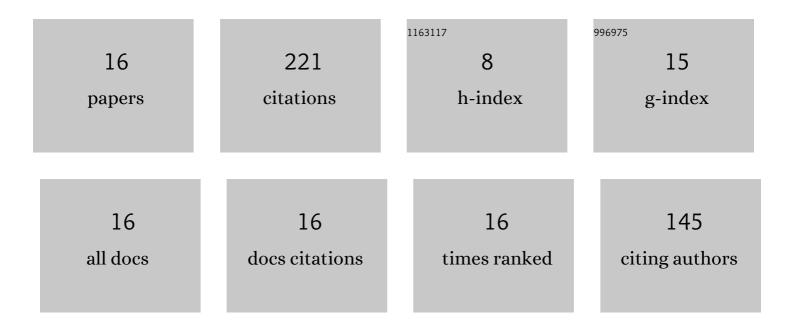
Ryoichi Morimoto

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nanobubble formation from ionic vacancies in an electrode reaction on a fringed disk electrode under a uniform vertical magnetic field â''1. Formation process in a vertical magnetohydrodynamic (MHD) flow. Journal of Electroanalytical Chemistry, 2022, 914, 116291.	3.8	4
2	Breaking of Odd Chirality in Magnetoelectrodeposition. Magnetochemistry, 2022, 8, 67.	2.4	1
3	Theory of Chiral Electrodeposition by Chiral Micro-Nano-Vortices under a Vertical Magnetic Field -1: 2D Nucleation by Micro-Vortices. Magnetochemistry, 2022, 8, 71.	2.4	0
4	Long-Term Electrodeposition under a Uniform Parallel Magnetic Field. 1. Instability of Two-Dimensional Nucleation in an Electric Double Layer. Journal of Physical Chemistry B, 2020, 124, 11854-11869.	2.6	8
5	Excess heat production in the redox couple reaction of ferricyanide and ferrocyanide. Scientific Reports, 2020, 10, 20072.	3.3	7
6	Long-Term Electrodeposition under a Uniform Parallel Magnetic Field. 2. Flow-Mode Transition from Laminar MHD Flow to Convection Cells with Two-Dimensional (2D) Nucleation. Journal of Physical Chemistry B, 2020, 124, 11870-11881.	2.6	2
7	Theory of microscopic electrodeposition under a uniform parallel magnetic field - 1. Nonequilibrium fluctuations of magnetohydrodynamic (MHD) flow. Journal of Electroanalytical Chemistry, 2019, 848, 113254.	3.8	17
8	Excess Heat Production by the Pair Annihilation of Ionic Vacancies in Copper Redox Reactions. Scientific Reports, 2019, 9, 13695.	3.3	8
9	Theory of microscopic electrodeposition under a uniform parallel magnetic field - 2. Suppression of 3D nucleation by micro-MHD flow. Journal of Electroanalytical Chemistry, 2019, 847, 113255.	3.8	15
10	Magneto-Dendrite Effect: Copper Electrodeposition under High Magnetic Field. Scientific Reports, 2017, 7, 45511.	3.3	29
11	Origin of Nanobubbles Electrochemically Formed in a Magnetic Field: Ionic Vacancy Production in Electrode Reaction. Scientific Reports, 2016, 6, 28927.	3.3	15
12	Lifetime of Ionic Vacancy Created in Redox Electrode Reaction Measured by Cyclotron MHD Electrode. Scientific Reports, 2016, 6, 19795.	3.3	18
13	Surface chirality induced by rotational electrodeposition in magnetic fields. Scientific Reports, 2013, 3, 2574.	3.3	37
14	Nonequilibrium fluctuations in micro-MHD effects on electrodeposition. Journal of Magnetism and Magnetic Materials, 2010, 322, 1664-1668.	2.3	36
15	Self-organization of Copper Secondary Nodules by the Second Micro-MHD Effect. ECS Transactions, 2008, 13, 15-24.	0.5	5
16	Nano-scale Crystal Formation in Copper Magneto-electrodeposition under Parallel Magnetic Fields. Electrochemistry, 2004, 72, 421-423.	1.4	19