

# O George Fritz

## List of Publications by Year in descending order

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12  
papers

187  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model simulations of high-current constricted arcs in vacuum interrupters. , 2014, , .		1
2	Surface Dynamics and Hydrophobicity of High-Voltage Insulator Polymers. Materials Research Society Symposia Proceedings, 2013, 1535, 6801.	0.1	0
3	Understanding the Self-Healing Hydrophobic Recovery of High-Voltage Insulators. Journal of Physical Chemistry B, 2012, 116, 7351-7356.	2.6	10
4	Molecular Motion of Amorphous Silicone Polymers. Journal of Physical Chemistry B, 2011, 115, 2831-2835.	2.6	8
5	Surface Dynamics of Amorphous Polymers Used for High-Voltage Insulators. Journal of Physical Chemistry B, 2011, 115, 13508-13512.	2.6	6
6	Results of 3D numerical simulations of high-current constricted vacuum arcs in a strong magnetic field. , 2010, , .		2
7	Simulation of a High Current Vacuum Arc in a Transverse Magnetic Field. IEEE Transactions on Plasma Science, 2009, 37, 1386-1392.	1.3	28
8	Numerical Simulation of a Moving High-Current Vacuum Arc Driven by a Transverse Magnetic Field (TMF). IEEE Transactions on Plasma Science, 2007, 35, 905-911.	1.3	48
9	A theory of magnetic x-ray diffraction enhanced by an electric quadrupole (E2) resonance. Journal of Physics Condensed Matter, 1998, 10, 501-524.	1.8	9
10	Static and dynamic properties of a dimerized quantum-spin chain. Journal of Physics Condensed Matter, 1998, 10, 6321-6332.	1.8	1
11	Low temperature magnetic force microscopy. Review of Scientific Instruments, 1993, 64, 2920-2925.	1.3	57
12	Magnetic field and order parameter of an anisotropic type-II superconductor with an isolated flux line. Physical Review B, 1993, 47, 384-389.	3.2	17