Xibo Yan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1543501/publications.pdf

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32	923	567281	454955
papers	citations	15	30
		h-index	g-index

34	34	34	1207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoactivated Organic Nanomachines for Programmable Enhancement of Antitumor Efficacy. Small, 2022, 18, e2201525.	10.0	11
2	All poly(ionic liquid) block copolymer nanoparticles from antagonistic isomeric macromolecular blocks via aqueous RAFT polymerization-induced self-assembly. Polymer Chemistry, 2021, 12, 82-91.	3.9	12
3	Nanocapsules Produced by Nanoprecipitation of Designed Suckerin-Silk Fusion Proteins. ACS Macro Letters, 2021, 10, 628-634.	4.8	10
4	Nanoprecipitation as a simple and straightforward process to create complex polymeric colloidal morphologies. Advances in Colloid and Interface Science, 2021, 294, 102474.	14.7	55
5	â€˜Sweet as a Nutâ€™: Production and use of nanocapsules made of glycopolymer or polysaccharide shell. Progress in Polymer Science, 2021, 120, 101429.	24.7	16
6	The effects of quorum sensing molecule farnesol on the yield and activity of extracellular polysaccharide from Grifola frondosa in liquid fermentation. International Journal of Biological Macromolecules, 2021, 191, 377-384.	7.5	12
7	Visible-Light-Driven Multichannel Regulation of Local Electron Density to Accelerate Activation of Oâ€“H and Bâ€“H Bonds for Ammonia Borane Hydrolysis. ACS Catalysis, 2020, 10, 14903-14915.	11.2	53
8	Functional Hybrid Glyconanocapsules by a One-Pot Nanoprecipitation Process. Biomacromolecules, 2020, 21, 4591-4598.	5.4	8
9	Investigation of dietary fructooligosaccharides from different production methods: Interpreting the impact of compositions on probiotic metabolism and growth. Journal of Functional Foods, 2020, 69, 103955.	3.4	16
10	Frontispiz: The Interplay between Structure and Product Selectivity of CO2 Hydrogenation. Angewandte Chemie, 2019, 131, .	2.0	0
11	Frontispiece: The Interplay between Structure and Product Selectivity of CO2 Hydrogenation. Angewandte Chemie - International Edition, 2019, 58, .	13.8	1
12	Programmable Hierarchical Construction of Mixed/Multilayered Polysaccharide Nanocapsules through Simultaneous/Sequential Nanoprecipitation Steps. Biomacromolecules, 2019, 20, 3915-3923.	5.4	18
13	The Interplay between Structure and Product Selectivity of CO₂ Hydrogenation. Angewandte Chemie, 2019, 131, 11364-11369.	2.0	55
14	The Interplay between Structure and Product Selectivity of CO₂ Hydrogenation. Angewandte Chemie - International Edition, 2019, 58, 11242-11247.	13.8	84
15	Titelbild: Activation and Spillover of Hydrogen on Subâ€1â€…nm Palladium Nanoclusters Confined within Sodalite Zeolite for the Semiâ€Hydrogenation of Alkynes (Angew. Chem. 23/2019). Angewandte Chemie, 2019, 131, 7577-7577.	2.0	0
16	Activation and Spillover of Hydrogen on Subâ€1â€…nm Palladium Nanoclusters Confined within Sodalite Zeolite for the Semiâ€Hydrogenation of Alkynes. Angewandte Chemie, 2019, 131, 7750-7754.	2.0	16
17	Activation and Spillover of Hydrogen on Subâ€1â€…nm Palladium Nanoclusters Confined within Sodalite Zeolite for the Semiâ€Hydrogenation of Alkynes. Angewandte Chemie - International Edition, 2019, 58, 7668-7672.	13.8	123
18	Heptyl mannose decorated glyconanoparticles with tunable morphologies through polymerization induced self-assembly. Synthesis, functionalization and interactions with type 1 piliated E. coli. European Polymer Journal, 2019, 112, 170-175.	5.4	10

#	ARTICLE	IF	CITATIONS
19	Multivalent Thiosialosides and Their Synergistic Interaction with Pathogenic Sialidases. Chemistry - A European Journal, 2019, 25, 2358-2365.	3.3	15
20	Central Role of Bicarbonate Anions in Charging Water/Hydrophobic Interfaces. Journal of Physical Chemistry Letters, 2018, 9, 96-103.	4.6	45
21	Freeze/Thaw-Induced Carbon Dioxide Trapping Promotes Emulsification of Oil in Water. Journal of Physical Chemistry Letters, 2018, 9, 5998-6002.	4.6	3
22	General and Scalable Approach to Bright, Stable, and Functional AIE Fluorogen Colloidal Nanocrystals for in Vivo Imaging. ACS Applied Materials & Interfaces, 2018, 10, 25154-25165.	8.0	35
23	Nanoprecipitation of PHPMA (Co)Polymers into Nanocapsules Displaying Tunable Compositions, Dimensions, and Surface Properties. ACS Macro Letters, 2017, 6, 447-451.	4.8	13
24	Modular construction of single-component polymer nanocapsules through a one-step surfactant-free microemulsion templated synthesis. Chemical Communications, 2017, 53, 1401-1404.	4.1	27
25	Magnetic Nanoparticles Coated with Thiomannosides or Iminosugars to Switch and Recycle Galactosidase Activity. ChemistrySelect, 2017, 2, 9552-9556.	1.5	9
26	A library of heptyl mannose-functionalized copolymers with distinct compositions, microstructures and neighboring non-sugar motifs as potent antiadhesives of type 1 piliated E. coli. Polymer Chemistry, 2016, 7, 2674-2683.	3.9	11
27	Glycopolymers as Antiadhesives of E. coli Strains Inducing Inflammatory Bowel Diseases. Biomacromolecules, 2015, 16, 1827-1836.	5.4	58
28	Development of Heptylmannoside-Based Glycoconjugate Antiadhesive Compounds against Adherent-Invasive Escherichia coli Bacteria Associated with Crohn's Disease. MBio, 2015, 6, e01298-15.	4.1	56
29	Brilliant glyconanocapsules for trapping of bacteria. Chemical Communications, 2015, 51, 13193-13196.	4.1	16
30	Aqueous RAFT Polymerization of Imidazolium-Type Ionic Liquid Monomers: En Route to Poly(ionic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2015, 4, 1008-1011.	4.8	59
31	Simple but Precise Engineering of Functional Nanocapsules through Nanoprecipitation. Angewandte Chemie - International Edition, 2014, 53, 6910-6913.	13.8	52
32	Amphiphilic polyethylenimine (PEI) as highly efficient non-viral gene carrier. Organic and Biomolecular Chemistry, 2014, 12, 1975.	2.8	9