Muneo Futamura

List of Publications by Year
in descending order

18	38	2258059 3	1872680 6
papers	citations	h-index	g-index

18	18	18	10
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Damping Characteristics of a Magnet Oscillating above a YBCO Superconductor. Japanese Journal of Applied Physics, 1998, 37, 3961-3964.	1.5	12
2	The behaviour of magnetic spherical particles and the heating effect in a rotating magnetic field via Brownian dynamics simulations. Molecular Physics, 2021, 119, e1892225.	1.7	8
3	Reciprocation Characteristics of a Magnet Levitated above a YBa2Cu3OxSuperconductor. Japanese Journal of Applied Physics, 1999, 38, 1365-1369.	1.5	3
4	Micro Reciprocating Actuator Using Magnetic Fluid and Two Permanent Magnets. Journal of Solid Mechanics and Materials Engineering, 2012, 6, 555-564.	0.5	3
5	Levitation stability of superconducting stators with addition of a ring-shaped magnet. Journal of Physics: Conference Series, 2018, 1054, 012088.	0.4	3
6	Improvement of levitation stability with superconducting stator adding ring shaped magnet. Transactions of the JSME (in Japanese), 2016, 82, 16-00002-16-00002.	0.2	2
7	Effects of Dimensions in Added Ring-Shaped Magnet on Superconducting Levitation. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	2
8	Rail Magnet Arrangements for Improved Stability of a Superconducting Transport System. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
9	Aggregate structures of a suspension composed of cubic hematite particles by means of three-dimensional Monte Carlo simulations. Transactions of the JSME (in Japanese), 2017, 83, 17-00378-17-00378.	0.2	1
10	Development of a simple assessment method regarding the overlap of spheroidal particles and its application to Monte Carlo simulations of magnetic particle suspensions. Transactions of the JSME (in) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.2	1
11	Attachment characteristics of charged magnetic cubic particles to two parallel electrodes (3D Monte) Tj ETQq1 1 0.784314 rgBT /Overl	2.0	1
12	Evaluation of Magnetic Loss in a YBa2Cu3OxSuperconductor. Japanese Journal of Applied Physics, 2003, 42, 4292-4296.	1.5	0
13	3D Monte Carlo simulations on the control of the aggregate structures of cubic magnetic particles in terms of an external electric field. Transactions of the JSME (in Japanese), 2018, 84, 18-00321-18-00321.	0.2	0
14	Lattice Boltzmann simulation for clarification of the mechanism of a microjet arising in an electro-conjugate fluid. Transactions of the JSME (in Japanese), 2018, 84, 17-00558-17-00558.	0.2	0
15	OS22-1-1 Micro Reciprocating Actuator using Magnetic Fluid and Two Permanent Magnets. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2011, 2011.10, _OS22-1-1-.	0.0	0
16	OS22F086 Micro Reciprocating Actuator using Magnetic Fluid and Two Permanent Magnets. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2011, 2011.10, _OS22F086--_OS22F086-.	0.0	0
17	Microenergy Converter Using Insect Wings. , 2008, , 307-318.		0
18	Brownian dynamics simulations on the trapping characteristics of magnetic rod-like particles via multi-magnetic poles. Transactions of the JSME (in Japanese), 2022, 88, .	0.2	0