

Aris Chatzichristos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

110
citations

1307594

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1372567

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all docs

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times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Understanding of Water Properties inside Carbon Nanotubes. <i>Nanomaterials</i> , 2022, 12, 174.	4.1	21
2	Microscopic Dynamics of Li ⁺ in Rutile TiO ₂ Revealed by ⁸ Li \hat{I}^2 -Detected Nuclear Magnetic Resonance. <i>Chemistry of Materials</i> , 2017, 29, 10187-10197.	6.7	13
3	Direct observation of Mg ²⁺ complexes in ionic liquid solutions by ³¹ Mg \hat{I}^2 -NMR spectroscopy. <i>Dalton Transactions</i> , 2018, 47, 14431-14435.	3.3	12
4	Local metallic and structural properties of the strongly correlated metal LaNiO ₃ using ⁸ Li \hat{I}^2 -NMR. <i>Physical Review B</i> , 2019, 100, .	3.2	10
5	Ionic and electronic properties of the topological insulator Bi ₂ Te ₃ investigated via ⁸ Li \hat{I}^2 -detected nuclear magnetic relaxation and resonance of ⁸ Li \hat{I}^2 -NMR. <i>Physical Review B</i> , 2019, 99, .	3.2	10
6	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted-Ion ⁸ Li \hat{I}^2 -NMR. <i>Chemistry of Materials</i> , 2019, 31, 9346-9353.	6.7	9
7	Local electronic and magnetic properties of the doped topological insulators Bi ₂ Te ₃ and Bi ₂ Se ₃ . <i>Physical Review B</i> , 2020, 102, .	3.2	7
8	Towards ³¹ Mg \hat{I}^2 -NMR resonance linewidths adequate for applications in magnesium chemistry. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	5
9	Determination of the nature of fluctuations using ⁸ Li \hat{I}^2 -NMR and spin-lattice relaxation. <i>Physical Review B</i> , 2017, 96, .	3.2	4
10	Beta Detected NMR of LaAlO ₃ . , 2018, , .		4
11	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
12	Investigation of ionic and anomalous magnetic behavior in CrSe ₂ using ⁸ Li \hat{I}^2 -NMR. <i>RSC Advances</i> , 2020, 10, 8190-8197.	3.6	3
13	Bi-Arrhenius Diffusion and Surface Trapping of Li ⁺ in Rutile TiO ₂ . <i>Physical Review Letters</i> , 2019, 123, 095901.	7.8	2
14	Evolution of the metallic state in LaNiO ₃ /LaAlO ₃ superlattices measured by ⁸ Li \hat{I}^2 -detected NMR. <i>Physical Review B</i> , 2021, 104, .	3.2	2
15	Comparison of ⁸ Li and ⁹ Li Spin Relaxation in SrTiO ₃ and Pt: A Means to Distinguish Magnetic and Electric Quadrupolar Sources of Relaxation. , 2018, , .		1
16	On the Use of ³¹ Mg for \hat{I}^2 -Detected NMR Studies of Solids. , 2018, , .		1
17	Exploring the Dynamics of Glasses Using Beta Detected NMR. , 2018, , .		1
18	Magnesium(II) \hat{I}^2 -ATP Complexes in \hat{I}^2 -Ethyl \hat{I}^2 -Methylimidazolium Acetate Solutions Characterized by ³¹ Mg \hat{I}^2 -Radiation \hat{I}^2 -Detected NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, , .	13.8	1

#	ARTICLE	IF	CITATIONS
19	Magnesium(II)â€ATP Complexes in 1â€Ethylâ€3â€Methylimidazolium Acetate Solutions Characterized by ^{31}Mg β -Radiationâ€Detected NMR Spectroscopy. <i>Angewandte Chemie</i> , 0, , .	2.0	1