

Derek Fujimoto

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Direct measurements of the temperature, depth and processing dependence of phenyl ring dynamics in polystyrene thin films by ^2H -detected NMR. <i>Soft Matter</i> , 2018, 14, 7324-7334.	2.7	19
2	Direct observation of Mg^{2+} complexes in ionic liquid solutions by ^{31}Mg ^2H -NMR spectroscopy. <i>Dalton Transactions</i> , 2018, 47, 14431-14435.	3.3	12
3	A ^2H -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
4	Local metallic and structural properties of the strongly correlated metal LaNiO_3 using ^7Li ^2H -NMR. <i>Physical Review B</i> , 2019, 100, .	3.2	10
5	Ionic and electronic properties of the topological insulator Bi_2Te_3 investigated via ^2H -detected nuclear magnetic relaxation and resonance of ^7Li . <i>Physical Review B</i> , 2019, 99, .	3.2	10
6	bfit: A Python Application For Beta-Detected NMR. <i>Journal of Open Source Software</i> , 2021, 6, 3598.	4.6	10
7	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted-Ion ^8Li ^2H -NMR. <i>Chemistry of Materials</i> , 2019, 31, 9346-9353.	6.7	9
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	Local electronic and magnetic properties of the doped topological insulators Bi_2Te_3 and Bi_2Se_3 . <i>Physical Review B</i> , 2020, 102, .	3.2	7
10	Energy barriers and cooperative motion at the surface of freestanding glassy polystyrene films. <i>Journal of Chemical Physics</i> , 2020, 153, 154901.	3.0	6
11	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
12	Investigation of ionic and anomalous magnetic behavior in CrSe_2 using ^7Li ^2H -NMR. <i>RSC Advances</i> , 2020, 10, 8190-8197.	3.6	3
13	Bi-Arrhenius Diffusion and Surface Trapping of Li^{+8} in Rutile TiO_2 . <i>Physical Review Letters</i> , 2019, 123, 095901.	7.8	2
14	Evolution of the metallic state in $\text{LaNiO}_3/\text{LaAlO}_3$ superlattices measured by ^7Li ^2H -detected NMR. <i>Physical Review B</i> , 2021, 104, .	3.2	2
15	Magnesium(II) ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^{31}Mg ^2H -Radiation-Detected NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, , .	13.8	1
16	Magnesium(II) ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^{31}Mg ^2H -Radiation-Detected NMR Spectroscopy. <i>Angewandte Chemie</i> , 0, , .	2.0	1
17	Characterization of the aging and excess noise of a Hamamatsu fine mesh photopentode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 823, 149-155.	1.6	0