Koichi Matsuda

List of Publications by Year
in descending order

12 papers	**1,870** citations	1163117 **8** h-index	1281871 **11** g-index
13 all docs	**13** docs citations	**13** times ranked	**4541** citing authors

#	Article	IF	Citations
1	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
2	Overview of the BioBank Japan Project: Study design and profile. Journal of Epidemiology, 2017, 27, S2-S8.	2.4	451
3	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
4	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
5	Characterizing rare and low-frequency height-associated variants in the Japanese population. Nature Communications, 2019, 10, 4393.	12.8	123
6	New application of temperature-dependent modelling of high temperature superconductors: Quench propagation and pulse magnetization. Journal of Applied Physics, 2012, 112, .	2.5	61
7	Linear Flux Pump Device Applied to High Temperature Superconducting (HTS) Magnets. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	52
8	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
9	Spectral-Distance-Based Detection of EMG Activity From Capacitive Measurements. IEEE Sensors Journal, 2018, 18, 8502-8509.	4.7	7
10	HTS Flux Pump Charging an HTS Coil: Experiment and Modeling. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	6
11	Charging an HTS Coil: Flux Pump With an HTS Square Bridge. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
12	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