

Xiaojun Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,171
citations

840119

11
h-index

887659

17
g-index

21
all docs

21
docs citations

21
times ranked

1793
citing authors

#	ARTICLE	IF	CITATIONS
1	Designer self-assembling peptide nanofiber scaffolds for 3D tissue cell cultures. <i>Seminars in Cancer Biology</i> , 2005, 15, 413-420.	4.3	335
2	Molecular designer self-assembling peptides. <i>Chemical Society Reviews</i> , 2006, 35, 1105.	18.7	250
3	Designer Self-Assembling Peptide Materials. <i>Macromolecular Bioscience</i> , 2007, 7, 13-22.	2.1	160
4	A 3D model of ovarian cancer cell lines on peptide nanofiber scaffold to explore the cell–scaffold interaction and chemotherapeutic resistance of anticancer drugs. <i>International Journal of Nanomedicine</i> , 2011, 6, 303.	3.3	82
5	Designer Self-Assembling Peptide Hydrogels to Engineer 3D Cell Microenvironments for Cell Constructs Formation and Precise Oncology Remodeling in Ovarian Cancer. <i>Advanced Science</i> , 2020, 7, 1903718.	5.6	77
6	Amphiphilic peptides as novel nanomaterials: design, self-assembly and application. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5003-5022.	3.3	76
7	Influence of a Self-Assembling Peptide, RADA16, Compared with Collagen I and Matrigel on the Malignant Phenotype of Human Breast Cancer Cells in 3D Cultures and <i>in vivo</i> . <i>Macromolecular Bioscience</i> , 2009, 9, 437-443.	2.1	58
8	Self-Assembling Peptide Nanofibrous Hydrogel on Immediate Hemostasis and Accelerative Osteosis. <i>Biomacromolecules</i> , 2015, 16, 3112-3118.	2.6	43
9	Functionalized self-assembling peptide improves INS-1 β-cell function and proliferation via the integrin/FAK/ERK/cyclin pathway. <i>International Journal of Nanomedicine</i> , 2015, 10, 3519.	3.3	32
10	Molecular Design and Applications of Self-Assembling Surfactant-Like Peptides. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	1.5	23
11	Investigation on structure and properties of a novel designed peptide. <i>Macromolecular Research</i> , 2009, 17, 597-602.	1.0	12
12	A Miniature Cell Pattern Formation of Ovarian Cancer Cell Lines on Self-Assembling Peptide Nanofiber-Coated Coverslip and <i>In Vitro</i> Chemosensitivity Assay. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2370-2378.	0.9	6
13	Application research of a novel designed peptide as a potential carrier. <i>Science in China Series B: Chemistry</i> , 2009, 52, 632-638.	0.8	5
14	Refined Purification of Large Amounts of Rat cvHsp/HspB7 and Partial Biological Characterization <i>In Vitro</i> . <i>Protein and Peptide Letters</i> , 2014, 21, 503-510.	0.4	4
15	FORMATION OF REVERSED MICELLE NANORING BY A DESIGNED SURFACTANT-LIKE PEPTIDE. <i>Nano</i> , 2012, 07, 1250024.	0.5	3
16	Controllable self-patterning behaviours of flexible self-assembling peptide nanofibers. <i>Nanoscale Advances</i> , 2021, 3, 1603-1611.	2.2	3
17	PEPTIDE SELF-ASSEMBLY BIOMATERIALS DESIGN AND APPLICATION. , 2010, , 83-99.		1
18	Fluorescence Studies on a Designed Peptide of REIP as a Potential Hydrophobic Drug Carrier. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 81-86.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Research of mechanical strength enhanced fibrin-PLGA hybrid scaffold with its effect on proliferation of rMSC. E-Polymers, 2010, 10, .	1.3	0