

Alexey B Mantsozov

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

317
citations

1040056

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1058476

14
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all docs

16
docs citations

16
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay of histidine residues of the Alzheimer's disease A β peptide governs its Zn-induced oligomerization. <i>Scientific Reports</i> , 2016, 6, 21734.	3.3	81
2	NMR Solution Structure of Rat A β (1-16): Toward Understanding the Mechanism of Rats' Resistance to Alzheimer's Disease. <i>Biophysical Journal</i> , 2012, 102, 136-143.	0.5	56
3	MERA: a webserver for evaluating backbone torsion angle distributions in dynamic and disordered proteins from NMR data. <i>Journal of Biomolecular NMR</i> , 2015, 63, 85-95.	2.8	40
4	Zinc-induced heterodimer formation between metal-binding domains of intact and naturally modified amyloid-beta species: implication to amyloid seeding in Alzheimer's disease?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 2317-2326.	3.5	28
5	A Binuclear Zinc Interaction Fold Discovered in the Homodimer of Alzheimer's Amyloid β Fragment with Taiwanese Mutation D7H. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11734-11739.	13.8	25
6	Structure and function of the N-terminal domain of the yeast telomerase reverse transcriptase. <i>Nucleic Acids Research</i> , 2018, 46, 1525-1540.	14.5	19
7	NMR solution structure and function of the C-terminal domain of eukaryotic class I polypeptide chain release factor. <i>FEBS Journal</i> , 2010, 277, 2611-2627.	4.7	18
8	N-domain of angiotensin-converting enzyme hydrolyzes human and rat amyloid β (1-16) peptides as arginine specific endopeptidase potentially enhancing risk of Alzheimer's disease. <i>Scientific Reports</i> , 2018, 8, 298.	3.3	12
9	Heparin Modulates the Kinetics of Zinc-Induced Aggregation of Amyloid β Peptides. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 539-550.	2.6	10
10	Control of Azomethine Cycloaddition Stereochemistry by CF ₃ Group: Structural Diversity of Fluorinated β -Proline Dimers. <i>Organic Letters</i> , 2016, 18, 4698-4701.	4.6	8
11	Theoretical and NMR Conformational Studies of β -Proline Oligopeptides With Alternating Chirality of Pyrrolidine Units. <i>Frontiers in Chemistry</i> , 2018, 6, 91.	3.6	8
12	NMR assignments of the C-terminal domain of human polypeptide release factor eRF1. <i>Biomolecular NMR Assignments</i> , 2007, 1, 183-185.	0.8	6
13	A Binuclear Zinc Interaction Fold Discovered in the Homodimer of Alzheimer's Amyloid β Fragment with Taiwanese Mutation D7H. <i>Angewandte Chemie</i> , 2017, 129, 11896-11901.	2.0	5
14	Interplay of Pyrrolidine Units with Homo/Hetero Chirality and CF ₃ -Aryl Substituents on Secondary Structures of β -Proline Tripeptides in Solution. <i>Journal of Organic Chemistry</i> , 2020, 85, 8865-8871.	3.2	1
15	Frontispiece: A Binuclear Zinc Interaction Fold Discovered in the Homodimer of Alzheimer's Amyloid β Fragment with Taiwanese Mutation D7H. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	13.8	0
16	Frontispiz: A Binuclear Zinc Interaction Fold Discovered in the Homodimer of Alzheimer's Amyloid β Fragment with Taiwanese Mutation D7H. <i>Angewandte Chemie</i> , 2017, 129, .	2.0	0