

Chenyang Zhang

List of Publications by Year in descending order

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21
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687363

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784
citing authors

#	ARTICLE	IF	CITATIONS
1	Unimolecular Transmembrane Na ⁺ Channels Constructed by Pore-Forming Helical Polymers with a 2.3 Å... Aperture. <i>CCS Chemistry</i> , 2022, 4, 1850-1857.	7.8	5
2	Supramolecular 2D monolayered nanosheets constructed by using synergy of non-covalent interactions. <i>Chemical Communications</i> , 2021, 57, 6272-6275.	4.1	6
3	Anion Transmembrane Nanochannels from Pore-Forming Helices Constructed by the Dynamic Covalent Reaction of Dihydrazide and Dialdehyde Units. <i>ChemPlusChem</i> , 2021, 86, 492-495.	2.8	6
4	Foldamer-Based Potassium Channels with High Ion Selectivity and Transport Activity. <i>Journal of the American Chemical Society</i> , 2021, 143, 3284-3288.	13.7	52
5	Controlling Keto-Enol Tautomerism of Ureidopyrimidinone to Generate a Single-Quadruple AADD-DDAA Dimeric Array. <i>Organic Letters</i> , 2020, 22, 7305-7309.	4.6	6
6	Hybrid Helical Polymer Nanochannels Constructed by Combining Aromatic Amide and Pyridine-Oxadiazole Structural Sequences. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000099.	3.9	2
7	Highly Efficient Exclusion of Alkali Metal Ions via Electrostatic Repulsion Inside Positively Charged Channels. <i>Nano Letters</i> , 2020, 20, 3627-3632.	9.1	20
8	Helical supramolecular polymer nanotubes with wide lumen for glucose transport: towards the development of functional membrane-spanning channels. <i>Chemical Science</i> , 2019, 10, 8648-8653.	7.4	20
9	A Switchable Helical Capsule for Encapsulation and Release of Potassium Ion. <i>Journal of Organic Chemistry</i> , 2018, 83, 1898-1902.	3.2	18
10	A folding-directed catalytic microenvironment in helical dynamic covalent polymers formed by spontaneous configuration control. <i>Polymer Chemistry</i> , 2017, 8, 1294-1297.	3.9	7
11	Highly Selective Artificial Potassium Ion Channels Constructed from Pore-Containing Helical Oligomers. <i>Angewandte Chemie</i> , 2017, 129, 12842-12845.	2.0	33
12	Highly Selective Artificial Potassium Ion Channels Constructed from Pore-Containing Helical Oligomers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12668-12671.	13.8	68
13	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9723-9727.	13.8	78
14	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. <i>Angewandte Chemie</i> , 2016, 128, 9875-9879.	2.0	20
15	Multiferroicity in SmFeO ₃ synthesized by hydrothermal method. <i>Journal of Alloys and Compounds</i> , 2016, 665, 152-157.	5.5	65
16	Reply to "Comment on "Low-Temperature Phase Transition in AgNbO ₃ ". <i>Journal of the American Ceramic Society</i> , 2015, 98, 1042-1042.	3.8	1
17	Low-Temperature Phase Transition in AgNbO ₃ . <i>Journal of the American Ceramic Society</i> , 2014, 97, 1895-1898.	3.8	16
18	Hydrothermal synthesis and multiferroic properties of Y ₂ NiMnO ₆ . <i>RSC Advances</i> , 2014, 4, 50969-50974.	3.6	17

#	ARTICLE	IF	CITATIONS
19	The multiferroic perovskite YFeO ₃ . Applied Physics Letters, 2013, 102, .	3.3	156
20	Hydrothermal Syntheses and Structural Phase Transitions of AgNbO_3 . Journal of the American Ceramic Society, 2012, 95, 3673-3677.	3.8	32
21	Responsive Polymers with Contraction-arisen Helicity and Biomimetic Membrane-spanning Transport Functions. Chemical Research in Chinese Universities, 0, , 1.	2.6	1