

Daisuke Miura

List of Publications by Year in descending order

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29
papers

224
citations

1163117

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docs citations

29
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength of Salt Core Composed of Alkali Carbonate and Alkali Chloride Mixtures Made by Casting Technique. <i>Materials Transactions</i> , 2007, 48, 1034-1041.	1.2	44
2	Theoretical evaluation of the temperature dependence of magnetic anisotropy constants of Nd ₂ Fe ₁₄ B: Effects of exchange field and crystal field strength. <i>Applied Physics Express</i> , 2015, 8, 043004.	2.4	31
3	Direct expressions for magnetic anisotropy constants. <i>Applied Physics Express</i> , 2015, 8, 113003.	2.4	18
4	Theoretical Study on Gilbert Damping of Nonuniform Magnetization Precession in Ferromagnetic Metals. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 114716.	1.6	17
5	Microscopic Theory of Magnon-Drag Thermoelectric Transport in Ferromagnetic Metals. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 113602.	1.6	14
6	Power law analysis for temperature dependence of magnetocrystalline anisotropy constants of Nd ₂ Fe ₁₄ B magnets. <i>AIP Advances</i> , 2018, 8, 075114.	1.3	13
7	First-principles calculations for Gilbert damping constant at finite temperature. <i>Applied Physics Express</i> , 2022, 15, 013003.	2.4	9
8	First-Principles Study on the Magnetic Damping of Transition Metals in the Presence of Spin Fluctuation. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	2.1	8
9	First-Principles Calculation of Transport Properties of Heusler Alloy Co ₂ MnAl at Finite Temperatures. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	8
10	Microscopic theory for Gilbert damping in materials with inhomogeneous spin dynamics. <i>Journal of Applied Physics</i> , 2012, 111, 07D117.	2.5	7
11	Theoretical Study of Temperature Dependence of Spin Susceptibility in Anisotropic Itinerant Ferromagnets. <i>Journal of the Physical Society of Japan</i> , 2021, 90, .	1.6	7
12	High-Quality Sputtered BiFeO ₃ for Ultrathin Epitaxial Films. <i>ACS Applied Electronic Materials</i> , 2021, 3, 4836-4848.	4.3	6
13	Temperature Dependence of Magnetocrystalline Anisotropy in Itinerant Ferromagnets. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	6
14	Tunable Spin Seebeck Diode with Magnonic Spin Tunneling Junction. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 125001.	1.6	5
15	Non-collinearity Effects on Magnetocrystalline Anisotropy for R ₂ Fe ₁₄ B Magnets. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 044804.	1.6	5
16	Microscopic theory of spin torque induced by spin dynamics in magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2011, 109, 07C909.	2.5	4
17	Theoretical Study on Four-fold Symmetric Anisotropic Magnetoresistance Effect in Cubic Single-crystal Ferromagnetic Model. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 044714.	1.6	4
18	Spin-wave-induced spin torque in Rashba ferromagnets. <i>Physical Review B</i> , 2015, 91, .	3.2	3

#	ARTICLE	IF	CITATIONS
19	Theoretical study of extrinsic spin current generation in ferromagnets induced by anisotropic spin-flip scattering. <i>Physical Review B</i> , 2021, 104, .	3.2	3
20	Enzymatic ligation of an antibody and arginine 9 peptide for efficient and cell-specific siRNA delivery. <i>Scientific Reports</i> , 2021, 11, 21882.	3.3	3
21	Analytic expression for magnetic activation energy. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 058002.	1.5	2
22	Theoretical Study of Gilbert Damping in Rare-Earth Permanent Magnets. <i>IEEE Transactions on Magnetism</i> , 2019, 55, 1-4.	2.1	2
23	Microscopic theory on the Gilbert damping due to spin pumping effects in the magnetic multi-layer system. <i>Journal of Physics: Conference Series</i> , 2011, 266, 012084.	0.4	1
24	Charge and Spin Transport in Magnetic Tunnel Junctions: Microscopic Theory. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 054709.	1.6	1
25	Gilbert damping of ferromagnetic metals incorporating inhomogeneous spin dynamics. <i>Journal of Applied Physics</i> , 2015, 117, 17E122.	2.5	1
26	Theoretical Study of Gilbert Damping Constants in Magnetic Multilayer Films. <i>IEEE Transactions on Magnetism</i> , 2019, 55, 1-5.	2.1	1
27	Voltage-Controlled Magnonic Spin Tunneling Junction. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 013601.	1.6	1
28	Charge and spin currents in magnetic multi layers in the presence of both electric field and spin dynamics. <i>Journal of Physics: Conference Series</i> , 2011, 266, 012081.	0.4	0
29	Perpendicularly Polarized Spin Hall Effects Induced by Spin-Dependent Scattering in Ferromagnetic Metals. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	0