

Romain Corcolle

List of Publications by Year in descending order

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papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	A Homogenization Model for Soft Magnetic Composites Considering the Effect of Mechanical Stress. IEEE Transactions on Magnetics, 2022, 58, 1-4.	2.1	4
2	Level-Set-Based Shape Optimization on Soft Magnetic Composites With Isotropy Constraint. IEEE Transactions on Magnetics, 2022, 58, 1-4.	2.1	2
3	Effective properties and eddy current losses of soft magnetic composites. Journal of Applied Physics, 2021, 129, .	2.5	9
4	3-D Semi-Analytical Homogenization Model for Soft Magnetic Composites. IEEE Transactions on Magnetics, 2021, 57, 1-4.	2.1	7
5	Improved properties of soft magnetic composites with hollow microstructures. Journal Physics D: Applied Physics, 2021, 54, 465003.	2.8	3
6	Bounds and estimates on eddy current losses in soft magnetic composites. Journal of Applied Physics, 2018, 123, .	2.5	7
7	A 2D finite element study on the role of material properties on eddy current losses in soft magnetic composites. EPJ Applied Physics, 2016, 73, 20902.	0.7	8
8	A Homogenization Technique to Calculate Eddy Current Losses in Soft Magnetic Composites Using a Complex Magnetic Permeability. IEEE Transactions on Magnetics, 2016, 52, 1-9.	2.1	19
9	Modeling of Magnetic Field Perturbations on the Balance Spring of a Mechanical Watch. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	0
10	Effective Permittivity of Shielding Composite Materials for Microwave Frequencies. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 1178-1186.	2.2	44
11	Intraphase fluctuations in heterogeneous magnetic materials. Journal of Applied Physics, 2009, 105, .	2.5	7