

Yao Luo

List of Publications by Year in descending order

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17
papers

115
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1478505

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17
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17
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73
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of Self-Inductance Calculations for Circular Coils of Rectangular Cross Section. IEEE Transactions on Magnetics, 2013, 49, 1249-1255.	2.1	31
2	Inductance Calculations for Circular Coils With Rectangular Cross Section and Parallel Axes Using Inverse Mellin Transform and Generalized Hypergeometric Functions. IEEE Transactions on Power Electronics, 2017, 32, 1367-1374.	7.9	12
3	Field and inductance of circular coils placed eccentrically inside a cylindrical screen of finite length and high permeability. Journal of Electromagnetic Waves and Applications, 2014, 28, 2276-2289.	1.6	9
4	Field and inductance calculations for coaxial circular coils with magnetic cores of finite length and constant permeability. IET Electric Power Applications, 2017, 11, 1254-1264.	1.8	8
5	Calculation of AC resistance of single-layer coils using boundary element method. IET Electric Power Applications, 2021, 15, 1-12.	1.8	8
6	Mutual inductance for circular coils of rectangular cross section and parallel axes shielded by two parallel screens of high permeability. Journal of Electromagnetic Waves and Applications, 2014, 28, 2256-2265.	1.6	7
7	Inductance and force calculations of circular coils with parallel axes shielded by a cuboid of high permeability. IET Electric Power Applications, 2018, 12, 717-727.	1.8	6
8	Analytical Calculation of Mutual Inductance of Finite-Length Coaxial Helical Filaments and Tape Coils. Energies, 2019, 12, 566.	3.1	6
9	Inductance calculations for coils with an iron core of arbitrary axial position. Electromagnetics, 2019, 39, 99-119.	0.7	6
10	Inductance calculations for coaxial iron-core coils shielded by cylindrical screens of high permeability. IET Electric Power Applications, 2019, 13, 795-804.	1.8	6
11	Field and inductance of coaxial circular coils shielded by cuboid of high permeability. Journal of Electromagnetic Waves and Applications, 2015, 29, 741-752.	1.6	4
12	Integral and series solutions for inductance of rectangular coils with parallel end faces. IET Electric Power Applications, 2019, 13, 1032-1041.	1.8	4
13	An analytical model of an eddy-current coil near the edge of a conductive plate. IET Electric Power Applications, 2022, 16, 1017-1029.	1.8	4
14	A Novel Hybrid Active Power Filter with Multi-Coupled Coils. Electronics (Switzerland), 2021, 10, 998.	3.1	2
15	Inductance calculations for non-coaxial Bitter coils with rectangular cross-section using inverse Mellin transform. IET Electric Power Applications, 2019, 13, 119-125.	1.8	2
16	Numerical Modeling of Excess Loss in SiFe Sheet Considering Pinning Effect. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	0
17	Field and earth-return impedance for conductors inside an elliptic tunnel. IET Generation, Transmission and Distribution, 2019, 13, 4922-4932.	2.5	0