

Tadashi C C Ozawa

List of Publications by Year in descending order

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3228
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#	ARTICLE	IF	CITATIONS
1	Fluorescence quantum yield of Gd _{0.9} R _x Eu _{0.1} OOH (R=Y, La) crystals. <i>Journal of Rare Earths</i> , 2015, 33, 1256-1260.	2.5	2
2	Efficient Photoinduced Charge Accumulation in Reduced Graphene Oxide Coupled with Titania Nanosheets To Show Highly Enhanced and Persistent Conductance. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11436-11443.	4.0	23
3	Accordion-like swelling of layered perovskite crystals via massive permeation of aqueous solutions into 2D oxide galleries. <i>Chemical Communications</i> , 2015, 51, 17068-17071.	2.2	35
4	Synthesis of LiCoO ₂ epitaxial thin films using a sol-gel method. <i>Journal of Power Sources</i> , 2015, 274, 417-423.	4.0	32
5	Superlattice assembly of graphene oxide (GO) and titania nanosheets: fabrication, in situ photocatalytic reduction of GO and highly improved carrier transport. <i>Nanoscale</i> , 2014, 6, 14419-14427.	2.8	25
6	Chemical composition and magnetic property modifications of Na ₂ Ti ₂ Sb ₂ O using PTFE as an alkali-metal ion extraction reagent. <i>Journal of Fluorine Chemistry</i> , 2014, 168, 189-192.	0.9	3
7	Partial alkali-metal ion extraction from K _{0.8} (Li _{0.27} Ti _{1.73})O ₄ using PTFE as an extraction reagent. <i>Dalton Transactions</i> , 2014, 43, 14902-14908.	1.6	9
8	Versatile van der Waals epitaxy-like growth of crystal films using two-dimensional nanosheets as a seed layer: orientation tuning of SrTiO ₃ films along three important axes on glass substrates. <i>Journal of Materials Chemistry C</i> , 2014, 2, 441-449.	2.7	58
9	Bulk Functional Materials Design Using Oxide Nanosheets as Building Blocks: A New Upconversion Material Fabricated by Flocculation of Ca ₂ Nb ₃ O ₁₀ Nanosheets with Rare-Earth Ions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1729-1738.	1.5	19
10	Correlation between magnetism and crystal symmetry in the mixed valence system of Sr _{1-x} Ca _x Ru _{0.5} Mn _{0.5} O ₃ . <i>Journal of the Korean Physical Society</i> , 2013, 62, 1887-1892.	0.3	0
11	Soft-Chemical Exfoliation of RbSrNb ₂ O ₆ F into Homogeneously Unilamellar Oxyfluoride Nanosheets. <i>Inorganic Chemistry</i> , 2013, 52, 415-422.	1.9	13
12	Metal-insulator-metal transition in Ti substituted antiferromagnetic Ru ₂ MnGe Heusler alloy. <i>Journal of Alloys and Compounds</i> , 2013, 553, 389-394.	2.8	6
13	Spin-polarized itinerant electrons in Co-based Heusler compounds investigated by magnetic Compton scattering. <i>Journal of Applied Physics</i> , 2012, 111, 063915.	1.1	8
14	Exploration of Mid-Temperature Alkali-Metal-Ion Extraction Route Using PTFE (AEP): Transformation of $\sqrt{2}$ -NaFeO ₂ -Type Layered Oxides into Rutile-Type Binary Oxides. <i>Inorganic Chemistry</i> , 2012, 51, 7317-7323.	1.9	6
15	Effect of Fe substitution on magnetic properties of antiferromagnetic Heusler alloy Ru ₂ MnGe. <i>Journal of Alloys and Compounds</i> , 2012, 510, 141-146.	2.8	9
16	The role of 3d electrons in the appearance of ferromagnetism in the antiferromagnetic Ru ₂ MnGe Heusler compound: a magnetic Compton scattering study. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 255601.	0.7	5
17	RbBiNb ₂ O ₇ : A New Lead-Free High-T _c Ferroelectric. <i>Chemistry of Materials</i> , 2012, 24, 3111-3113.	3.2	60
18	Synthesis and Characterization of CaPd ₃ O ₄ Crystals. <i>Journal of Crystallization Process and Technology</i> , 2012, 02, 16-20.	0.6	8

#	ARTICLE	IF	CITATIONS
19	Soft-Chemical Exfoliation of $\text{Na}_{0.9}\text{Mo}_2\text{O}_4$: Preparation and Electrical Conductivity Characterization of a Molybdenum Oxide Nanosheet. <i>Chemistry of Materials</i> , 2011, 23, 2700-2702.	3.2	48
20	Magnetic and Transport Properties of Heusler Compound Co_2TiAl . <i>IEEE Transactions on Magnetics</i> , 2011, 47, 2444-2446.	1.2	2
21	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09NA10.	0.8	6
22	A bona fide two-dimensional percolation model: an insight into the optimum photoactivator concentration in $\text{La}_{2/3-x}\text{Eu}_x\text{TaO}_7$ nanosheets. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 044601.	2.8	4
23	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09NA10.	0.8	12
24	Exfoliation of Layered Europium Hydroxide into Unilamellar Nanosheets. <i>Chemistry - an Asian Journal</i> , 2010, 5, 248-251.	1.7	96
25	Ferromagnetism and spin reorientation in $\text{Sm}_{12}\text{Fe}_{14}\text{Al}_5$. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, L19-L24.	1.0	4
26	A-Site-Modified Perovskite Nanosheets and Their Integration into High- ϵ^r Dielectric Thin Films with a Clean Interface. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 09MA01.	0.8	16
27	Impact of perovskite layer stacking on dielectric responses in $\text{KCa}_2\text{NaN}_{n-3}\text{NbO}_{3n+1}$ ($n=3\text{--}6$) Dionâ€“Jacobson homologous series. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	26
28	Appearance of ferromagnetism in Heusler alloy $\text{Ru}_2\text{Mn}_{1-x}\text{V}_x\text{Ge}$. <i>Journal of Physics: Conference Series</i> , 2010, 200, 052017.	0.3	7
29	Variation of the Ru moment in the $\text{Ca}_{0.3}\text{Sr}_{0.7}\text{Ru}_{1-x}\text{Mn}_x\text{O}_3$ system. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 145601.	0.7	3
30	Synthesis of a Solid Solution Series of Layered $\text{Eu}_x\text{Gd}_{1-x}(\text{OH})_{2.5}\text{Cl}_{0.5}\cdot 0.9\text{H}_2\text{O}$ and Its Transformation into $(\text{Eu}_x\text{Gd}_{1-x})_2\text{O}_3$ with Enhanced Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2010, 49, 2960-2968.	1.9	78
31	Antiferromagnetism of LnRhO_3 (Ln= rare earth). <i>Journal of Alloys and Compounds</i> , 2010, 506, 27-32.	2.8	14
32	Engineered Interfaces of Artificial Perovskite Oxide Superlattices via Nanosheet Deposition Process. <i>ACS Nano</i> , 2010, 4, 6673-6680.	7.3	141
33	An Alkali-Metal Ion Extracted Layered Compound as a Template for a Metastable Phase Synthesis in a Low-Temperature Solid-State Reaction: Preparation of Brookite from $\text{K}_{0.8}\text{Ti}_{1.73}\text{Li}_{0.27}\text{O}_4$. <i>Inorganic Chemistry</i> , 2010, 49, 3044-3050.	1.9	17
34	Orbital magnetic moment in Ir doped CaMnO_3 . <i>Journal of Physics Condensed Matter</i> , 2009, 21, 336001.	0.7	2
35	Large anisotropic magnetoresistance of ruthenium-based Heusler alloys. <i>Journal of Applied Physics</i> , 2009, 105, 07E513.	1.1	7
36	Magnetic ground states of $\text{CaRu}_{1-x}\text{Mn}_x\text{O}_3$ (0.2) T_j ETQqO O rgBT /Overlock 10 276003.	0.7	5

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37	Solution-Based Fabrication of Perovskite Nanosheet Films and Their Dielectric Properties. Japanese Journal of Applied Physics, 2009, 48, 09KA15.	0.8	15
38	Oriented Monolayer Film of $Gd_2O_3:0.05\%Eu$ Crystallites: Quasi-Topotactic Transformation of the Hydroxide Film and Drastic Enhancement of Photoluminescence Properties. Angewandte Chemie - International Edition, 2009, 48, 3846-3849.	7.2	128
39	Electrochemical crystal growth of perovskite ruthenates. Journal of Crystal Growth, 2009, 311, 623-626.	0.7	6
40	Enhancement of Host Excitation-Mediated Photoluminescence and Preferential Quenching of Direct Photoactivator Excitation-Mediated Photoluminescence by Exfoliation of Layered $KLa_0.90Sm_0.05Nb_2O_7$ into $La_0.90Sm_0.05Nb_2O_7$ Nanosheets. Journal of Physical Chemistry C, 2009, 113, 8735-8742.	1.5	26
41	Catalysis and proton-conduction of novel phosphate glasses. Journal of Non-Crystalline Solids, 2009, 355, 960-964.	1.5	11
42	Synthesis and properties of $LnRu_2P_2$ (Ln = lanthanides) crystals. Journal of Alloys and Compounds, 2009, 468, 28-33.	2.8	5
43	Synthesis and characterization of neodymium oxyhydroxide crystals. Journal of Alloys and Compounds, 2009, 468, 566-570.	2.8	12
44	Phase equilibria in the $BaO-MgO-Ta_2O_5$ system. Journal of Materials Chemistry, 2009, 19, 8212.	6.7	16
45	Ferromagnetism in $CaMn_2Ir_3O_{10}$. Journal of Physics Condensed Matter, 2008, 20, 235242.	0.7	8
46	$(K_{1.5}Eu_{0.5})Ta_3O_{10}$: A Far-Red Luminescent Nanosheet Phosphor with the Double Perovskite Structure. Journal of Physical Chemistry C, 2008, 112, 17115-17120.	1.5	47
47	Low temperature magnetic properties of layered compounds: $NaLnTiO_4$ (Ln=Sm, Eu, Gd, Tb, Dy, Ho and Tj). T_j ETQq1 1,0.784314 rgBT / Qv	2.8	11
48	Magnetic spin interactions observed by heat capacity measurements for layered compounds: $NaLnTiO_4$ (Ln=Sm, Eu, Gd, Tb, Dy, Ho and Er). Journal of Alloys and Compounds, 2008, 448, 64-68.	2.8	4
49	Synthesis and characterization of electron and hole doped ternary palladium oxide: $Sr_{1-x}AxPd_3O_4$ (A=Na, Bi). Journal of Alloys and Compounds, 2008, 448, 77-83.	2.8	10
50	Magnetization and specific heat measurement of the Shastry-Sutherland lattice compounds: Ln_2BaPdO_5 (Ln=La, Pr, Nd, Sm, Eu, Gd, Dy, Ho). Journal of Alloys and Compounds, 2008, 448, 96-103.	2.8	10
51	Oriented films of layered rare-earth hydroxide crystallites self-assembled at the hexane/water interface. Chemical Communications, 2008, , 4897.	2.2	75
52	$Eu_{0.56}Ta_2O_7$: A New Nanosheet Phosphor with the High Intrananosheet Site Photoactivator Concentration. Journal of Physical Chemistry C, 2008, 112, 1312-1315.	1.5	52
53	Chemistry of layered d-metal pnictide oxides and their potential as candidates for new superconductors. Science and Technology of Advanced Materials, 2008, 9, 033003.	2.8	115
54	Crystallographic and magnetic properties of the mixed-valence oxides $CaRuMn_3O_{11}$ and $MnRuMn_3O_{11}$. Phys		

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55	Ferromagnetism of $\text{Ca}_{1-y}\text{Sr}_y\text{Ru}_{1-x}\text{Mn}_x\text{O}_3$. Journal of Applied Physics, 2008, 103, 07C906.	1.1	5
56	Magnetism of $\text{CaRu}_{1-x}\text{Mn}_x\text{O}_3$: Magnetic Compton scattering study. Journal of Applied Physics, 2008, 103, 07C910.	1.1	5
57	Anomalous volume expansion in $\text{CaRu}_{0.85}\text{Fe}_{0.15}\text{O}_3$: Neutron powder diffraction and magnetic Compton scattering. Physical Review B, 2007, 75, .	1.1	11
58	Preparation and Characterization of the Eu^{3+} Doped Perovskite Nanosheet Phosphor: $\text{La}_{0.90}\text{Eu}_{0.05}\text{Nb}_2\text{O}_7$. Chemistry of Materials, 2007, 19, 6575-6580.	3.2	120
59	Synthesis of lanthanum oxyhydroxide single crystals using an electrochemical method. Journal of Crystal Growth, 2007, 304, 448-451.	0.7	21
60	Functional intermetallic compounds in the samarium-iron system. Science and Technology of Advanced Materials, 2006, 7, 46-51.	2.8	10
61	Catalysts for hydrogen generation from water vapor. Science and Technology of Advanced Materials, 2006, 7, 52-55.	2.8	5
62	Direct observation of the induced moment on nonmagnetic Ru: A magnetic Compton study of $\text{CaRu}_{0.85}\text{Fe}_{0.15}\text{O}_3$. Physical Review B, 2006, 74, .	1.1	9
63	Magnetic properties of $\text{CaRu}_{1-x}\text{Fe}_x\text{O}_3$. Journal of Applied Physics, 2006, 99, 08F703.	1.1	10
64	X-ray photoelectron spectroscopy studies of $\text{Yb}_{14}\text{MnSb}_{11}$ and $\text{Yb}_{14}\text{ZnSb}_{11}$. Journal of Solid State Chemistry, 2005, 178, 262-269.	1.4	58
65	Spin frustration and antiferromagnetic long range order in (earth). Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 337, 130-134.	0.9	5
66	Characterization of an epitaxial CaRuO_3 film prepared via the sol-gel route. Thin Solid Films, 2005, 478, 1-5.	0.8	8
67	Epitaxial ABO ₃ -type oxide films prepared by the sol-gel method. IEEE Transactions on Magnetics, 2005, 41, 3355-3357.	1.2	1
68	Antiferromagnetism of R_2BaPdO_5 (R = La, Nd, Pr, Sm, Eu, Gd, Dy, Ho). Journal of Alloys and Compounds, 2005, 386, 63-69.	2.8	15
69	Metal-insulator transition and large thermoelectric power of a layered palladium oxide: PbPdO_2 . Journal of Alloys and Compounds, 2005, 388, 1-5.	2.8	35
70	Cu doping and pressure effect on a layered palladium oxide: PbPdO_2 . Journal of Alloys and Compounds, 2005, 395, 32-35.	2.8	21
71	Magnetic and transport properties in Fe_3VAl . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 783-784.	1.0	3
72	Balls&Sticks: easy-to-use structure visualization and animation program. Journal of Applied Crystallography, 2004, 37, 679-679.	1.9	196

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73	Single crystal growth and characterization of a layered transition metal pnictide oxide: Na ₂ Ti ₂ Sb ₂ O. Journal of Crystal Growth, 2004, 265, 571-576.	0.7	29
74	Superconductivity of MRhGe ₂ (M = Zr, Hf). Journal of Alloys and Compounds, 2004, 368, 51-57.	2.8	9
75	Magnetism of CaRuO ₃ crystal. Journal of Alloys and Compounds, 2004, 372, 58-64.	2.8	33
76	Insulator-metal transition induced in Sr _{1-x} NaxPd ₃ O ₄ for small Na-substitutions. Journal of Alloys and Compounds, 2004, 373, 67-72.	2.8	12
77	NaCl/KCl Flux Single Crystal Growth and Crystal Structure of the New Quaternary Mixed-Metal Pnictide: BaCuZn ₃ As ₃ . ChemInform, 2003, 34, no.	0.1	0
78	NaCl/KCl Flux Single Crystal Growth and Crystal Structure of the New Quaternary Mixed-Metal Pnictide: BaCuZn ₃ As ₃ . Inorganic Chemistry, 2003, 42, 3183-3186.	1.9	14
79	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. Science, 2002, 298, 2358-2361.	6.0	599
80	The Effect of Interlayer Cations on the Magnetic Properties of the Mixed-Metal Pnictide Oxides: A ₂ MnZn ₂ As ₂ O ₂ (A = Sr, Ba). Chemistry of Materials, 2001, 13, 973-980.	3.2	23
81	Possible Charge-Density-Wave/Spin-Density-Wave in the Layered Pnictide Oxides: Na ₂ Ti ₂ Pn ₂ O (Pn = As, Sb). Journal of Solid State Chemistry, 2001, 153, 275-281.	3.2	51
82	Powder Neutron Diffraction Studies of Na ₂ Ti ₂ Sb ₂ O and Its Structure-Property Relationships. Journal of Solid State Chemistry, 2000, 153, 275-281.	1.4	49
83	Physical properties of Ba ₂ MnZn ₂ As ₂ O ₂ . Physica B: Condensed Matter, 2000, 284-288, 1424-1425.	1.3	7
84	Electronic and Magnetic Properties of d ¹ Pnictide-Oxides: Na ₂ Ti ₂ Pn ₂ O (Pn = As, Sb). Materials Research Society Symposia Proceedings, 2000, 658, 411.	0.1	0
85	Yb ₁₄ ZnSb ₁₁ : Charge Balance in Zintl Compounds as a Route to Intermediate Yb Valence. Physical Review Letters, 2000, 85, 1120-1123.	2.9	85
86	Synthesis and Characterization of a New Compound with Alternating MnO ₂ -and ZnAs ₂ -Layers: Ba ₂ MnZn ₂ As ₂ O ₂ . Chemistry of Materials, 1998, 10, 392-396.	3.2	27
87	Phase Transition and Spin-gap Behavior in a Layered Tetragonal Pnictide Oxide. Journal of Solid State Chemistry, 1997, 134, 423-426.	1.4	82