

# Si-Yong Qin

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,842  
citations

361413

20  
h-index

276875

41  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug self-delivery systems for cancer therapy. <i>Biomaterials</i> , 2017, 112, 234-247.	11.4	443
2	Combinational strategy for high-performance cancer chemotherapy. <i>Biomaterials</i> , 2018, 171, 178-197.	11.4	181
3	Recent Advances of Cell Membrane-Coated Nanomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2003559.	14.9	122
4	Switch on/off microcapsules for controllable photosensitive drug release in a "release-cease-recommence" mode. <i>Polymer Chemistry</i> , 2014, 5, 4396.	3.9	106
5	Recent Advances in Targeted Tumor Chemotherapy Based on Smart Nanomedicines. <i>Small</i> , 2018, 14, e1802417.	10.0	98
6	A surface charge-switchable and folate modified system for co-delivery of proapoptosis peptide and p53 plasmid in cancer therapy. <i>Biomaterials</i> , 2016, 77, 149-163.	11.4	86
7	Recent advances in functional mesoporous silica-based nanoplatfoms for combinational photo-chemotherapy of cancer. <i>Biomaterials</i> , 2020, 232, 119738.	11.4	80
8	Theranostic GO-Based Nano hybrid for Tumor Induced Imaging and Potential Combinational Tumor Therapy. <i>Small</i> , 2014, 10, 599-608.	10.0	63
9	Super-pH-Sensitive Mesoporous Silica Nanoparticle-Based Drug Delivery System for Effective Combination Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1878-1886.	5.2	46
10	Fabrication of dual responsive co-delivery system based on three-armed peptides for tumor therapy. <i>Biomaterials</i> , 2016, 92, 25-35.	11.4	44
11	Microstructure-Controllable Graphene Oxide Hydrogel Film Based on a pH-Responsive Graphene Oxide Hydrogel. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2044-2051.	2.2	42
12	Hierarchical self-assembly of a $\beta$ -amyloid peptide derivative. <i>Journal of Materials Chemistry B</i> , 2013, 1, 668-675.	5.8	37
13	Biomedical applications of functional peptides in nano-systems. <i>Materials Today Chemistry</i> , 2018, 9, 91-102.	3.5	37
14	Morphology Transformation via pH-Triggered Self-Assembly of Peptides. <i>Langmuir</i> , 2012, 28, 2083-2090.	3.5	36
15	Acidity-responsive gene delivery for "superfast" nuclear translocation and transfection with high efficiency. <i>Biomaterials</i> , 2016, 83, 79-92.	11.4	35
16	Measurement of Residual Dipolar Couplings of Organic Molecules in Multiple Solvent Systems Using a Liquid-Crystalline-Based Medium. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17097-17103.	13.8	33
17	An innovative pre-targeting strategy for tumor cell specific imaging and therapy. <i>Nanoscale</i> , 2015, 7, 14786-14793.	5.6	27
18	Controllable micro/nanostructures via hierarchical self-assembly of cyclopeptides. <i>Soft Matter</i> , 2011, 7, 8635.	2.7	25

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19	Porphyrinâ€functionalized amphiphilic diblock copolypeptides for photodynamic therapy. Journal of Polymer Science Part A, 2011, 49, 286-292.	2.3	24
20	Musselâ€Inspired Adhesive Polydopamineâ€Functionalized Hyaluronic Acid Hydrogel with Potential Bacterial Inhibition. Global Challenges, 2020, 4, 1900068.	3.6	22
21	Self-defensive nano-assemblies from camptothecin-based antitumor drugs. International Journal of Energy Production and Management, 2015, 2, 159-166.	3.7	21
22	Adjustable nanofibers self-assembled from an irregular conformational peptide amphiphile. Polymer Chemistry, 2015, 6, 519-524.	3.9	21
23	Self-Assembly of Hybridized Peptide Nucleic Acid Amphiphiles. ACS Macro Letters, 2014, 3, 467-471.	4.8	20
24	Supramolecular Architectures Selfâ€assembled from Asymmetrical Hetero Cyclopeptides. Macromolecular Rapid Communications, 2011, 32, 758-764.	3.9	19
25	Directing an oligopeptide amphiphile into an aligned nanofiber matrix for elucidating molecular structures. Chemical Communications, 2019, 55, 1659-1662.	4.1	18
26	Morphology control of self-deliverable nanodrug with enhanced anticancer efficiency. Colloids and Surfaces B: Biointerfaces, 2018, 165, 345-354.	5.0	17
27	High lengthâ€diameter ratio nanotubes self-assembled from a facial cyclopeptide. Soft Matter, 2014, 10, 947.	2.7	14
28	Dualâ€Targeting Photosensitizerâ€Peptide Amphiphile Conjugate for Enzymeâ€Triggered Drug Delivery and Synergistic Chemoâ€Photodynamic Tumor Therapy. Advanced Materials Interfaces, 2020, 7, 2000935.	3.7	14
29	Tailoring CO <sub>2</sub> -Activated Ion Nanochannels Using Macrocyclic Pillararenes. ACS Applied Materials & Interfaces, 2021, 13, 27255-27261.	8.0	14
30	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Liquid Crystal: Access to Create Background-Free and Easy-Made Alignment Medium. ACS Nano, 2022, 16, 5454-5462.	14.6	14
31	Novel oligopeptide nanoprobe for targeted cancer cell imaging. RSC Advances, 2018, 8, 30887-30893.	3.6	10
32	Self-Deliverable Peptide-Mediated and Reactive-Oxygen-Species-Amplified Therapeutic Nanoplatform for Highly Effective Bacterial Inhibition. ACS Applied Materials & Interfaces, 2022, 14, 159-171.	8.0	10
33	Solvent-tailored ordered self-assembly of oligopeptide amphiphiles to create an anisotropic meso-matrix. Chemical Communications, 2021, 57, 6181-6184.	4.1	9
34	A Self-Assembled Nanoindicator from Alizarin Red S-Borono-Peptide for Potential Imaging of Cellular Copper(II) Ions. ACS Biomaterials Science and Engineering, 2021, 7, 3361-3369.	5.2	9
35	A Lyotropic Liquid Crystal from a Flexible Oligopeptide Amphiphile in Dimethyl Sulfoxide. ACS Applied Bio Materials, 2020, 3, 8989-8996.	4.6	9
36	Lyotropic liquid crystal to measure residual dipolar couplings in dimethyl sulfoxide based on modified cellulose nanocrystals. New Journal of Chemistry, 2020, 44, 4262-4265.	2.8	8

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37	Programmable alignment media from self-assembled oligopeptide amphiphiles for the measurement of independent sets of residual dipolar couplings in organic solvents. <i>Chemical Science</i> , 2022, 13, 5838-5845.	7.4	8
38	Construction of poly(dopamine) doped oligopeptide hydrogel. <i>RSC Advances</i> , 2017, 7, 50425-50429.	3.6	7
39	OEI800 polyconjugates linked with ketalized glycolic acid for use as gene vectors. <i>Journal of Materials Chemistry</i> , 2011, 21, 15305.	6.7	6
40	Unsaturation-Dependent Nanostructures Self-Assembled from Oligopeptide Amphiphiles Capable of Generating Singlet Oxygen. <i>ChemNanoMat</i> , 2020, 6, 124-131.	2.8	4
41	Measurement of Residual Dipolar Couplings of Organic Molecules in Multiple Solvent Systems Using a Liquid-Crystalline-Based Medium. <i>Angewandte Chemie</i> , 2020, 132, 17245-17251.	2.0	2
42	A nanodevice with lifetime-improved singlet oxygen for enhanced photodynamic therapy. <i>Chemical Communications</i> , 2022, 58, 6227-6230.	4.1	1
43	Biomaterials: Dual-Targeting Photosensitizer-Peptide Amphiphile Conjugate for Enzyme-Triggered Drug Delivery and Synergistic Chemo-Photodynamic Tumor Therapy ( <i>Adv. Mater. Interfaces</i> 19/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070108.	3.7	0