22	Enhanced type I photoreaction of indocyanine green via electrostatic-force-driven aggregation. Nanoscale, 2020, 12, 9517-9523.	5.6	21
23	Supramolecular conducting microfibers from amphiphilic tetrathiafulvalene-based organogelator. Chinese Chemical Letters, 2019, 30, 123-126.	9.0	5
24	KLVFF peptide functionalized nanoparticles capture $A\beta_{42}$ by co-assembly for decreasing cytotoxicity. Chinese Chemical Letters, 2018, 29, 1811-1814.	9.0	26
25	In situ construction of nanonetworks from transformable nanoparticles for anti-angiogenic therapy. Journal of Materials Chemistry B, 2018, 6, 5282-5289.	5.8	5
26	Cyclodextrin-containing hydrogels as an intraocular lens for sustained drug release. PLoS ONE, 2017, 12, e0189778.	2.5	20