

Hao Su

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,366
citations

186265
28
h-index

214800
47
g-index

49
all docs

49
docs citations

49
times ranked

2923
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptideâ€“drug conjugates as effective prodrug strategies for targeted delivery. <i>Advanced Drug Delivery Reviews</i> , 2017, 110-111, 112-126.	13.7	366
2	Tumour sensitization via the extended intratumoural release of a STING agonist and camptothecin from a self-assembled hydrogel. <i>Nature Biomedical Engineering</i> , 2020, 4, 1090-1101.	22.5	168
3	One-component nanomedicine. <i>Journal of Controlled Release</i> , 2015, 219, 383-395.	9.9	122
4	Giant gemini surfactants based on polystyreneâ€“hydrophilic polyhedral oligomeric silsesquioxane shape amphiphiles: sequential â€œclickâ€“chemistry and solution self-assembly. <i>Chemical Science</i> , 2013, 4, 1345.	7.4	111
5	Supramolecular prodrug hydrogelator as an immune booster for checkpoint blockerâ€“based immunotherapy. <i>Science Advances</i> , 2020, 6, eaaz8985.	10.3	93
6	Drying Affects the Fiber Network in Low Molecular Weight Hydrogels. <i>Biomacromolecules</i> , 2017, 18, 3531-3540.	5.4	92
7	Toward Controlled Hierarchical Heterogeneities in Giant Molecules with Precisely Arranged Nano Building Blocks. <i>ACS Central Science</i> , 2016, 2, 48-54.	11.3	76
8	Opening a Can of Worm(â€“like Micelle)s: The Effect of Temperature of Solutions of Functionalized Dipeptides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10467-10470.	13.8	62
9	Tuning â€œthiol-eneâ€“reactions toward controlled symmetry breaking in polyhedral oligomeric silsesquioxanes. <i>Chemical Science</i> , 2014, 5, 1046-1053.	7.4	61
10	Paclitaxel-Promoted Supramolecular Polymerization of Peptide Conjugates. <i>Journal of the American Chemical Society</i> , 2019, 141, 11997-12004.	13.7	61
11	Fine-Tuning the Linear Release Rate of Paclitaxel-Bearing Supramolecular Filament Hydrogels through Molecular Engineering. <i>ACS Nano</i> , 2019, 13, 7780-7790.	14.6	60
12	The role of critical micellization concentration in efficacy and toxicity of supramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4518-4526.	7.1	58
13	Largely enhanced crystallization of semi-crystalline polymer on the surface of glass fiber by using graphene oxide as a modifier. <i>Polymer</i> , 2013, 54, 303-309.	3.8	57
14	Supramolecular Crafting of Self-Assembling Camptothecin Prodrugs with Enhanced Efficacy against Primary Cancer Cells. <i>Theranostics</i> , 2016, 6, 1065-1074.	10.0	56
15	Supramolecular Tubustecan Hydrogel as Chemotherapeutic Carrier to Improve Tumor Penetration and Local Treatment Efficacy. <i>ACS Nano</i> , 2020, 14, 10083-10094.	14.6	55
16	Self-assembling and self-formulating prodrug hydrogelator extends survival in a glioblastoma resection and recurrence model. <i>Journal of Controlled Release</i> , 2020, 319, 311-321.	9.9	53
17	Sequential Triple â€œClickâ€“Approach toward Polyhedral Oligomeric Silsesquioxane-Based Multiheaded and Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 645-650.	4.8	52
18	A Noncrystallization Approach toward Uniform Thylakoids-like 2D â€œNano-coinsâ€“and Their Grana-like 3D Suprastructures. <i>Journal of the American Chemical Society</i> , 2017, 139, 5883-5889.	13.7	52

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19	Synergistic antitumor activity of a self-assembling camptothecin and capecitabine hybrid prodrug for improved efficacy. <i>Journal of Controlled Release</i> , 2017, 263, 102-111.	9.9	51
20	Using Small-Angle Scattering and Contrast Matching to Understand Molecular Packing in Low Molecular Weight Gels. <i>Matter</i> , 2020, 2, 764-778.	10.0	49
21	High-rate partial-nitritation and efficient nitrifying bacteria enrichment/out-selection via pH-DO controls: Efficiency, kinetics, and microbial community dynamics. <i>Science of the Total Environment</i> , 2019, 692, 741-755.	8.0	48
22	Macrocyclization of a Class of Camptothecin Analogues into Tubular Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2019, 141, 17107-17111.	13.7	42
23	Cascading One-Pot Synthesis of Single-Tailed and Asymmetric Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 1026-1032.	4.8	41
24	Using chirality to influence supramolecular gelation. <i>Chemical Science</i> , 2019, 10, 7801-7806.	7.4	40
25	Macromolecular structure evolution toward giant molecules of complex structure: tandem synthesis of asymmetric giant gemini surfactants. <i>Polymer Chemistry</i> , 2014, 5, 3697.	3.9	36
26	Thiol-Michael "click" chemistry: another efficient tool for head functionalization of giant surfactants. <i>Polymer Chemistry</i> , 2014, 5, 6151-6162.	3.9	33
27	Adaptation, restoration and collapse of anammox process to La(III) stress: Performance, microbial community, metabolic function and network analysis. <i>Bioresource Technology</i> , 2021, 325, 124731.	9.6	31
28	Unraveling the Complexity of Supramolecular Copolymerization Dictated by Triazine-Benzene Interactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 17128-17135.	13.7	30
29	T ₁₀ Polyhedral Oligomeric Silsesquioxane-Based Shape Amphiphiles with Diverse Head Functionalities via "Click" Chemistry. <i>ACS Macro Letters</i> , 2014, 3, 900-905.	4.8	28
30	Effects of heavy rare earth element (yttrium) on partial-nitritation process, bacterial activity and structure of responsible microbial communities. <i>Science of the Total Environment</i> , 2020, 705, 135797.	8.0	27
31	Nitrogen removal from landfill leachate by single-stage anammox and partial-nitritation process: effects of microaerobic condition on performance and microbial activities. <i>Journal of Water Process Engineering</i> , 2020, 38, 101572.	5.6	25
32	State of the Art and Future Opportunities in MRI-Guided Robot-Assisted Surgery and Interventions. <i>Proceedings of the IEEE</i> , 2022, 110, 968-992.	21.3	23
33	Modeling and Stiffness-Based Continuous Torque Control of Lightweight Quasi-Direct-Drive Knee Exoskeletons for Versatile Walking Assistance. <i>IEEE Transactions on Robotics</i> , 2022, 38, 1442-1459.	10.3	23
34	Wearable Knee Assistive Devices for Kneeling Tasks in Construction. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 1989-1996.	5.8	22
35	Interface-Enrichment-Induced Instability and Drug-Loading-Enhanced Stability in Inhalable Delivery of Supramolecular Filaments. <i>ACS Nano</i> , 2019, 13, 12957-12968.	14.6	21
36	Unraveling the effects of light rare-earth element (Lanthanum (III)) on the efficacy of partial-nitritation process and its responsible functional genera. <i>Chemical Engineering Journal</i> , 2021, 408, 127311.	12.7	20

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37	Precision synthesis of macrocyclic giant surfactants tethered with two different polyhedral oligomeric silsesquioxanes at distinct ring locations via four consecutive "click" reactions. <i>Polymer Chemistry</i> , 2015, 6, 827-837.	3.9	19
38	Sequence isomeric giant surfactants with distinct self-assembly behaviors in solution. <i>Chemical Communications</i> , 2019, 55, 636-639.	4.1	18
39	Transparent-to-dark photo- and electrochromic gels. <i>Communications Chemistry</i> , 2018, 1, .	4.5	17
40	Accelerated start-up, long-term performance and microbial community shifts within a novel upflow porous-plated anaerobic reactor treating nitrogen-rich wastewater via ANAMMOX process. <i>RSC Advances</i> , 2019, 9, 26263-26275.	3.6	16
41	Theranostic supramolecular polymers formed by the self-assembly of a metal-chelating prodrug. <i>Biomaterials Science</i> , 2021, 9, 463-470.	5.4	10
42	Adaptable antibody Nanoworms designed for non-Hodgkin lymphoma. <i>Biomaterials</i> , 2020, 262, 120338.	11.4	9
43	Exploring potential impact(s) of cerium in mining wastewater on the performance of partial-nitrification process and nitrogen conversion microflora. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111796.	6.0	9
44	Recent progress in exploiting small molecule peptides as supramolecular hydrogelators. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 1194-1211.	3.8	7
45	Enhanced removal of refractory pollutant from aniline aerofloat wastewater using combined vacuum ultraviolet and ozone (VUV/O ₃) process. <i>Water Science and Technology</i> , 2019, 80, 2250-2259.	2.5	7
46	Response of hydrolysis, methanogenesis, and microbial community structure to iron dose during anaerobic digestion of food waste leachate. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5959-5973.	4.6	6
47	Age-Dependent Upper Limb Myoelectric Control Capability in Typically Developing Children. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1009-1018.	4.9	2
48	A Center of Mass Estimation and Control Strategy for Body-Weight-Support Treadmill Training. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 2388-2398.	4.9	1
49	Synthesis of Mikto-Arm Star Peptide Conjugates. <i>Methods in Molecular Biology</i> , 2018, 1777, 193-207.	0.9	0