

Monika Stachura

List of Publications by Year in descending order

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1307594

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#	ARTICLE	IF	CITATIONS
1	Billion-Fold Enhancement in Sensitivity of Nuclear Magnetic Resonance Spectroscopy for Magnesium Ions in Solution. <i>ChemPhysChem</i> , 2014, 15, 3929-3932.	2.1	19
2	TDPAC and ^{27}Al -NMR applications in chemistry and biochemistry. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 064003.	3.6	19
3	Direct Observation of Nanosecond Water Exchange Dynamics at a Protein Metal Site. <i>Journal of the American Chemical Society</i> , 2017, 139, 79-82.	13.7	16
4	Direct observation of Mg^{2+} complexes in ionic liquid solutions by ^{31}Mg ^{27}Al -NMR spectroscopy. <i>Dalton Transactions</i> , 2018, 47, 14431-14435.	3.3	12
5	A ^{27}Al -NMR study of the depth, temperature, and molecular-weight dependence of secondary dynamics in polystyrene: Entropy-enthalpy compensation and dynamic gradients near the free surface. <i>Journal of Chemical Physics</i> , 2022, 156, 084903.	3.0	11
6	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted-Ion ^{7}Li ^{27}Al -NMR. <i>Chemistry of Materials</i> , 2019, 31, 9346-9353.	6.7	9
7	Toward Applications of ^{27}Al -NMR Spectroscopy in Chemistry and Biochemistry. <i>Nuclear Physics News</i> , 2015, 25, 25-29.	0.4	8
8	Repeatable Photoinduced Insulator-to-Metal Transition in Yttrium Oxyhydride Epitaxial Thin Films. <i>Chemistry of Materials</i> , 2022, 34, 3616-3623.	6.7	8
9	Perturbed Angular Correlation as a Tool to Study Precursors for Radiopharmaceuticals. <i>Inorganic Chemistry</i> , 2020, 59, 12209-12217.	4.0	6
10	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^{31}Mg ^{27}Al -Radiation-Detected NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, .	13.8	1
11	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^{31}Mg ^{27}Al -Radiation-Detected NMR Spectroscopy. <i>Angewandte Chemie</i> , 0, .	2.0	1