

Kouji Taniguchi

List of Publications by Year in descending order

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times ranked

3718
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#	ARTICLE	IF	CITATIONS
1	Crucial Contribution of Polarity for the Bulk Photovoltaic Effect in a Series of Noncentrosymmetric Two-Dimensional Organic-Inorganic Hybrid Perovskites. <i>Chemistry of Materials</i> , 2022, 34, 4428-4436.	3.2	15
2	Chirality-Dependent Circular Photogalvanic Effect in Enantiomorphic 2D Organic-Inorganic Hybrid Perovskites. <i>Advanced Materials</i> , 2021, 33, e2008611.	11.1	48
3	Magneto-Electric Directional Anisotropy in Polar Soft Ferromagnets of Two-Dimensional Organic-Inorganic Hybrid Perovskites. <i>Angewandte Chemie</i> , 2021, 133, 14471-14475.	1.6	4
4	Magneto-Electric Directional Anisotropy in Polar Soft Ferromagnets of Two-Dimensional Organic-Inorganic Hybrid Perovskites. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14350-14354.	7.2	36
5	Magnetic Phase Switching Performance in an Fe-Tetraoxolene-Layered Metal-Organic Framework via Electrochemical Cycling. <i>Inorganic Chemistry</i> , 2021, 60, 9456-9460.	1.9	3
6	Electrochemical development of magnetic long-range correlations with $T_c = 128$ K in a tetraoxolene-bridged Fe-based framework. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 494, 165818.	1.0	10
7	Magnetic Correlation Engineering in Spin-Sandwiched Layered Magnetic Frameworks. <i>Chemistry - A European Journal</i> , 2020, 26, 16755-16766.	1.7	4
8	Bulk Photovoltaic Effect in a Pair of Chiral Polar Layered Perovskite-Type Lead Iodides Altered by Chirality of Organic Cations. <i>Journal of the American Chemical Society</i> , 2019, 141, 14520-14523.	6.6	113
9	Local-Site Dependency of Magneto-Chiral Dichroism in Enantiopure One-Dimensional Copper(II)-Chromium(III) Coordination Polymers. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 093708.	0.7	13
10	Strong magnetochiral dichroism for visible light emission in a rationally designed paramagnetic enantiopure molecule. <i>Physical Review Materials</i> , 2019, 3, .	0.9	25
11	Magnetic Switching by the In Situ Electrochemical Control of Quasi-Spin-Peierls Singlet States in a Three-Dimensional Spin Lattice Incorporating TTF-TCNQ Salts. <i>Chemistry - A European Journal</i> , 2018, 24, 4294-4303.	1.7	12
12	Charge-transfer Layered Assembly of a <i>trans</i> -Heteroleptic Paddlewheel-type Diruthenium(II, II) Complex with a TCNQ Derivative: Electrochemical Tuning of the Magnetism. <i>Chemistry Letters</i> , 2018, 47, 664-667.	0.7	9
13	Frontispiece: Magnetic Switching by the In Situ Electrochemical Control of Quasi-Spin-Peierls Singlet States in a Three-Dimensional Spin Lattice Incorporating TTF-TCNQ Salts. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
14	Metal-Organic Frameworks: In Situ Reversible Ionic Control for Nonvolatile Magnetic Phases in a Donor/Acceptor Metal-Organic Framework (Adv. Funct. Mater. 5/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	0
15	Magneto-ionic phase control in a quasi-layered donor/acceptor metal-organic framework by means of a Li-ion battery system. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 060307.	0.8	19
16	In Situ Reversible Ionic Control for Nonvolatile Magnetic Phases in a Donor/Acceptor Metal-Organic Framework. <i>Advanced Functional Materials</i> , 2017, 27, 1604990.	7.8	27
17	The Effect of Anion-sublattice Structure on the Displacement Reaction in Copper Sulfide Cathodes of Rechargeable Magnesium Batteries. <i>Chemistry Letters</i> , 2017, 46, 1240-1242.	0.7	29
18	Magnetic Phase Switching in a Tetraoxolene-Bridged Honeycomb Ferrimagnet Using a Lithium Ion Battery System. <i>Chemistry of Materials</i> , 2017, 29, 10053-10059.	3.2	31

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19	Construction of an Artificial Ferrimagnetic Lattice by Lithium Ion Insertion into a Neutral Donor/Acceptor Metal-Organic Framework. <i>Angewandte Chemie</i> , 2016, 128, 5324-5328.	1.6	10
20	Copper Selenide as a New Cathode Material based on Displacement Reaction for Rechargeable Magnesium Batteries. <i>Electrochimica Acta</i> , 2016, 210, 655-661.	2.6	86
21	Construction of an Artificial Ferrimagnetic Lattice by Lithium Ion Insertion into a Neutral Donor/Acceptor Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5238-5242.	7.2	40
22	Rechargeable Mg battery cathode TiS_3 with d-p orbital hybridized electronic structures. <i>Applied Physics Express</i> , 2016, 9, 011801.	1.1	48
23	Rechargeable magnesium-ion battery based on a $TiSe_2$ -cathode with d-p orbital hybridized electronic structure. <i>Scientific Reports</i> , 2015, 5, 12486.	1.6	142
24	Programmable Persistent Interfacial Metallic State Induced by Frozen Ions in Inorganic-Glass Solid Electrolyte. <i>Advanced Functional Materials</i> , 2015, 25, 3043-3048.	7.8	2
25	Reversible Electrochemical Insertion/Extraction of Mg and Li Ions for Orthorhombic Mo_9Se_{11} with Cluster Structure. <i>Journal of the Electrochemical Society</i> , 2015, 162, A198-A202.	1.3	19
26	Phase Interface Structures in $Li_1xRh_2O_4$ Zero Strain Cathode Material Analyzed by Scanning Transmission Electron Microscopy. <i>Chemistry of Materials</i> , 2015, 27, 938-943.	3.2	12
27	A new zero-strain material for electrochemical lithium insertion. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6550.	5.2	19
28	Interplay among spin, orbital, and lattice degrees of freedom in a frustrated spinel Mn_3O_4 . <i>Physical Review B</i> , 2013, 87, .	1.1	26
29	Magnetic structure of $Ba_2Mg_2Fe_{12}O_{22}$ under the magnetic field. <i>Journal of Physics: Conference Series</i> , 2012, 400, 032120.	0.3	0
30	Magnetic shape memory effect in orbital-spin-coupled system MnV_2O_4 . <i>Applied Physics Letters</i> , 2012, 100, 051905.	1.5	20
31	Electric-field-induced superconductivity at 9.4 K in a layered transition metal disulphide MoS_2 . <i>Applied Physics Letters</i> , 2012, 101, 042603.	1.5	180
32	Magnetic-field effects on Jahn-Teller distortion in ferroelastic magnetic insulator $Fe_xMn_xCr_2O_4$. <i>Applied Physics Letters</i> , 2011, 99, 082506.	1.5	10
33	Correlation between magnetocapacitance effect and polarization flop direction in a slanted magnetic field in multiferroic helimagnets. <i>Journal of Physics: Conference Series</i> , 2011, 320, 012088.	0.3	1
34	Correlation between the mobility of domain wall and polarization flop direction in a slanted magnetic field in the helimagnetic ferroelectrics $TbMnO_3$.	1.1	11
35	Control of the electric polarization flop direction by a canted magnetic field in a magnetoelectric multiferroic $MnWO_4$. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012203.	0.3	2
36	Observation of Spin Helicity Using Nonresonant Circularly Polarized X-ray Diffraction Analysis. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 043711.	0.7	9

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37	Temperature-dependent Raman scattering study of multiferroic MnWO ₄ . Journal of Raman Spectroscopy, 2010, 41, 1005-1010.	1.2	57
38	Optical imaging of coexisting collinear and spiral spin phases in the magnetoelectric multiferroic MnWO ₄ . Physical Review B, 2010, 81, .	1.1	10
39	Electronic structure and anomalous band-edge absorption feature in multiferroic MnWO ₄ . An optical spectroscopic study. Physical Review B, 2010, 81, .	1.1	20
40	Control of the polarization flop direction in multiferroic MnO ₃ (R = Tb, Dy) by a tilted magnetic field. Journal of Physics: Conference Series, 2010, 200, 012001.	0.3	4
41	Spatial Redistribution of Oxygen Ions in Oxide Resistance Switching Device after Forming Process. Japanese Journal of Applied Physics, 2010, 49, 060215.	0.8	15
42	Orbital dilution effect in ferrimagnetic FeMnCr ₂ O ₄ : competition between anharmonic lattice potential and spin-orbit coupling. Journal of Physics Condensed Matter, 2010, 22, 176003.	0.7	33
43	Magnetic Field-Induced Polarization Flop in Multiferroic TbMn ₂ O ₅ . Two distinct ferroelectric phases in the multiferroic TbMn ₂ O ₅ . Physical Review		51
44	Y-type hexaferrite Ba ₂ Y ₂ Fe ₁₆ O ₂₂ . Physical Review B, 2009, 80, .	1.1	52
45	Magnetoelectric Memory Effect of the Nonpolar Phase with Collinear Spin Structure in Multiferroic MnWO ₄ . Physical Review Letters, 2009, 102, 147201.	2.9	73
46	Periodic rotation of magnetization in a non-centrosymmetric soft magnet induced by an electric field. Nature Materials, 2009, 8, 634-638.	13.3	59
47	Control of the polarization flop direction by a tilted magnetic field in multiferroic TbMnO ₃ . Physical Review B, 2009, 80, .	1.1	33
48	Magnetic Control of Crystal Chirality and the Existence of a Large Magneto-Optical Dichroism Effect in CuB ₂ O ₄ . Physical Review Letters, 2008, 101, 117402.	2.9	88
49	Control of the Magnetoelectric Domain-Wall Stability by a Magnetic Field in a Multiferroic MnWO ₄ . Physical Review Letters, 2008, 101, 207205.	2.9	35
50	Gigantic Optical Magnetoelectric Effect in CuB ₂ O ₄ . Journal of the Physical Society of Japan, 2008, 77, 013705.	0.7	81
51	Correlation between ferroelectric polarization and sense of helical spin order in multiferroic MnWO ₄ . Magnetic field dependence of the ferroelectric polarization and spin-lattice coupling in	1.1	90
52	MnWO ₄ . Physical Review B, 2008, 77, .	1.1	68
53	Electrical control for anisotropy in charge-orbital order state of Bi _{1-x} Sr _x MnO ₃ (x ≈ 0.5) at room temperature. Applied Physics Letters, 2007, 90, 153501.	1.5	5
54	Orbital Ordering and Magnetic Field Effect in MnV ₂ O ₄ . Physical Review Letters, 2007, 98, 127203.	2.9	163

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55	Polarization Reversal in Multiferroic TbMnO_3 with a Rotating Magnetic Field Direction. Physical Review Letters, 2007, 99, 227206.	2.9	101
56	Effect of Mn-substitution on magnetic and structural properties in FeCr_2O_4 . Journal of Magnetism and Magnetic Materials, 2007, 310, 807-809.	1.0	13
57	Ferroelectric Polarization Flop in a Frustrated Magnet MnWO_4 Induced by a Magnetic Field. Physical Review Letters, 2006, 97, 097203.	2.9	406
58	Soft X-ray photoemission study of CaB_6 . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 659-661.	0.8	2
59	Raman study of the metal-insulator transition in pyrochlore Mn_2O_7 . Physical Review B, 2004, 70, .	1.1	20
60	Charge dynamics and possibility of ferromagnetism in $\text{A}_{1-x}\text{La}_x\text{B}_6$ (A=Ca and Sr). Physical Review B, 2002, 66, .	1.1	21
61	Resistance and Susceptibility Anomalies in IrTe_2 and Cu_2Te_4 . Journal of Low Temperature Physics, 1999, 117, 1129-1133.	0.6	72
62	Ferroelectric Polarization Reversal by a Magnetic Field in Multiferroic Y-type Hexaferrite $\text{Ba}_2\text{Mg}_2\text{Fe}_{12}\text{O}_{22}$. Applied Physics Express, 0, 1, 031301.	1.1	84
63	Magnetically Controllable Cu_2O_4 Phase Retarder. Applied Physics Express, 0, 1, 121302.	1.1	9
64	Electrical Control of In-Plane Anisotropy in Charge-Ordered State of Single-Layered Manganite $\text{La}_{1/2}\text{Sr}_{3/2}\text{MnO}_4$. Applied Physics Express, 0, 2, 033004.	1.1	4