

# Robert F Kiefl

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	$\langle mml:math\ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>\hat{I}^2</mml:mi>\langle /mml:math>$ -NMR Investigation of the Depth-Dependent Magnetic Properties of an Antiferromagnetic Surface. Physical Review Letters, 2016, 116, 106103.	7.8	13
2	Microscopic Dynamics of $\text{Li}^+$ in Rutile $\text{TiO}_2$ Revealed by $8\text{Li } \hat{I}^2$ -Detected Nuclear Magnetic Resonance. Chemistry of Materials, 2017, 29, 10187-10197.	6.7	13
3	Observation of a Charge-Neutral Muon-Polaron Complex in Antiferromagnetic $\langle mml:math\ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow>\langle mml:msub>\langle mml:mrow>\langle mml:mi>\text{Cr}</mml:mi>\langle /mml:mrow>\langle mml:mrow>\langle mml:mn>2</mml:mn>\langle /mml:mrow>\langle mml:mathvariant="normal">\text{O}</mml:mi>\langle /mml:mrow>\langle mml:mrow>\langle mml:mn>3</mml:mn>\langle /mml:mrow>\langle /mml:msub>\langle /mml:mrow>\langle /mml:math>$ Physical Review X, 2020, 10, .	3.2	7
4	Local metallic and structural properties of the strongly correlated metal $\text{LaNiO}_3$ using $8\text{Li } \hat{I}^2$ -NMR. Physical Review B, 2019, 100, .	3.2	10
5	Local Electronic Structure and Dynamics of Muon-Polaron Complexes in $\langle mml:math\ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mrow>\langle mml:msub>\langle mml:mrow>\langle mml:mi>\text{Fe}</mml:mi>\langle /mml:mrow>\langle mml:mrow>\langle mml:mn>2</mml:mn>\langle /mml:mrow>\langle mml:mathvariant="normal">\text{O}</mml:mi>\langle /mml:mrow>\langle mml:mrow>\langle mml:mn>3</mml:mn>\langle /mml:mrow>\langle /mml:mrow>\langle mml:msub>\langle /mml:mrow>\langle /mml:math>$ Physical Review B, 2020, 102, .	3.2	7
6	Local electronic and magnetic properties of the doped topological insulators and $\langle mml:math\ xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle mml:msub>\langle mml:mrow>\langle mml:mi>\text{Bi}</mml:mi>\langle /mml:mrow>\langle mml:mn>2</mml:mn>\langle /mml:mrow>\langle /mml:math>$ Physical Review B, 2020, 102, .	3.2	7
7	Beta Detected NMR of $\text{LaAlO}_3$ . , 2018, , .		4
8	Dynamics of Anisotropic Muonium on Silica Surfaces Explained by Monte Carlo Simulation of the Muon Depolarization. , 2018, , .		4
9	Beta-Detected NMR of LSAT and YSZ. , 2018, , .		3
10	Bi-Arrhenius Diffusion and Surface Trapping of $\text{Li}^{18}$ in Rutile $\text{TiO}_2$ . Physical Review Letters, 2019, 123, 095901.	7.8	2
11	Evolution of the metallic state in $\text{LaNiO}_3/\text{LaAlO}_3$ superlattices measured by $7\text{Li } \hat{I}^2$ -detected NMR. Physical Review B, 2021, 104, .	3.2	2
12	Exploring the Dynamics of Glasses Using Beta Detected NMR. , 2018, , .		1