

Ryan M L Mcfadden

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
19	Development of a polarized $^{31}\text{Mg}+$ beam as a spin-1/2 probe for BNMR. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	6
20	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
21	\hat{I}^2 -NMR measurements of molecular-scale lithium-ion dynamics in poly(ethylene oxide)-lithium-salt thin films. <i>Journal of Chemical Physics</i> , 2017, 146, 244903.	3.0	5
22	Determination of the nature of fluctuations using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mmultiscripts}>\langle \text{mml:mi}>\text{Li}</\text{mml:mi}>\langle \text{mml:mprescripts}></\text{mml:none}></\text{mml:mn}>8</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mmultiscripts}>\langle \text{mml:mi}>\text{Li}</\text{mml:mi}>\langle \text{mml:mprescripts}></\text{mml:none}></\text{mml:mn}>9</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$ $\langle \text{mml:mpace width="4pt"></\text{mml:mi}>\hat{I}^2</\text{mml:mi}></\text{mml:math}>$ -NMR and spin-lattice relaxation. <i>Physical Review B</i> , 2017, 96, .	3.2	4
23	Beta Detected NMR of LaAlO_3 . , 2018, , .		4
24	The Spin Relaxation of $8\text{Li}+$ in Gold at Low Magnetic Field. , 2018, , .		4
25	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
26	Investigation of ionic and anomalous magnetic behavior in CrSe_2 using 8Li \hat{I}^2 -NMR. <i>RSC Advances</i> , 2020, 10, 8190-8197.	3.6	3
27	Bi-Arrhenius Diffusion and Surface Trapping of $\text{Li}+8$ in Rutile TiO_2 . <i>Physical Review Letters</i> , 2019, 123, 095901.	7.8	2
28	Evolution of the metallic state in $\text{LaNiO}_3/\text{LaAlO}_3$ superlattices measured by $\text{Li}8\hat{I}^2$ -detected NMR. <i>Physical Review B</i> , 2021, 104, .	3.2	2
29	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
30	On the Use of ^{31}Mg for \hat{I}^2 -Detected NMR Studies of Solids. , 2018, , .		1
31	Challenge for Detecting the Interface between Electrode and Electrolyte with \hat{I}^2 -NMR. , 2018, , .		1
32	Exploring the Dynamics of Glasses Using Beta Detected NMR. , 2018, , .		1
33	Magnesium(II)â€ATP Complexes in $1\hat{I}^2$ â€Methylimidazolium Acetate Solutions Characterized by ^{31}Mg \hat{I}^2 â€Radiationâ€Detected NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, , .	13.8	1
34	Magnesium(II)â€ATP Complexes in $1\hat{I}^2$ â€Methylimidazolium Acetate Solutions Characterized by ^{31}Mg \hat{I}^2 â€Radiationâ€Detected NMR Spectroscopy. <i>Angewandte Chemie</i> , 0, , .	2.0	1
35	$\langle i>\hat{I}^2</i>$ -NMR of $\langle \text{sup}>8</sup>\text{Li}<\text{sup}>+</sup>$ in rutile $\text{TiO}<\text{sub}>2</\text{sub}>$. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012032.	0.4	0
36	\hat{I}^2 -NMR Study of a buried Mn \hat{I} -doped layer in a silicon host. <i>Journal of Physics: Conference Series</i> , 2014, 551, 012023.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Origin of the Multi-Peak Muon Frequency Spectrum in the Heavy Fermion Compound UBe13. , 2018, , .		0