Takashi Manago

List of Publications by Year
in descending order

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26 papers	156 citations	1307594 7 h-index	1281871 11 g-index
26 all docs	26 docs citations	26 times ranked	167 citing authors

#	Article	IF	Citations
1	Thickness dependences of the dynamic magnetic properties of epitaxial YIG films prepared by a metalâ€“organic decomposition method. AIP Advances, 2022, 12, .	1.3	2
2	Spin wave propagation and nonreciprocity in metallic magnonic quasi-crystals. Journal Physics D: Applied Physics, 2022, 55, 115005.	2.8	1
3	Intensity nonreciprocity reversal of spin wave in magnonic crystal by specific wavenumber excitation. Journal Physics D: Applied Physics, 2022, 55, 365001.	2.8	3
4	Optically detected spinâ€“orbit torque ferromagnetic resonance in an in-plane magnetized ellipse. Applied Physics Letters, 2021, 118, .	3.3	3
5	Composition optimization of InAsxSb1â^'x/AlyIn1â^'ySb quantum wells for Hall sensors with high sensitivity and high thermal stability. AIP Advances, 2021, 11, 035213.	1.3	1
6	Ferromagnetic-waveguide width dependence of propagation properties for magnetostatic surface spin waves. AIP Advances, 2021, 11, .	1.3	3
7	Influence of the conductivity on spin wave propagation in a Permalloy waveguide. Journal of Applied Physics, 2019, 126, .	2.5	6
8	Magneto-optical images of submicron-size Bi-substituted YIG patterns prepared by electron-beam irradiated metal-organic decomposition. Japanese Journal of Applied Physics, 2019, 58, 060906.	1.5	3
9	Electrical detection of magnonic band gaps for metallic one-dimensional magnetic crystals. Applied Physics Express, 2019, 12, 053002.	2.4	5
10	Dependence of non-reciprocity in spin wave excitation on antenna configuration. Journal of Applied Physics, 2018, 124, .	2.5	15
11	Effect of distance between a magnet layer and an excitation antenna on the nonreciprocity of magnetostatic surface waves. Japanese Journal of Applied Physics, 2017, 56, 010309.	1.5	5
12	Preparation of epitaxial yttriumâ€“iron garnet micropatterns using metalâ€“organic decomposition with electron-beam irradiation. Japanese Journal of Applied Physics, 2017, 56, 110303.	1.5	1
13	Saturation of attenuation length of spin waves in thick permalloy films. Japanese Journal of Applied Physics, 2015, 54, 113001.	1.5	6
14	Relationship between transport properties and band diagrams in InAsxSb1â^'x/Al0.1In0.9Sb quantum wells. AIP Advances, 2015, 5, .	1.3	3
15	Thickness dependence of spin wave nonreciprocity in permalloy film. Japanese Journal of Applied Physics, 2015, 54, 083002.	1.5	18
16	Low temperature transport property of the InSb and InAsSb quantum wells with Al0.1In0.9Sb barrier layers grown by MBE. Journal of Crystal Growth, 2015, 425, 76-79.	1.5	4
17	Damping factor estimation using spin wave attenuation in permalloy film. Journal of Applied Physics, 2015, 117, .	2.5	12
18	Material dependence of magnetic force microscopy performance using carbon nanotube probes: Experiments and simulation. Journal of Applied Physics, 2014, 115, 093907.	2.5	1

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19	Micromagnetic simulation of CNT-MFM probes under magnetic field. Journal of the Korean Physical Society, 2013, 62, 1883-1886.	0.7	0
20	Measurement of the ferromagnetic resonance of a single micron dot by using a vector network analyzer. Journal of the Korean Physical Society, 2013, 63, 800-803.	0.7	0
21	Spin Wave Excitation and Propagation Properties in a Permalloy Film. Japanese Journal of Applied Physics, 2013, 52, 083001.	1.5	24
22	Size Dependence of Ferromagnetic Resonance Frequency in Submicron Patterned Magnet. Japanese Journal of Applied Physics, 2013, 52, 053001.	1.5	3
23	The advantages of the magnetic structure in ferromagnetic-film-coated carbon nanotube probes. Nanotechnology, 2012, 23, 035501.	2.6	9
24	Doping Level Dependence of Transport Properties in InAsSb Quantum Wells. Physics Procedia, 2010, 3, 1219-1224.	1.2	5
25	Hall effect and magnetoresistance analysis by electronâ€“hole coexisting model in AlInSb/InAsSb quantum wells. Journal of Crystal Growth, 2009, 311, 1711-1714.	1.5	9
26	Advantages of CNTâ€“MFM probes in observation of domain walls of soft magnetic materials. Surface Science, 2007, 601, 5289-5293.	1.9	14