

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10498380/publications.pdf>

Version: 2024-02-01

45
papers

2,118
citations

201674

27
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

3082
citing authors

#	ARTICLE	IF	CITATIONS
1	Viologen-Based Conjugated Covalent Organic Networks via Zincke Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 9558-9565.	13.7	228
2	Chemical reactivity of graphene oxide towards amines elucidated by solid-state NMR. <i>Nanoscale</i> , 2016, 8, 13714-13721.	5.6	136
3	Synthesis of Robust MOFs@COFs Porous Hybrid Materials via an Aza-Diels-Alder Reaction: Towards High-Performance Supercapacitor Materials. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19602-19609.	13.8	133
4	Lithiated Polycalix[4]arenes for Efficient Adsorption of Iodine from Solution and Vapor Phases. <i>Chemistry of Materials</i> , 2017, 29, 8968-8972.	6.7	117
5	¹⁵ N chemical shift referencing in solid state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2014, 61-62, 15-18.	2.3	112
6	Biobased Composite Films from Chitosan and Lignin: Antioxidant Activity Related to Structure and Moisture. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6371-6381.	6.7	103
7	Porous Polycalix[4]arenes for Fast and Efficient Removal of Organic Micropollutants from Water. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2976-2981.	8.0	87
8	An ultra-absorbent alkyne-rich porous covalent polycalix[4]arene for water purification. <i>Journal of Materials Chemistry A</i> , 2017, 5, 62-66.	10.3	77
9	Synthesis and Characterization of Nucleobase-Carbon Nanotube Hybrids. <i>Journal of the American Chemical Society</i> , 2009, 131, 13555-13562.	13.7	71
10	The Incorporation of Indigo Molecules in Sepiolite Tunnels. <i>Chemistry - A European Journal</i> , 2009, 15, 11326-11332.	3.3	67
11	Remarkably efficient removal of toxic bromate from drinking water with a porphyrin-viologen covalent organic framework. <i>Chemical Science</i> , 2020, 11, 845-850.	7.4	63
12	distance determination in fluoride-containing octadecasil by Hartmann-Hahn cross-polarization under fast magic-angle spinning. <i>Solid State Nuclear Magnetic Resonance</i> , 1999, 13, 219-229.	2.3	54
13	Characterization of biomass char formation investigated by advanced solid state NMR. <i>Carbon</i> , 2016, 108, 165-177.	10.3	54
14	Thioether-Crown-Rich Calix[4]arene Porous Polymer for Highly Efficient Removal of Mercury from Water. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12898-12903.	8.0	52
15	pH-Dependent Membrane Interactions of the Histidine-Rich Cell-Penetrating Peptide LAH4-L1. <i>Biophysical Journal</i> , 2017, 113, 1290-1300.	0.5	51
16	Self-Promoted Cellular Uptake of Peptide/DNA Transfection Complexes. <i>Biochemistry</i> , 2007, 46, 11253-11262.	2.5	50
17	High Resolution Solid State 2D NMR Analysis of Biomass and Biochar. <i>Analytical Chemistry</i> , 2015, 87, 843-847.	6.5	46
18	Redox-Responsive Covalent Organic Nanosheets from Viologens and Calix[4]arene for Iodine and Toxic Dye Capture. <i>Chemistry - A European Journal</i> , 2018, 24, 8648-8655.	3.3	43

#	ARTICLE	IF	CITATIONS
19	Controlled derivatization of hydroxyl groups of graphene oxide in mild conditions. <i>2D Materials</i> , 2018, 5, 035037.	4.4	42
20	Carbon Nanotube@Nucleobase Hybrids: Nanorings from Uracil-Modified Single-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2011, 17, 6772-6780.	3.3	41
21	Rapid and Efficient Removal of Perfluorooctanoic Acid from Water with Fluorine-Rich Calixarene-Based Porous Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43160-43166.	8.0	40
22	Calix[4]arene-Based Porous Organic Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17359-17365.	8.0	39
23	New Insights into the Hydrogen Bond Network in Al-MIL-53 and Ga-MIL-53. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22021-22029.	3.1	34
24	Fast and efficient removal of paraquat in water by porous polycalixarenes (n = 4, 6). <i>Trends in Analytical Chemistry</i> , 2018, 100, 10-16.	10.3	34
25	Metallated Isoindigo@Porphyrin Covalent Organic Framework Photocatalyst with a Narrow Band Gap for Efficient CO ₂ Conversion. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2015-2022.	8.0	31
26	Elucidation of siRNA complexation efficiency by graphene oxide and reduced graphene oxide. <i>Carbon</i> , 2017, 122, 643-652.	10.3	29
27	Alamethicin Supramolecular Organization in Lipid Membranes from 19F Solid-State NMR. <i>Biophysical Journal</i> , 2016, 111, 2450-2459.	0.5	28
28	Insertion of indigo molecules in the sepiolite structure as evidenced by 1H-29Si heteronuclear correlation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14508.	2.8	27
29	Strategies for the Controlled Covalent Double Functionalization of Graphene Oxide. <i>Chemistry - A European Journal</i> , 2020, 26, 6591-6598.	3.3	27
30	Structural Characterization of the Amyloid Precursor Protein Transmembrane Domain and Its β -Cleavage Site. <i>ACS Omega</i> , 2017, 2, 6525-6534.	3.5	26
31	Is carboxylation an efficient method for graphene oxide functionalization?. <i>Nanoscale Advances</i> , 2020, 2, 4085-4092.	4.6	26
32	Chemical shift powder spectra enhanced by multiple-contact cross-polarization under slow magic-angle spinning. <i>Journal of Magnetic Resonance</i> , 2013, 227, 93-102.	2.1	23
33	Water-induced local ordering of chitosan polymer chains in thin layer films. <i>Carbohydrate Polymers</i> , 2015, 118, 107-114.	10.2	18
34	Double Functionalization of Carbon Nanotubes with Purine and Pyrimidine Derivatives. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1472-1481.	3.3	15
35	Kinetics of 1H-13C multiple-contact cross-polarization as a powerful tool to determine the structure and dynamics of complex materials: application to graphene oxide. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12209-12227.	2.8	14
36	Synthesis of Robust MOFs@COFs Porous Hybrid Materials via an Aza-Diels-Alder Reaction: Towards High-Performance Supercapacitor Materials. <i>Angewandte Chemie</i> , 2020, 132, 19770-19777.	2.0	13

#	ARTICLE	IF	CITATIONS
37	A Straightforward Approach to Multifunctional Graphene. <i>Chemistry - A European Journal</i> , 2019, 25, 13218-13223.	3.3	12
38	Infrared spectroscopy quantification of functional carbon groups in kerogens and coals: A calibration procedure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 259, 119853.	3.9	12
39	Trichogin GA IV Alignment and Oligomerization in Phospholipid Bilayers. <i>ChemBioChem</i> , 2019, 20, 2141-2150.	2.6	10
40	¹¹⁹ F/ ²⁹ Si Rotational-Echo Double-Resonance and Heteronuclear Spin Counting under Fast Magic-Angle Spinning in Fluoride-Containing Octadecasil. <i>Solid State Nuclear Magnetic Resonance</i> , 2002, 22, 188-203.	2.3	9
41	Covalent Tethering and Residues with Bulky Hydrophobic Side Chains Enable Self-Assembly of Distinct Amyloid Structures. <i>ChemBioChem</i> , 2016, 17, 2274-2285.	2.6	9
42	A concerted evolution of supramolecular interactions in a {cation; metal complex; Å-acid; solvent} anion-Å system. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1851-1863.	6.0	6
43	Solid-State NMR Approaches to Study Protein Structure and Protein-Lipid Interactions. <i>Methods in Molecular Biology</i> , 2019, 2003, 563-598.	0.9	5
44	¹⁹ F/ ²⁹ Si distance determination and heteronuclear spin counting under fast magic-angle spinning in fluoride-containing octadecasil. <i>Comptes Rendus Chimie</i> , 2004, 7, 363-369.	0.5	4
45	¹³ C/ ¹⁵ N distance determination by CPMAS NMR in uniformly ¹³ C labeled molecules. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 174-177.	1.9	0