

Derek Fujimoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A ^2Li -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. Journal of Chemical Physics, 2022, 156, 084903.	3.0	11
2	Repeatable Photoinduced Insulator-to-Metal Transition in Yttrium Oxyhydride Epitaxial Thin Films. Chemistry of Materials, 2022, 34, 3616-3623.	6.7	8
3	bfit: A Python Application For Beta-Detected NMR. Journal of Open Source Software, 2021, 6, 3598.	4.6	10
4	Evolution of the metallic state in $\text{LaNiO}_3/\text{LaAlO}_3$ superlattices measured by ^2Li -detected NMR. Physical Review B, 2021, 104, .	3.2	2
5	Energy barriers and cooperative motion at the surface of freestanding glassy polystyrene films. Journal of Chemical Physics, 2020, 153, 154901.	3.0	6
6	Investigation of ionic and anomalous magnetic behavior in CrSe_2 using ^2Li -NMR. RSC Advances, 2020, 10, 8190-8197.	3.6	3
7	Local electronic and magnetic properties of the doped topological insulators Bi_2Te_3 and Bi_2Se_3 investigated via ^2Li -detected nuclear magnetic relaxation and resonance of ^2Li . Physical Review B, 2020, 102, .	3.2	7
8	Local metallic and structural properties of the strongly correlated metal LaNiO_3 using ^2Li -NMR. Physical Review B, 2019, 100, .	3.2	10
9	Bi-Arrhenius Diffusion and Surface Trapping of ^8Li in Rutile TiO_2 . Physical Review Letters, 2019, 123, 095901.	7.8	2
10	Ionic and electronic properties of the topological insulator Bi_2Te_3 investigated via ^2Li -detected nuclear magnetic relaxation and resonance of ^2Li . Physical Review B, 2019, 99, .	3.2	10
11	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted- ^8Li ^2Li -NMR. Chemistry of Materials, 2019, 31, 9346-9353.	6.7	9
12	Direct observation of Mg^{2+} complexes in ionic liquid solutions by ^31Mg ^2Li -NMR spectroscopy. Dalton Transactions, 2018, 47, 14431-14435.	3.3	12
13	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
14	Direct measurements of the temperature, depth and processing dependence of phenyl ring dynamics in polystyrene thin films by ^2Li -detected NMR. Soft Matter, 2018, 14, 7324-7334.	2.7	19
15	Characterization of the aging and excess noise of a Hamamatsu fine mesh photopentode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 149-155.	1.6	0
16	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^31Mg ^2Li -Radiation-Detected NMR Spectroscopy. Angewandte Chemie - International Edition, 0, , .	13.8	1
17	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by ^31Mg ^2Li -Radiation-Detected NMR Spectroscopy. Angewandte Chemie, 0, , .	2.0	1