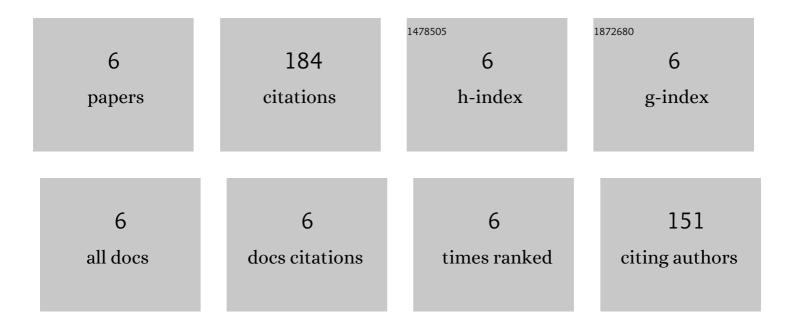
Malte Schümann

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6323377/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	In-situ observation of the particle microstructure of magnetorheological elastomers in presence of mechanical strain and magnetic fields. Journal of Magnetism and Magnetic Materials, 2017, 441, 88-92.	2.3	67
2	A characterisation of the magnetically induced movement of NdFeB-particles in magnetorheological elastomers. Smart Materials and Structures, 2017, 26, 095018.	3.5	59
3	Tunable dynamic moduli of magnetic elastomers: from characterization by x-ray micro-computed tomography to mesoscopic modeling. Journal of Physics Condensed Matter, 2018, 30, 125101.	1.8	27
4	Reversible and non-reversible motion of NdFeB-particles in magnetorheological elastomers. Journal of Intelligent Material Systems and Structures, 2021, 32, 3-15.	2.5	15
5	The evaluation of anisotropic particle structures of magnetorheological elastomers by means of pair correlation function. Journal of Magnetism and Magnetic Materials, 2020, 502, 166537.	2.3	9
6	Magneto-elastic coupling as a key to microstructural response of magnetic elastomers with flake-like particles. Soft Matter, 2022, 18, 496-506.	2.7	7