# Andreas Leschhorn

List of Publications by Year
in descending order



| 19 | 232 | 933447 10 | 996975 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 162 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Measuring the transverse magnetization of rotating ferrofluids. Physical Review E, 2006, 73, 036302. | 2.1 | 37 |
| 2 | 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 |
| 3 | The field and temperature dependence of hysteresis loops in P(VDFâ€“TrFE) copolymer films. Physica B: Condensed Matter, 2015, 456, 306-311. | 2.7 | 26 |
| 4 | 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 |
| 5 | Magnetization of Rotating Ferrofluids: Predictions of Different Theoretical Models. Zeitschrift Fur Physikalische Chemie, 2006, 220, 219-224. | 2.8 | 15 |
| 6 | Influence of thermal vibrations on polarization switching in the model of local fields. Journal of Applied Physics, 2017, 121, . | 2.5 | 15 |
| 7 | Magnetization of rotating ferrofluids: the effect of polydispersity. Journal of Physics Condensed Matter, 2006, 18, S2633-S2642. | 1.8 | 12 |
| 8 | Elongational flow effects on the vortex growth out of Couette flow in ferrofluids. Physical Review E, 2013, 87, 053010. | 2.1 | 11 |
| 9 | Microscopic model of domain wall motion. Journal of Applied Physics, 2014, 115, . | 2.5 | 11 |
| 10 | A model for the double loop of ferroelectric polarization close to TC. Journal of Applied Physics, 2013, 113, 104102. | 2.5 | 10 |
| 11 | The thickness dependence of the phase transition temperature in PVDF. Physica B: Condensed Matter, 2013, 421, 23-27. | 2.7 | 8 |
| 12 | Periodically Forced Ferrofluid Pendulum: Effect of Polydispersity. Zeitschrift Fur Physikalische Chemie, 2006, 220, 89-96. | 2.8 | 7 |
| 13 | Influence of the piezoeffect on static and dynamic ferroelectric properties. Journal of Applied Physics, 2013, 114, . | 2.5 | 6 |
| 14 | Characteristic time dependence of imprint properties in P(VDF-TrFE). Journal of Applied Physics, 2016, 120, 124105. | 2.5 | 6 |
| 15 | Modeling relaxor characteristics in systems of interacting dipoles. Physica B: Condensed Matter, 2016, 503, 167-173. | 2.7 | 5 |
| 16 | Reply to â€œComment on â€˜Measuring the transverse magnetization of rotating ferrofluidsâ€™â€• Physical Review E, 2008, 78, . | 2.1 | 4 |
| 17 | Experimental and theoretical investigations on Taylorâ€“Couette flow of ferrofluids subject to magnetic fields. Physics Procedia, 2010, 9, 121-125. | 1.2 | 4 |
| 18 | Simulation of effective dielectric permittivities: Comparison of different crystal structures, amorphous systems, and nanocomposites. Journal of Applied Physics, 2011, 110, . | 2.5 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Simulation of ferroelectric properties of barium titanate. , 2012, , . | | 0 |