

Chenyang Zhang

List of Publications by Year in descending order

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papers

629
citations

687363

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21
all docs

21
docs citations

21
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	The multiferroic perovskite YFeO ₃ . Applied Physics Letters, 2013, 102, .	3.3	156
2	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. Angewandte Chemie - International Edition, 2016, 55, 9723-9727.	13.8	78
3	Highly Selective Artificial Potassium Ion Channels Constructed from Pore-Containing Helical Oligomers. Angewandte Chemie - International Edition, 2017, 56, 12668-12671.	13.8	68
4	Multiferroicity in SmFeO ₃ synthesized by hydrothermal method. Journal of Alloys and Compounds, 2016, 665, 152-157.	5.5	65
5	Foldamer-Based Potassium Channels with High Ion Selectivity and Transport Activity. Journal of the American Chemical Society, 2021, 143, 3284-3288.	13.7	52
6	Highly Selective Artificial Potassium Ion Channels Constructed from Pore-Containing Helical Oligomers. Angewandte Chemie, 2017, 129, 12842-12845.	2.0	33
7	Hydrothermal Syntheses and Structural Phase Transitions of $\langle \text{scp} \rangle \langle \text{scp} \rangle \text{AgNbO} \langle / \text{scp} \rangle \langle / \text{scp} \rangle \langle \text{sub} \rangle 3 \langle / \text{sub} \rangle$. Journal of the American Ceramic Society, 2012, 95, 3673-3677.	3.8	32
8	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. Angewandte Chemie, 2016, 128, 9875-9879.	2.0	20
9	Helical supramolecular polymer nanotubes with wide lumen for glucose transport: towards the development of functional membrane-spanning channels. Chemical Science, 2019, 10, 8648-8653.	7.4	20
10	Highly Efficient Exclusion of Alkali Metal Ions via Electrostatic Repulsion Inside Positively Charged Channels. Nano Letters, 2020, 20, 3627-3632.	9.1	20
11	A Switchable Helical Capsule for Encapsulation and Release of Potassium Ion. Journal of Organic Chemistry, 2018, 83, 1898-1902.	3.2	18
12	Hydrothermal synthesis and multiferroic properties of Y ₂ NiMnO ₆ . RSC Advances, 2014, 4, 50969-50974.	3.6	17
13	Low-temperature Phase Transition in $\langle \text{scp} \rangle \langle \text{scp} \rangle \text{AgNbO} \langle / \text{scp} \rangle \langle / \text{scp} \rangle \langle \text{sub} \rangle 3 \langle / \text{sub} \rangle$. Journal of the American Ceramic Society, 2014, 97, 1895-1898.	3.8	16
14	A folding-directed catalytic microenvironment in helical dynamic covalent polymers formed by spontaneous configuration control. Polymer Chemistry, 2017, 8, 1294-1297.	3.9	7
15	Controlling Keto-Enol Tautomerism of Ureidopyrimidinone to Generate a Single-Quadruple AADD-DDAA Dimeric Array. Organic Letters, 2020, 22, 7305-7309.	4.6	6
16	Supramolecular 2D monolayered nanosheets constructed by using synergy of non-covalent interactions. Chemical Communications, 2021, 57, 6272-6275.	4.1	6
17	Anion Transmembrane Nanochannels from Pore-Forming Helices Constructed by the Dynamic Covalent Reaction of Dihydrazone and Dialdehyde Units. ChemPlusChem, 2021, 86, 492-495.	2.8	6
18	Unimolecular Transmembrane Na ⁺ Channels Constructed by Pore-Forming Helical Polymers with a 2.3 Å... Aperture. CCS Chemistry, 2022, 4, 1850-1857.	7.8	5

#	ARTICLE	IF	CITATIONS
19	Hybrid Helical Polymer Nanochannels Constructed by Combining Aromatic Amide and Pyridineâ€Oxadiazole Structural Sequences. <i>Macromolecular Rapid Communications</i> , 2020, 41, 2000099.	3.9	2
20	Reply to â€œComment on â€Lowâ€Temperature Phase Transition in AgNbO ₃ â€™â€• <i>Journal of the American Ceramic Society</i> , 2015, 98, 1042-1042.	3.8	1
21	Responsive Polymers with Contraction-arisen Helicity and Biomimetic Membrane-spanning Transport Functions. <i>Chemical Research in Chinese Universities</i> , 0, , 1.	2.6	1