

Tsunetomo Yamada

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A four-dimensional model for the BaTiO dodecagonal quasicrystal. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 247-252.	0.5	1
2	Superstructure formation in a ternary Yb-Cd-Mg 1/1 quasicrystal approximant. Philosophical Magazine, 2021, 101, 257-275.	0.7	1
3	Magnetism of Tsai-Type Quasicrystal Approximants. Materials Transactions, 2021, 62, 298-306.	0.4	24
4	2/1 and 1/1 cubic approximants in the ternary R-Cd-Mg ($\text{R} = \text{Y, Er}$) systems. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 638-648.	0.5	2
5	<code><i>PyQCstrc.ico</i></code> : a computing package for structural modelling of icosahedral quasicrystals. Journal of Applied Crystallography, 2021, 54, 1252-1255.	1.9	0
6	Experimental Observation of Long-Range Magnetic Order in Icosahedral Quasicrystals. Journal of the American Chemical Society, 2021, 143, 19938-19944.	6.6	46
7	The structure solution of the F-type i-ZnMgHf from the X-ray diffraction. Materials Science and Technology, 2020, 36, 989-995.	0.8	1
8	Growth and characterisation of single grain Al-Cu-Ru icosahedral quasicrystals from self-fluxes. Philosophical Magazine, 2020, 100, 2220-2243.	0.7	1
9	Magnetic properties of icosahedral quasicrystals and their cubic approximants in the Cd-Mg-RE ($\text{RE} = \text{Tj, Er, Qq1, 1, 0.7843, 14, rgBT, M}$) systems. Philosophical Magazine, 2020, 100, 2220-2243.	0.7	1
10	Ferromagnetic 2/1 quasicrystal approximants. Physical Review B, 2020, 101, .	1.1	20
11	Structural-transition-driven antiferromagnetic to spin-glass transition in Cd-Mg-Tb 1/1 approximants. Journal of Physics Condensed Matter, 2020, 32, 485801.	0.7	6
12	Formation of an Intermediate Valence Icosahedral Quasicrystal in the Au-Sn-Yb System. Inorganic Chemistry, 2019, 58, 9181-9186.	1.9	11
13	Synthesis and Atomic Structure of the Yb-Ga-Au 1/1 Quasicrystal Approximant. Inorganic Chemistry, 2019, 58, 6320-6327.	1.9	5
14	Conductivity Modulation by CaVO_3 -based All-solid-state Redox Transistor with Ion Transport of Li^+ or H^+ . Transactions of the Materials Research Society of Japan, 2019, 44, 57-60.	0.2	4
15	Antiferromagnetic order survives in the higher-order quasicrystal approximant. Physical Review B, 2019, 100, .	1.1	22
16	Probing Single Pt Atoms in Complex Intermetallic $\text{Al}_{13}\text{Fe}_4$. Journal of the American Chemical Society, 2018, 140, 3838-3841.	6.6	33
17	Antiferromagnetic order is possible in ternary quasicrystal approximants. Physical Review B, 2018, 98, .	1.1	38
18	Direct observation of heterogeneous valence state in Yb-based quasicrystalline approximants. Physical Review B, 2017, 96, .	1.1	6

#	ARTICLE	IF	CITATIONS
19	Atomic structures of ternary Yb-Cd-Mg icosahedral quasicrystals and a 1/1 approximant. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 1125-1141.	0.5	15
20	Atomic structure and phason modes of the Zn icosahedral quasicrystal. IUCrJ, 2016, 3, 247-258.	1.0	20
21	Atomic structure of the i -Cd quasicrystals and consequences for magnetism. Physical Review B, 2016, 94, .	1.1	16
22	Lattice dynamics of the icosahedral quasicrystals i -ZnMgSc and i -ZnAgSc and the cubic 1/1-approximant Zn_6Sc . Journal of Physics Condensed Matter, 2014, 26, 055402.	0.7	7
23	In-situ high-pressure X-ray diffraction on the Zn_6Sc 1/1 periodic cubic approximant to a quasicrystal. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, .	0.4	1
24	Short- and long-range ordering during the phase transition of the Zn_6Sc 1/1 cubic approximant. Journal of Physics Condensed Matter, 2013, 25, 205405.	0.7	10
25	Atomic Dynamics in Complex Metallic Alloys. Materials Research Society Symposia Proceedings, 2013, 1517, 1.	0.1	0
26	Tetrahedron dynamics in the icosahedral quasicrystals i -ZnMgSc and i -ZnAgSc and the cubic 1/1-approximant Zn_6Sc . Journal of Physics Condensed Matter, 2013, 25, 115405.	0.7	11
27	Dynamical Flexibility in the Periodic Zn_6Sc 1/1-Approximant. , 2013, , 253-259.		0
28	Ordering and dynamics of the central tetrahedron in the 1/1 Zn_6Sc periodic approximant to quasicrystal. Journal of Physics Condensed Matter, 2012, 24, 415403.	0.7	18
29	Antiferromagnetic order in the quasicrystal approximant $Cd_{10}Tb_{10}$ studied by x-ray resonant magnetic scattering. Physical Review B, 2012, 85, .	1.1	28
30	Experimental evidence for a phase transition in a Zn_6Sc cubic approximant. Physical Review B, 2010, 82, .	1.1	18
31	Effect of atom substitution on the low-temperature phase transitions in Cd- and Zn-based 1/1 cubic approximants. Zeitschrift Fur Kristallographie - Crystalline Materials, 2009, 224, 101-104.	0.4	4
32	^{57}Fe Mössbauer Effect Study of Zn-Cd-Fe Icosahedral Quasicrystal and Its 1/1 Crystal Approximant. Japanese Journal of Applied Physics, 2008, 47, 3581-3583.	0.8	2