

Aris Chatzichristos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

110
citations

1307594

7
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
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	Evolution of the metallic state in LaNiO ₃ /LaAlO ₃ superlattices measured by Li ⁸ -detected NMR. <i>Physical Review B</i> , 2021, 104, .	3.2	2
3	Investigation of ionic and anomalous magnetic behavior in CrSe ₂ using 8Li ² -NMR. <i>RSC Advances</i> , 2020, 10, 8190-8197.	3.6	3
4	Local electronic and magnetic properties of the doped topological insulators investigated via ² Li and ⁷ Li ² -detected NMR. <i>Physical Review B</i> , 2020, 102, .	3.2	7
5	Local metallic and structural properties of the strongly correlated metal LaNiO ₃ using 8Li ² -NMR. <i>Physical Review B</i> , 2019, 100, .	3.2	10
6	Bi-Arrhenius Diffusion and Surface Trapping of Li ⁸ in Rutile TiO ₂ . <i>Physical Review Letters</i> , 2019, 123, 095901.	7.8	2
7	Ionic and electronic properties of the topological insulator Bi ₂ Te ₃ investigated via ² Li and ⁷ Li ² -detected nuclear magnetic relaxation and resonance of ² Li ² -detected NMR. <i>Physical Review B</i> , 2019, 99, .	3.2	10
8	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted-Ion ⁸ Li ² -NMR. <i>Chemistry of Materials</i> , 2019, 31, 9346-9353.	6.7	9
9	Comparison of 8Li and 9Li Spin Relaxation in SrTiO ₃ and Pt: A Means to Distinguish Magnetic and Electric Quadrupolar Sources of Relaxation. , 2018, , .		1
10	Direct observation of Mg ²⁺ complexes in ionic liquid solutions by ³¹ Mg ² -NMR spectroscopy. <i>Dalton Transactions</i> , 2018, 47, 14431-14435.	3.3	12
11	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
12	Beta Detected NMR of LaAlO ₃ . , 2018, , .		4
13	On the Use of ³¹ Mg for ² -Detected NMR Studies of Solids. , 2018, , .		1
14	Exploring the Dynamics of Glasses Using Beta Detected NMR. , 2018, , .		1
15	Towards ³¹ Mg- ² -NMR resonance linewidths adequate for applications in magnesium chemistry. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.5	5
16	Determination of the nature of fluctuations using ² Li and ⁷ Li ² -detected NMR and spin-lattice relaxation. <i>Physical Review B</i> , 2017, 96, .	3.2	4
17	Microscopic Dynamics of Li ⁺ in Rutile TiO ₂ Revealed by 8Li ² -Detected Nuclear Magnetic Resonance. <i>Chemistry of Materials</i> , 2017, 29, 10187-10197.	6.7	13
18	Magnesium(II) ATP Complexes in Ethylmethylimidazolium Acetate Solutions Characterized by ³¹ Mg ² -Radiation-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