

# Masayuki Kato

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Development of a Haptic Device Using a 2-DOF Linear Oscillatory Actuator. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	13
2	Control of three-degree-of-freedom resonant actuator driven by novel vector control. Transportation Systems and Technology, 2018, 4, 90-101.	0.4	10
3	Reduction of Rotational Vibration Using Coriolis Force Generated by Electromagnetic Oscillatory Actuator Moving in Radial Direction. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	5
4	Optimization of Asymmetric Acceleration Waveform for Haptic Device Driven by Two-Degree-of-Freedom Oscillatory Actuator. IEEJ Journal of Industry Applications, 2016, 5, 215-220.	1.1	5
5	A Novel Alternating Magnetic Field Generator Based on the Principle of Lattice Vibration in Crystals. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	4
6	Characteristic Evaluation of Linear Resonant Actuator Utilizing Electrical Resonance. IEEJ Journal of Industry Applications, 2018, 7, 175-180.	1.1	3
7	Intrinsic Localized Mode Using Nonlinear Magnetic Springs. , 2019, , .		3
8	Numerical Analysis of Magnetic Soliton Excited on Nonlinear LC Ladder Circuit Array Using Permanent Magnet Flux Biased Inductor. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	3
9	A New Method to Control Intrinsic Localized Mode Using a Variable Magnetic Spring Structure. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	1
10	Feasibility evaluation of new electric motors driven by intrinsic localized mode. Nonlinear Theory and Its Applications IEICE, 2021, 12, 475-488.	0.6	1
11	Intrinsic Localized Mode in a Multiple Mass Dynamic Vibration Systems Using Nonlinear Magnetic Springs. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 13-18.	1.4	0
12	Edge effect of multi-degree-of-freedom oscillatory actuator driven by vector control. Open Physics, 2020, 18, 346-351.	1.7	0