Koichi Matsuda

List of Publications by Year
in descending order

12	1,870	1163117 8	1281871 11
papers	citations	h-index	g-index

13	13	13	4541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HTS Flux Pump Charging an HTS Coil: Experiment and Modeling. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	6
2	Charging an HTS Coil: Flux Pump With an HTS Square Bridge. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
3	Characterizing rare and low-frequency height-associated variants in the Japanese population. Nature Communications, 2019, 10, 4393.	12.8	123
4	Genetic analysis of quantitative traits in the Japanese population links cell types to complex human diseases. Nature Genetics, 2018, 50, 390-400.	21.4	613
5	Spectral-Distance-Based Detection of EMG Activity From Capacitive Measurements. IEEE Sensors Journal, 2018, 18, 8502-8509.	4.7	7
6	Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. Journal of Epidemiology, 2017, 27, S9-S21.	2.4	133
7	Overview of the BioBank Japan Project: Study design and profile. Journal of Epidemiology, 2017, 27, S2-S8.	2.4	451
8	Genome-wide association study identifies 112 new loci for body mass index in the Japanese population. Nature Genetics, 2017, 49, 1458-1467.	21.4	380
9	Generation and Confinement of Uniform Magnetic Field Using Second-Generation Superconducting Racetrack Coils. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	0
10	A flux pumping method applied to the magnetization of YBCO superconducting coils: frequency, amplitude and waveform characteristics. Superconductor Science and Technology, 2016, 29, 04LT01.	3.5	36
11	Linear Flux Pump Device Applied to High Temperature Superconducting (HTS) Magnets. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	52
12	New application of temperature-dependent modelling of high temperature superconductors: Quench propagation and pulse magnetization. Journal of Applied Physics, 2012, 112, .	2.5	61