

Malte SchÃ¼mann

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

184
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

151
citing authors

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