

# Daisuke Miura

## List of Publications by Year in descending order

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29  
papers

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citations

1163117

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1058476

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all docs

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docs citations

29  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature Dependence of Magnetocrystalline Anisotropy in Itinerant Ferromagnets. Journal of the Physical Society of Japan, 2022, 91, .	1.6	6
2	First-principles calculations for Gilbert damping constant at finite temperature. Applied Physics Express, 2022, 15, 013003.	2.4	9
3	First-Principles Calculation of Transport Properties of Heusler Alloy $\text{Co}_2\text{MnAl}$ at Finite Temperatures. Journal of the Physical Society of Japan, 2022, 91, .	1.6	8
4	Perpendicularly Polarized Spin Hall Effects Induced by Spin-Dependent Scattering in Ferromagnetic Metals. Journal of the Physical Society of Japan, 2022, 91, .	1.6	0
5	Theoretical study of extrinsic spin current generation in ferromagnets induced by anisotropic spin-flip scattering. Physical Review B, 2021, 104, .	3.2	3
6	Theoretical Study of Temperature Dependence of Spin Susceptibility in Anisotropic Itinerant Ferromagnets. Journal of the Physical Society of Japan, 2021, 90, .	1.6	7
7	Enzymatic ligation of an antibody and arginine 9 peptide for efficient and cell-specific siRNA delivery. Scientific Reports, 2021, 11, 21882.	3.3	3
8	High-Quality Sputtered $\text{BiFeO}_3$ for Ultrathin Epitaxial Films. ACS Applied Electronic Materials, 2021, 3, 4836-4848.	4.3	6
9	Theoretical Study on Four-fold Symmetric Anisotropic Magnetoresistance Effect in Cubic Single-crystal Ferromagnetic Model. Journal of the Physical Society of Japan, 2020, 89, 044714.	1.6	4
10	Voltage-Controlled Magnonic Spin Tunneling Junction. Journal of the Physical Society of Japan, 2020, 89, 013601.	1.6	1
11	Non-collinearity Effects on Magnetocrystalline Anisotropy for $\text{R}_2\text{Fe}_{14}\text{B}$ Magnets. Journal of the Physical Society of Japan, 2019, 88, 044804.	1.6	5
12	Analytic expression for magnetic activation energy. Japanese Journal of Applied Physics, 2019, 58, 058002.	1.5	2
13	Theoretical Study of Gilbert Damping Constants in Magnetic Multilayer Films. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	1
14	Theoretical Study of Gilbert Damping in Rare-Earth Permanent Magnets. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	2
15	Tunable Spin Seebeck Diode with Magnonic Spin Tunneling Junction. Journal of the Physical Society of Japan, 2018, 87, 125001.	1.6	5
16	Power law analysis for temperature dependence of magnetocrystalline anisotropy constants of $\text{Nd}_2\text{Fe}_{14}\text{B}$ magnets. AIP Advances, 2018, 8, 075114.	1.3	13
17	First-Principles Study on the Magnetic Damping of Transition Metals in the Presence of Spin Fluctuation. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	8
18	Spin-wave-induced spin torque in Rashba ferromagnets. Physical Review B, 2015, 91, .	3.2	3

#	ARTICLE	IF	CITATIONS
19	Direct expressions for magnetic anisotropy constants. Applied Physics Express, 2015, 8, 113003.	2.4	18
20	Theoretical evaluation of the temperature dependence of magnetic anisotropy constants of Nd <sub>2</sub> Fe <sub>14</sub> B: Effects of exchange field and crystal field strength. Applied Physics Express, 2015, 8, 043004.	2.4	31
21	Gilbert damping of ferromagnetic metals incorporating inhomogeneous spin dynamics. Journal of Applied Physics, 2015, 117, 17E122.	2.5	1
22	Theoretical Study on Gilbert Damping of Nonuniform Magnetization Precession in Ferromagnetic Metals. Journal of the Physical Society of Japan, 2012, 81, 114716.	1.6	17
23	Microscopic theory for Gilbert damping in materials with inhomogeneous spin dynamics. Journal of Applied Physics, 2012, 111, 07D117.	2.5	7
24	Charge and Spin Transport in Magnetic Tunnel Junctions: Microscopic Theory. Journal of the Physical Society of Japan, 2012, 81, 054709.	1.6	1
25	Microscopic Theory of Magnon-Drag Thermoelectric Transport in Ferromagnetic Metals. Journal of the Physical Society of Japan, 2012, 81, 113602.	1.6	14
26	Charge and spin currents in magnetic multi layers in the presence of both electric field and spin dynamics. Journal of Physics: Conference Series, 2011, 266, 012081.	0.4	0
27	Microscopic theory of spin torque induced by spin dynamics in magnetic tunnel junctions. Journal of Applied Physics, 2011, 109, 07C909.	2.5	4
28	Microscopic theory on the Gilbert damping due to spin pumping effects in the magnetic multi-layer system. Journal of Physics: Conference Series, 2011, 266, 012084.	0.4	1
29	Strength of Salt Core Composed of Alkali Carbonate and Alkali Chloride Mixtures Made by Casting Technique. Materials Transactions, 2007, 48, 1034-1041.	1.2	44