

Carl Mensch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8630672/publications.pdf>

Version: 2024-02-01

20
papers

518
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Nickel-Catalyzed Hydrodeacetoxylation of Aryl Acetates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	5
2	Synthesis of Heterocycles <i>via</i> Aerobic Ni-Catalyzed Imidoxylation of Aromatic 1,2-Bis-nucleophiles with Isocyanides. <i>ACS Catalysis</i> , 2022, 12, 6857-6873.	11.2	5
3	1,3,7-Triazapyrene-Based <i>ortho</i> -Carborane Fluorophores: Convenient Synthesis, Theoretical Studies, and Aggregation-Induced Emission Properties. <i>Organometallics</i> , 2021, 40, 2792-2807.	2.3	6
4	Metal ions shape α -synuclein. <i>Scientific Reports</i> , 2020, 10, 16293.	3.3	55
5	Solution Structure of Mannobioses Unravalled by Means of Raman Optical Activity. <i>ChemPhysChem</i> , 2019, 20, 695-705.	2.1	16
6	The effect of protein backbone hydration on the amide vibrations in Raman and Raman optical activity spectra. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1988-2005.	2.8	18
7	Carbamate Synthesis Using a Shelf-Stable and Renewable C_{10} Reactant. <i>ChemSusChem</i> , 2019, 12, 3103-3114.	6.8	16
8	The Influence of the Amino Acid Side Chains on the Raman Optical Activity Spectra of Proteins. <i>ChemPhysChem</i> , 2019, 20, 5-5.	2.1	2
9	The Influence of the Amino Acid Side Chains on the Raman Optical Activity Spectra of Proteins. <i>ChemPhysChem</i> , 2019, 20, 42-54.	2.1	11
10	Zn-Catalyzed <i>tert</i> -Butyl Nicotinate-Directed Amide Cleavage as a Biomimic of Metallo-Exopeptidase Activity. <i>ACS Catalysis</i> , 2018, 8, 203-218.	11.2	67
11	Conformational Disorder and Dynamics of Proteins Sensed by Raman Optical Activity. <i>ACS Omega</i> , 2018, 3, 12944-12955.	3.5	11
12	Is Raman Optical Activity Spectroscopy Sensitive to α -Turns in Proteins? Secondary Structure and Side-Chain Dependence. <i>ChemPhysChem</i> , 2018, 19, 3134-3143.	2.1	12
13	The effect of reactive oxygen and nitrogen species on the structure of cytoglobin: A potential tumor suppressor. <i>Redox Biology</i> , 2018, 19, 1-10.	9.0	31
14	Raman optical activity of human α -synuclein in intrinsically disordered, micelle-bound α -helical, molten globule and oligomeric β -sheet state. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 910-918.	2.5	36
15	Base metal-catalyzed benzylic oxidation of (aryl)(heteroaryl)methanes with molecular oxygen. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 144-153.	2.2	48
16	Ramachandran mapping of peptide conformation using a large database of computed Raman and Raman optical activity spectra. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31757-31768.	2.8	38
17	Direct Measurements of the Crowding Effect in Proteins by Means of Raman Optical Activity. <i>Journal of Physical Chemistry B</i> , 2016, 120, 886-890.	2.6	11
18	Mechanism of the Cull-catalyzed benzylic oxygenation of (aryl)(heteroaryl)methanes with oxygen. <i>Chemical Science</i> , 2016, 7, 346-357.	7.4	86

#	ARTICLE	IF	CITATIONS
19	Studying the Glycan Moiety of RNase B by Means of Raman and Raman Optical Activity. ChemPhysChem, 2014, 15, 2252-2254.	2.1	16
20	Selective Nickel-Catalyzed Hydrodeacetoxylation of Aryl Acetates. Angewandte Chemie, 0, , .	2.0	0