

Andreas Leschhorn

List of Publications by Year in descending order

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19
papers

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citations

933447

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996975

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g-index

19
all docs

19
docs citations

19
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of thermal vibrations on polarization switching in the model of local fields. Journal of Applied Physics, 2017, 121, .	2.5	15
2	Characteristic time dependence of imprint properties in P(VDF-TrFE). Journal of Applied Physics, 2016, 120, 124105.	2.5	6
3	Modeling relaxor characteristics in systems of interacting dipoles. Physica B: Condensed Matter, 2016, 503, 167-173.	2.7	5
4	The field and temperature dependence of hysteresis loops in P(VDF-TrFE) copolymer films. Physica B: Condensed Matter, 2015, 456, 306-311.	2.7	26
5	Microscopic model of domain wall motion. Journal of Applied Physics, 2014, 115, .	2.5	11
6	Influence of the piezoeffect on static and dynamic ferroelectric properties. Journal of Applied Physics, 2013, 114, .	2.5	6
7	The thickness dependence of the phase transition temperature in PVDF. Physica B: Condensed Matter, 2013, 421, 23-27.	2.7	8
8	A model for the double loop of ferroelectric polarization close to TC. Journal of Applied Physics, 2013, 113, 104102.	2.5	10
9	Elongational flow effects on the vortex growth out of Couette flow in ferrofluids. Physical Review E, 2013, 87, 053010.	2.1	11
10	Simulation of ferroelectric properties of barium titanate. , 2012, , .		0
11	Simulation of effective dielectric permittivities: Comparison of different crystal structures, amorphous systems, and nanocomposites. Journal of Applied Physics, 2011, 110, .	2.5	4
12	Experimental and theoretical investigations on Taylor-Couette flow of ferrofluids subject to magnetic fields. Physics Procedia, 2010, 9, 121-125.	1.2	4
13	Influence of homogeneous magnetic fields on the flow of a ferrofluid in the Taylor-Couette system. Physical Review E, 2010, 82, 016321.	2.1	30
14	Stability of the circular Couette flow of a ferrofluid in an axial magnetic field: Influence of polydispersity. Physical Review E, 2009, 79, 036308.	2.1	21
15	Reply to "Comment on "Measuring the transverse magnetization of rotating ferrofluids". Physical Review E, 2008, 78, .	2.1	4
16	Periodically Forced Ferrofluid Pendulum: Effect of Polydispersity. Zeitschrift Fur Physikalische Chemie, 2006, 220, 89-96.	2.8	7
17	Magnetization of Rotating Ferrofluids: Predictions of Different Theoretical Models. Zeitschrift Fur Physikalische Chemie, 2006, 220, 219-224.	2.8	15
18	Measuring the transverse magnetization of rotating ferrofluids. Physical Review E, 2006, 73, 036302.	2.1	37

#	ARTICLE	IF	CITATIONS
19	Magnetization of rotating ferrofluids: the effect of polydispersity. Journal of Physics Condensed Matter, 2006, 18, S2633-S2642.	1.8	12