

Ryuji Tamura

List of Publications by Year in descending order

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papers

2,063
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257357

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165
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165
docs citations

165
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	Superconductivity and Structural Phase Transitions in Caged Compounds $R\text{T}_{20}\text{Zn}_{20}$ (R = La, Pr, T = Ru, Ir). Journal of the Physical Society of Japan, 2010, 79, 033704.	0.7	160
2	Structural modification and metamagnetic anomaly in the ordered state of CeOs_2 . Physical Review B, 2010, 81, .	1.1	83
3	Long-range magnetic order in the quasicrystalline approximant Cd_6 . Physical Review B, 2010, 82, .	1.1	73
4	Scanning tunneling microscopy of an Al-Ni-Co decagonal quasicrystal. Physical Review B, 2002, 65, .	1.1	59
5	A Low-Temperature Order-Disorder Transition in a Cubic Cd_6Yb Crystalline Approximant. Japanese Journal of Applied Physics, 2002, 41, L524-L526.	0.8	57
6	Hard metallic glass of tungsten-based alloy. Applied Physics Letters, 2004, 84, 4911-4913.	1.5	49
7	A Unified Picture for Icosahedral Cluster Solids in Boron-Based and Aluminum-Based Compounds. Journal of Solid State Chemistry, 1997, 133, 302-309.	1.4	47
8	Experimental Observation of Long-Range Magnetic Order in Icosahedral Quasicrystals. Journal of the American Chemical Society, 2021, 143, 19938-19944.	6.6	46
9	Coexistence of superconductivity and charge-density wave in the quasi-one-dimensional material HfTe_3 . Scientific Reports, 2017, 7, 45217.	1.6	43
10	Ferromagnetism and re-entrant spin-glass transition in quasicrystal approximants Au-SM-Gd (SM = Si, Tj). $T_{\text{c}} \approx 0.0 \text{ K}$, $T_{\text{sg}} \approx 0.0 \text{ K}$. Overlooked	0.7	41
11	Positron-annihilation studies of stable Al-based icosahedral quasicrystals. Physical Review B, 1999, 59, 6712-6716.	1.1	40
12	Semiconductorlike transport in highly ordered Al-Cu-Ru quasicrystals. Physical Review B, 1994, 50, 9640-9643.	1.1	39
13	Antiferromagnetic order is possible in ternary quasicrystal approximants. Physical Review B, 2018, 98, .	1.1	38
14	Universal low-temperature phase transition in Zn- and Cd-based crystalline approximants. Physical Review B, 2005, 71, .	1.1	36
15	Composition-driven spin glass to ferromagnetic transition in the quasicrystal approximant Au-Al-Gd. Physical Review B, 2016, 93, .	1.1	34
16	Whirling spin order in the quasicrystal approximant $\text{Au}_{12}\text{Mn}_{14}$. Physical Review B, 2019, 100, .	1.1	34
17	Syntheses optimization, structural and thermoelectric properties of 1/1 Tsai-type quasicrystal approximants in RE-Au-SM systems (RE=Yb, Gd and SM=Si, Ge). Journal of Physics Condensed Matter, 2013, 25, 135402.	0.7	33
18	Low-temperature structural phase transition in a $\text{Cd}_6\text{Y}_{1/1}$ approximant. Physical Review B, 2003, 68, .	1.1	32

#	ARTICLE	IF	CITATIONS
19	Anomalous Transport Behavior of a Binary Cd-Yb Icosahedral Quasicrystal. Japanese Journal of Applied Physics, 2001, 40, L912-L914.	0.8	30
20	Sign of canted ferromagnetism in the quasicrystal approximants Au-SM-R (SM = Si, Ge and Sn / R = Tb, Dy) Tj ETQq0.0.0 rgBTj Overlock	0.7	30
21	Composition-Dependent Electrical Resistivity in an Al-Re-Si 1/1-Cubic Approximant Phase: An Indication of Electron Confinement in Clusters. Physical Review Letters, 2001, 86, 3104-3107.	2.9	28
22	Order-disorder transition in cubic Cd ₆ Yb and Cd ₆ Ca. Journal of Non-Crystalline Solids, 2004, 334-335, 173-176.	1.5	28
23	Antiferromagnetic order in the quasicrystal approximant Cd $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Tb}$ studied by x-ray resonant magnetic scattering. Physical Review B, 2012, 85, .	1.1	28
24	Machine Learning to Predict Quasicrystals from Chemical Compositions. Advanced Materials, 2021, 33, e2102507.	11.1	26
25	Noncoplanar ferrimagnetism and local crystalline-electric-field anisotropy in the quasicrystal approximant Au ₇₀ Si ₁₇ Tb ₁₃ . Journal of Physics Condensed Matter, 2020, 32, 415802.	0.7	25
26	High-temperature specific heat of quasicrystals and a crystal approximant. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 312, 293-298.	2.6	24
27	Structural and magnetic transitions in the crystalline approximant Cd $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Sm}$. Physical Review B, 2012, 85, .	1.1	24
28	Magnetism of Tsai-Type Quasicrystal Approximants. Materials Transactions, 2021, 62, 298-306.	0.4	24
29	Comparative study of the binary icosahedral quasicrystal Cd ₅ Yb and its crystalline approximant Cd ₆ Yb by low-temperature ultrahigh-resolution photoemission spectroscopy. Physical Review B, 2002, 65, .	1.1	23
30	Catalytic properties of Ni-Fe-Mg alloy nanoparticle catalysts for methanol decomposition. Catalysis Today, 2017, 281, 669-676.	2.2	23
31	Experimental Evidence for the d ² Hybridization in the Cd-Ca Quasicrystal: Origin of the Pseudogap. Physical Review Letters, 2004, 92, 146402.	2.9	22
32	Antiferromagnetic order survives in the higher-order quasicrystal approximant. Physical Review B, 2019, 100, .	1.1	22
33	Thermoelectric Properties of Binary Cd-Yb Quasicrystal and Its Approximant. Japanese Journal of Applied Physics, 2002, 41, 3787-3790.	0.8	21
34	Tungsten-Based Metallic Glasses with High Crystallization Temperature, High Modulus and High Hardness. Materials Transactions, 2005, 46, 48-53.	0.4	21
35	Low-temperature superstructures of a series of Cd ₆ M (M = Ca, Y, Sr, Pr, Nd, Sm, Gd, Tb, Dy) Tj ETQq1.1.0.784314 rgBTj /Ov	0.7	21
36	Is the Negative Temperature Coefficient of the Resistivity of the Quasicrystals due to Chemical Disorder?. Physical Review Letters, 2003, 90, 226401.	2.9	20

#	ARTICLE	IF	CITATIONS
37	Group theoretical treatment of the low-temperature phase transition of the Cd_6CaI -cubic approximant. <i>Physical Review B</i> , 2005, 72, .	1.1	20
38	Nonmagnetic ground states and phase transitions in the caged compounds PrT_2Zn_{20} (T = Ru, Rh and Ir). <i>Journal of Physics Condensed Matter</i> , 2012, 24, 294207.	0.7	20
39	Ferromagnetic 2/1 quasicrystal approximants. <i>Physical Review B</i> , 2020, 101, .	1.1	20
40	Plastic deformation of icosahedral Al-Pd-Mn single quasicrystals to large strains II. Deformation mechanism. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2002, 82, 379-385.	0.7	18
41	Fabrication of refractory metal based metallic glasses. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 449-451, 260-263.	2.6	18
42	Experimental evidence for a phase transition in a Zn_6Sc cubic approximant. <i>Physical Review B</i> , 2010, 82, .	1.1	18
43	Ordering and dynamics of the central tetrahedron in the $1/1 Zn_6Sc$ periodic approximant to quasicrystal. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 415403.	0.7	18
44	Production of quasicrystals and crystalline approximants in the $Al-Pd(Fe,Ru,Os)$ systems. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 294-296, 61-64.	2.6	17
45	Antiferromagnetic order and the structural order-disorder transition in the Cd_6Ho quasicrystal approximant. <i>Philosophical Magazine Letters</i> , 2013, 93, 512-520.	0.5	17
46	Internal friction of hydrogen-doped metallic glasses of high glass forming ability. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 370, 264-267.	2.6	16
47	Plastic deformation of icosahedral Al-Pd-Mn single quasicrystals to large strains I. Experiments. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 2002, 82, 369-377.	0.7	15
48	Phenomenological Magnetic Model in Tsai-Type Approximants. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 053701.	0.7	15
49	Plastic deformation and hardness in $MgZn(Y, Ho)$ icosahedral quasicrystals. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 294-296, 786-789.	2.6	14
50	Electrical properties of the binary icosahedral quasicrystal and its approximant in the $CdYb$ system. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 375-377, 1002-1005.	2.6	14
51	Photoconductivity of Icosahedral $Al_{70.5}Pd_{21}Re_{8.5}$: Semiconductorlike Behavior of Quasicrystals. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1924-1927.	0.7	14
52	Thermoelectric properties of Sb-doped $Mg_2(Si_{0.95}Ge_{0.05})$ synthesized by spark plasma sintering. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 195, 45-49.	1.7	13
53	Roles of Quasiperiodicity and Local Environment in the Electronic Transport of the Icosahedral Quasicrystals in Al-Pd-TM (TM=Fe, Ru, Os) Systems. <i>Materials Transactions</i> , 2001, 42, 928-932.	0.4	12
54	Synthesis of ternary L10 compounds of $TiAlZr$ system and their mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 387-389, 991-995.	2.6	12

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55	Positron lifetimes in a binary quasicrystal Cd-Yb and its crystalline approximant. Physical Review B, 2002, 66, .	1.1	11
56	New stable icosahedral phases in Al-Pd-Ru and Al-Pd-Os systems. Philosophical Magazine Letters, 2002, 82, 217-223.	0.5	11
57	Formation condition of the icosahedral phase in rapidly quenched Ag-In-RE (rare earth) alloys. Philosophical Magazine, 2006, 86, 435-441.	0.7	11
58	On the electronic properties of icosahedral quasicrystals. Solid State Communications, 1996, 97, 103-107.	0.9	10
59	Electronic transport of the icosahedral Zn-Mg-Sc quasicrystal and its cubic approximant Zn ₁₇ Sc ₃ . Physical Review B, 2002, 66, .	1.1	10
60	Novel phase transition in the Cd ₆ M intermetallics. Journal of Alloys and Compounds, 2004, 378, 290-293.	2.8	10
61	Short- and long-range ordering during the phase transition of the Zn ₆ Sc 1/1 cubic approximant. Journal of Physics Condensed Matter, 2013, 25, 205405.	0.7	10
62	Electrical conductivity and Hall effect of Al-Cu-Ru and Al-Cu-Fe quasi-crystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 794-797.	2.6	9
63	Internal friction of hydrogen-doped metallic glasses. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 455-459.	2.6	9
64	Synthesis and magnetic properties of Fe-B-Nd-Nb nanocomposite magnets. Journal of Physics: Conference Series, 2009, 144, 012068.	0.3	9
65	Classical and Quantum Magnetic Ground States on an Icosahedral Cluster. Materials Transactions, 2021, 62, 367-373.	0.4	9
66	Dislocation and shear strength of model quasiperiodic lattice. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 309-310, 552-556.	2.6	8
67	Deformation mechanism of quasicrystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 319-321, 93-96.	2.6	8
68	Comparative study of the binary icosahedral quasicrystal Cd ₅ Yb and its crystalline approximant Cd ₆ Yb by positron annihilation spectroscopy. Physical Review B, 2004, 70, .	1.1	8
69	Electronic states in Cd ₆ Yb and Cd ₆ Ca: Relativistic, correlation, and structural effects. Physical Review B, 2004, 70, .	1.1	8
70	Effect of Zr, V, Nb, Mo, and Ta substitutions on magnetic properties and microstructure of melt-spun SmCo ₅ magnets. Journal of Applied Physics, 2014, 115, 17A760.	1.1	8
71	Modulated Photocurrent Measurements on Icosahedral Cluster Solids: Boron-Rich Solids and Aluminum-Based Quasicrystals. Journal of Solid State Chemistry, 1997, 133, 224-229.	1.4	7
72	<i>In situ</i> transmission electron microscopy observation of an orientational order-disorder transition in Cd ₆ Yb. Physical Review B, 2010, 81, .	1.1	7

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73	Thermoelectric properties of Tsai-type Au-Al-RE (RE: Yb, Tm, Gd) quasicrystals and approximants. Journal of Alloys and Compounds, 2015, 652, 139-144.	2.8	7
74	Modulated photocurrent measurements on an Al-Pd-Re icosahedral quasicrystal. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 519-521.	2.6	6
75	Periodic approximants of quasicrystals in the Al-Rh-Si ternary system. Journal of Alloys and Compounds, 2002, 342, 35-37.	2.8	6
76	Electron momentum distribution of icosahedral Cd ₈₄ Yb ₁₆ studied by Compton scattering. Physical Review B, 2003, 68, .	1.1	6
77	Electronic transport of the icosahedral Zn-Mg-Sc quasicrystal and its 2/1 and 1/1 cubic approximants. Journal of Non-Crystalline Solids, 2004, 334-335, 368-371.	1.5	6
78	Plastic deformation of a binary Cd-Yb icosahedral quasicrystal. Journal of Non-Crystalline Solids, 2004, 334-335, 444-448.	1.5	6
79	Formation of Icosahedral Quasicrystals and 1/1 Crystal Approximants in Al-Pd-RE (RE: Rare Earth) Tj ETQq1 1 0.784314 rgBT /Overlock 11 0,4	0.4	6
80	Leaching of Al-Based Polygrain Quasicrystalline and Related Crystalline Surfaces. Acta Physica Polonica A, 2014, 126, 629-632.	0.2	6
81	Surface structure of the Ag-In-(rare earth) complex intermetallics. Physical Review B, 2016, 93, .	1.1	6
82	Probing of the pseudogap via thermoelectric properties in the Au-Al-Gd quasicrystal approximant. Physical Review B, 2017, 95, .	1.1	6
83	Angular dependence of coercivity derived from alignment dependence of coercivity in Nd-Fe-B sintered magnets. AIP Advances, 2018, 8, 015226.	0.6	6
84	Formation of Ga-Pd-Sc icosahedral quasicrystal and approximant phases. Philosophical Magazine Letters, 2018, 98, 292-300.	0.5	6
85	A New Series Of Al-Pd-Based Ordered Icosahedral Quasicrystals And Their Electrical Resistivities. Materials Research Society Symposia Proceedings, 1998, 553, 373.	0.1	5
86	Ordered Al-Pd-Ru icosahedral quasicrystal and its crystalline approximants and their electrical resistivities. Journal of Physics Condensed Matter, 1999, 11, 10343-10351.	0.7	5
87	Formation of icosahedral quasicrystals in (Ag,Au)-based ternary systems. Journal of Non-Crystalline Solids, 2007, 353, 3412-3416.	1.5	5
88	Comparative study on internal friction in an Al-Pd-Mn icosahedral quasicrystal and its crystal approximants. Physical Review B, 2009, 80, .	1.1	5
89	Low-temperature structural stability of Cd ₆ M (<i>M</i> = Ho, Er, Tm and Lu) cubic crystalline approximants. Philosophical Magazine, 2011, 91, 2587-2593.	0.7	5
90	Formation of Tsai-type 1/1 approximants in In-Pd-RE (RE: rare earth metal) alloys. Philosophical Magazine, 2014, 94, 2980-2991.	0.7	5

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91	Thermoelectric Properties of Mg ₂ Si _{1-x} GexSby Prepared by Spark Plasma Sintering. MRS Advances, 2016, 1, 3971-3976.	0.5	5
92	Evidence of the Relationship of the Electronic Properties of Icosahedral Boron-Rich Solids and Icosahedral Quasicrystals. Journal of Solid State Chemistry, 1997, 133, 160-163.	1.4	4
93	Electrical resistivities of Al-Pd-Os and Al-Pd-Os-Re icosahedral quasicrystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 604-606.	2.6	4
94	Electrical properties of approximant phases in Al-Pd-(Fe, Ru) systems. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 607-610.	2.6	4
95	Stable quasicrystals studied by means of the slow positron beam. Nuclear Instruments & Methods in Physics Research B, 2000, 171, 245-250.	0.6	4
96	Determination of Structural Vacancy Densities in Icosahedral Quasicrystals by Slow Positron Beam Technique. Materials Science Forum, 2001, 363-365, 481-483.	0.3	4
97	Structural vacancies and their local atomic environment in the Zn-Mg-Sc alloy system studied by positron annihilation spectroscopy. Physical Review B, 2004, 70, .	1.1	4
98	Comparative studies of positron annihilation lifetime and coincident Doppler broadening spectra for a binary Cd-based quasicrystal and 1/1-approximant crystal. Physical Review B, 2006, 73, .	1.1	4
99	Stabilization of metallic glass by isochronal and isothermal annealing treatments. Journal of Physics Condensed Matter, 2007, 19, 205147.	0.7	4
100	Internal friction of metallic glass measured as function of strain amplitude at various temperatures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 521-522, 228-231.	2.6	4
101	Properties of Cd-Based Binary Quasicrystals and Their 1/1 Approximants. Israel Journal of Chemistry, 2011, 51, 1263-1274.	1.0	4
102	Preparation of platinum nanoparticles that are dispersible in water over a wide pH range. Polymer Journal, 2013, 45, 540-544.	1.3	4
103	The Structure of the (100) Surface of Ag-In-Gd 1/1 Approximant. Acta Physica Polonica A, 2014, 126, 479-481.	0.2	4
104	Superstructures formed by orientationally ordered tetrahedra in the bcc lattice: new diffusionless order-disorder transition in solids. Journal of Physics Condensed Matter, 2015, 27, 085401.	0.7	4
105	Thermoelectric properties of Cr-doped higher manganese silicides prepared using spark plasma sintering. MRS Advances, 2018, 3, 1367-1372.	0.5	4
106	Angular dependence of coercivity in isotropically aligned Nd-Fe-B sintered magnets. AIP Advances, 2018, 8, 056236.	0.6	4
107	Magnetocaloric effect in ferromagnetic 1/1 quasicrystal approximants Au ₆₄ Al ₂₂ R ₁₄ (R = Gd, Tb, and Dy). Journal of Alloys and Compounds, 2021, 882, 160669.	2.8	4
108	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

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109	Modulated Photocurrent Measurements On Icosahedral Quasicrystals Of Al-Pd-Re System. Materials Research Society Symposia Proceedings, 1998, 553, 385.	0.1	3
110	Hydrogen-doped Bulk Metallic Glasses as High Damping Material. Materials Research Society Symposia Proceedings, 2000, 644, 11101.	0.1	3
111	Stability and compression behavior of approximants in Al-Pd-Os system under high pressures up to 70 GPa. Journal of Alloys and Compounds, 2002, 342, 232-236.	2.8	3
112	Electrical resistivity of the Al ₆₅ Rh ₂₇ Si ₈ 2/1 cubic approximant. Journal of Non-Crystalline Solids, 2004, 334-335, 372-375.	1.5	3
113	Experimental investigations on the electronic structure and the low-temperature stability of Cd-based quasicrystals and their 1/1 cubic approximants. Philosophical Magazine, 2006, 86, 489-497.	0.7	3
114	Synthesis and superstructure of Al-Ir, Al-Ir-Pd crystalline approximants and their electrical resistivities. Zeitschrift Fur Kristallographie - Crystalline Materials, 2009, 224, 115-118.	0.4	3
115	Scanning tunneling microscopy of a polygrain Al-Pd-Re quasicrystal: study of the relative surface stability. Journal of Physics Condensed Matter, 2013, 25, 395007.	0.7	3
116	Atomic structure of the (111) surface of the antiferromagnetic 1/1 Au-Al-Tb approximant. Physical Review B, 2020, 102, .	1.1	3
117	The study of the binary quasicrystal Cd ₁₇ Ca ₃ and its 1/1 approximant Cd ₆ Ca by positron annihilation spectroscopy. Philosophical Magazine, 2006, 86, 513-517.	0.7	2
118	Magnetic properties of Nd-Fe-B-Zr bulk nanocomposite magnets prepared by spark plasma sintering method. Journal of Physics: Conference Series, 2008, 106, 012014.	0.3	2
119	⁵⁷ Fe Mössbauer Effect Study of Zn-Sc-Fe Icosahedral Quasicrystal and Its 1/1 Crystal Approximant. Japanese Journal of Applied Physics, 2008, 47, 3581-3583.	0.8	2
120	Internal friction of an Al-Cu-Fe icosahedral quasicrystal and its crystal approximant. Philosophical Magazine, 2011, 91, 2820-2827.	0.7	2
121	Magnetic Properties of Icosahedral (Au,Cu)-Al-Yb Quasicrystals. Acta Physica Polonica A, 2014, 126, 553-555.	0.2	2
122	A new superlattice structure in the Al _{2.75} Ir and Al _{2.63} Rh 1/0 approximants. Journal of Physics: Conference Series, 2017, 809, 012010.	0.3	2
123	Positron diffusion in icosahedral quasicrystals. Applied Surface Science, 2002, 194, 155-159.	3.1	1
124	Low-temperature transmission electron microscopy studies of Cd-based 2/1 approximants and quasicrystals. Philosophical Magazine, 2006, 86, 499-503.	0.7	1
125	Magnetic properties of Nd-Fe-B-Zr bulk nanocomposite magnets prepared by Spark Plasma Sintering. Journal of Physics: Conference Series, 2009, 191, 012025.	0.3	1
126	Effect of Nb and Zr additions to magnetic properties of Nd-Fe-B bulk nanocomposites. Journal of Physics: Conference Series, 2010, 232, 012008.	0.3	1

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127	Preparation of polymer-protected NiMoPt alloy nanoparticles dispersible in water over a wide pH range by a hot-soap method and ligand-exchange reaction. <i>Polymer Journal</i> , 2013, 45, 993-996.	1.3	1
128	In-situ high-pressure X-ray diffraction on the Zn ₆ Sc _{1/1} periodic cubic approximant to a quasicrystal. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, .	0.4	1
129	Internal Friction of an Ag–In–Yb Icosahedral Quasicrystal. <i>Materials Transactions</i> , 2014, 55, 754-757.	0.4	1
130	Thermoelectric properties of synthesized Mg ₂ Si _{0.95-x} Ge _{0.05} Sbx by spark plasma sintering. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1735, 56.	0.1	1
131	13th International Conference on Quasicrystals. <i>Journal of Physics: Conference Series</i> , 2017, 809, 011001.	0.3	1
132	Magnetization reversal of (Sm, Ce) ₂ (Co, Fe, Cu, Zr) ₁₇ magnets as per soft x-ray magnetic circular dichroism microscopy. <i>Applied Physics Letters</i> , 2020, 117, 022409.	1.5	1
133	Composition Effect of Kondo Behavior in Au“Al“Ce Quasicrystalline Approximants. <i>Materials Transactions</i> , 2021, 62, 321-324.	0.4	1
134	High Dimensional Approach to Antiferromagnetic Aperiodic Spin Systems. <i>Materials Transactions</i> , 2021, 62, 307-311.	0.4	1
135	Synthesis and TEM study of Ag“In“(Eu, Ce) ternary approximants. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2009, 224, 112-114.	0.4	1
136	Electrical Resistivity of an Al-Re-Si Cubic Approximant Phase and Role of Local Environment in Electronic Transport. <i>Materials Research Society Symposia Proceedings</i> , 2000, 643, 1331.	0.1	0
137	Dislocation Glide Resistance in a Model Quasicrystalline Lattice. <i>Materials Research Society Symposia Proceedings</i> , 2000, 643, 641.	0.1	0
138	Icosahedral quasicrystal in the Al“Rh“Si ternary system. <i>Journal of Alloys and Compounds</i> , 2002, 342, 42-44.	2.8	0
139	Electrical Properties of Ag-In-(Yb,Ca) Quasicrystals and Their Approximants. <i>Materials Research Society Symposia Proceedings</i> , 2003, 805, 267.	0.1	0
140	The Study of ZnMgSc Quasicrystal and Zn ₁₇ Sc ₃ Approximant by Positron Annihilation Lifetime. <i>Materials Science Forum</i> , 2004, 445-446, 39-41.	0.3	0
141	Novel Phase Transition in the Cd ₆ M Intermetallics.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
142	Magnetic Properties of Nd-Fe-B-M (M=Si, C) Bulk Nanocomposite Magnets Prepared by the Spark Plasma Sintering Method. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1032, 1.	0.1	0
143	æ¸20é1/2“ã,ã¸ã¸1/4ç”±æ¸ã¸-°ã-ã,ç,è»ç¸». <i>Materia Japan</i> , 2007, 46, 660-664.	0.1	0
144	Electrical resistivity of crystal approximants in Sc-based alloys. <i>Philosophical Magazine</i> , 2007, 87, 2957-2963.	0.7	0

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145	Magnetic and Electric Properties of Phase Separated Glass Ceramics in CoOâ€“TiO2â€“SiO2 System Prepared by Melt Quenching Process. Materials Research Society Symposia Proceedings, 2008, 1118, 3.	0.1	0
146	Synthesis and Magnetic Properties of Nanocomposite Magnets Self-Organized from FeB-Nd-Nb Metallic Glasses. Materials Research Society Symposia Proceedings, 2008, 1118, 13.	0.1	0
147	Preparation of Pt Nanoparticles Dispersed in Mesoporous Silica. Materials Research Society Symposia Proceedings, 2009, 1217, 1.	0.1	0
148	Preparation of Platinum Nanoparticles Using Linear Polyethyleneimine as a Stabilizer by Liquid-phase Reduction Method. Materials Research Society Symposia Proceedings, 2009, 1217, 1.	0.1	0
149	Optimization of the magnetic properties of the Fe₃B/Nd₂Fe₁₄B bulk nanocomposite magnets prepared by spark plasma sintering. Journal of Physics: Conference Series, 2009, 191, 012022.	0.3	0
150	ELECTRONIC STRUCTURE OF QUASICRYSTAL-RELATED COMPOUNDS INVESTIGATED BY ULTRA HIGH RESOLUTION PHOTOEMISSION SPECTROSCOPY. Book Series on Complex Metallic Alloys, 2009, , 249-277.	0.1	0
151	Synthesis of Fe-based nanocrystalline soft magnets with high saturation magnetization. Journal of Physics: Conference Series, 2010, 232, 012009.	0.3	0
152	Hard magnetic materials based on Nd9(Fe,B)87Zr2Nb2 nanograined intermetallic compounds. Materials Research Society Symposia Proceedings, 2011, 1295, 255.	0.1	0
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