

# Victoria L Karner

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A $^2\text{H}$ -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
2	Evolution of the metallic state in $\text{LaNiO}_3/\text{LaAlO}_3$ superlattices measured by $^7\text{Li}$ -detected NMR. <i>Physical Review B</i> , 2021, 104, .	3.2	2
3	Investigation of ionic and anomalous magnetic behavior in $\text{CrSe}_2$ using $^7\text{Li}$ -NMR. <i>RSC Advances</i> , 2020, 10, 8190-8197.	3.6	3
4	Local electronic and magnetic properties of the doped topological insulators $\text{Bi}_2\text{Te}_3$ and $\text{Bi}_2\text{Se}_3$ investigated via $^7\text{Li}$ -detected NMR. <i>Physical Review B</i> , 2020, 102, .	3.2	7
5	Local metallic and structural properties of the strongly correlated metal $\text{LaNiO}_3$ using $^7\text{Li}$ -NMR. <i>Physical Review B</i> , 2019, 100, .	3.2	10
6	Ionic and electronic properties of the topological insulator $\text{Bi}_2\text{Te}_3$ investigated via $^7\text{Li}$ -detected NMR. <i>Physical Review B</i> , 2020, 102, .	3.2	10
7	Dynamics of Liquid 1-Ethyl-3-Methylimidazolium Acetate Measured with Implanted-Ion $^7\text{Li}$ -NMR. <i>Chemistry of Materials</i> , 2019, 31, 9346-9353.	6.7	9
8	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
9	Beta Detected NMR of $\text{LaAlO}_3$ . , 2018, , .		4
10	Challenge for Detecting the Interface between Electrode and Electrolyte with $^7\text{Li}$ -NMR. , 2018, , .		1
11	Direct measurements of the temperature, depth and processing dependence of phenyl ring dynamics in polystyrene thin films by $^2\text{H}$ -detected NMR. <i>Soft Matter</i> , 2018, 14, 7324-7334.	2.7	19
12	Exploring the Dynamics of Glasses Using Beta Detected NMR. , 2018, , .		1
13	Microscopic Dynamics of $\text{Li}^+$ in Rutile $\text{TiO}_2$ Revealed by $^7\text{Li}$ -Detected Nuclear Magnetic Resonance. <i>Chemistry of Materials</i> , 2017, 29, 10187-10197.	6.7	13
14	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by $^{31}\text{Mg}$ $^7\text{Li}$ -Detected NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, , .	13.8	1
15	Magnesium(II)-ATP Complexes in 1-Ethyl-3-Methylimidazolium Acetate Solutions Characterized by $^{31}\text{Mg}$ $^7\text{Li}$ -Detected NMR Spectroscopy. <i>Angewandte Chemie</i> , 0, , .	2.0	1