Masashi Tanaka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4465777/publications.pdf

Version: 2024-02-01

66	717	516215 16	642321 23
papers	citations	h-index	g-index

72	72	72	623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Pressure Synthesis and Structural Characterization of the Type II Clathrate Compound Na_{30.5}Si₁₃₆ Encapsulating Two Sodium Atoms in the Same Silicon Polyhedral Cages. Journal of the American Chemical Society, 2014, 136, 7717-7725.	6.6	35
2	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSSe. Applied Physics Letters, 2015, 106, .	1.5	35
3	Superconductivity in electron-doped layered TiNCl with variable interlayer coupling. Physical Review B, 2012, 86, .	1.1	34
4	Note: Novel diamond anvil cell for electrical measurements using boron-doped metallic diamond electrodes. Review of Scientific Instruments, 2016, 87, 076103.	0.6	34
5	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe2. Journal of Solid State Chemistry, 2014, 219, 168-172.	1.4	33
6	Superconducting Anisotropies of F-Substituted LaOBiSe₂ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709.	0.7	26
7	The effect of exceptionally high fluorine doping on the anisotropy of single crystalline SmFeAsO1â^'xFx. Applied Physics Letters, 2014, 105, 102602.	1.5	25
8	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	1.5	25
9	Growth and Structure of Ce(O,F)SbS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 3037-3042.	1.4	23
10	Superconductivity and its enhancement under high pressure in â€œF-freeâ€•single crystals of CeOBiS2. Journal of Alloys and Compounds, 2017, 722, 467-473.	2.8	23
11	Superconductivity of alkali metal intercalated TiNBr with Î±-type nitride layers. Superconductor Science and Technology, 2013, 26, 122001.	1.8	22
12	Superconductivity of layered Î²-HfNCl with varying electron-doping concentrations and interlayer spacings. Superconductor Science and Technology, 2013, 26, 085015.	1.8	22
13	Pressure-induced phase transition for single-crystalline LaO 0.5 F 0.5 BiSe 2. Europhysics Letters, 2014, 108, 47007.	0.7	18
14	Pressure-Induced Superconductivity in BiS₂-Based EuFBiS₂. Journal of the Physical Society of Japan, 2015, 84, 115003.	0.7	18
15	Electrochemical Deposition of FeSe on RABiTS Tapes. Journal of the Physical Society of Japan, 2016, 85, 015001.	0.7	17
16	High Pressure Synthesis and Superconductivity of the Ternary Compounds Mg(Mg1â€“xAlx)Si with the Anticotunnite Structure. Inorganic Chemistry, 2012, 51, 10300-10305.	1.9	16
17	Origin of Pressure-induced Superconducting Phase in KxFe2â^'ySe2 studied by Synchrotron X-ray Diffraction and Spectroscopy. Scientific Reports, 2016, 6, 30946.	1.6	16
18	Vapor-Phase Growth and Structural Characterization of Single Crystals of Magnesium Doped Two-Dimensional Fullerene Polymer Mg₂C₆₀. Crystal Growth and Design, 2018, 18, 3877-3882.	1.4	16

#	Article	IF	Citations
19	High-Pressure Synthesis and Superconductivity of the Laves Phase Compound Ca(Al,Si)₂ Composed of Truncated Tetrahedral Cages Ca@(Al,Si)₁₂. Inorganic Chemistry, 2013, 52, 6039-6045.	1.9	15
20	Electronic structure ofLaO1â^'xFxBiSe2(x=0.18)revealed by photoelectron spectromicroscopy. Physical Review B, 2014, 90, .	1.1	15
21	Origin of the Higher-Tc Phase in the KxFe2â^'ySe2 System. Journal of the Physical Society of Japan, 2016, 85, 044710.	0.7	12
22	Spin-induced anomalous magnetoresistance at the (100) surface of hydrogen-terminated diamond. Physical Review B, 2016, 94, .	1.1	12
23	Observation of a Hidden Hole-Like Band Approaching the Fermi Level in K-Doped Iron Selenide Superconductor. Journal of the Physical Society of Japan, 2016, 85, 073704.	0.7	12
24	Observation of zero resistance in as-electrodeposited FeSe. Solid State Communications, 2018, 270, 72-75.	0.9	12
25	Observation of Multiple Gap Structures Using NdFeAsO1â^'x F x â€“GaAs Tunneling Junction. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1491-1495.	0.8	11
26	Discovery of the Pt-Based Superconductor LaPt₅As. Journal of the American Chemical Society, 2016, 138, 9927-9934.	6.6	11
27	Diamond anvil cell using metallic diamond electrodes. Japanese Journal of Applied Physics, 2017, 56, 05FC01.	0.8	11
28	High pressure synthesis and crystal structure of a ternary superconductor Ca2Al3Si4 containing layer structured calcium sub-network isomorphous with black phosphorus. Journal of Solid State Chemistry, 2013, 198, 445-451.	1.4	9
29	Superconductivity of metal nitride chloride Î²-MNCl (M = Zr, Hf) with rare-earth metal RE (RE = Eu, Yb) doped by intercalation. Superconductor Science and Technology, 2013, 26, 045017.	1.8	9
30	Superconductivity in New Pb-Based 1222 Layered Cuprates of (Pb0.75W0.25)Sr2(Eu2.0â^'x Ce x)Cu2O z. Journal of Superconductivity and Novel Magnetism, 2014, 27, 5-8.	0.8	9
31	Superconductivity in alkali-doped fullerene nanowhiskers. Journal of Physics Condensed Matter, 2016, 28, 354003.	0.7	8
32	Direct observation of microstructures on superconducting single crystals of KxFe2â^'ySe2. Applied Physics Express, 2017, 10, 023101.	1.1	8
33	Superconductivity in the Î±-Form Layer Structured Metal Nitride Halide. Condensed Matter, 2022, 7, 33.	0.8	8
34	Self-assembled lamellar-type nanostructure in manganite spinel (Co,Mn,Fe)3O4. Applied Physics Letters, 2019, 115, .	1.5	7
35	New Pb-based 1212 Superconductor Containing Phosphorus, (Pb0.75P0.25)Sr2(Y1â^'x Ca x)Cu2O z. Journal of Superconductivity and Novel Magnetism, 2010, 23, 1529-1532.	0.8	6
36	New Pb-based Superconductor with the 1222 Structure inÂtheÂ(Pb0.75P0.25)Sr2(Eu1.9â^'x Ce x Sr0.1)Cu2O z System. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1623-1626.	0.8	6

#	Article	IF	Citations
37	Superconductivity in FeTe0.8S0.2 induced by battery-like reaction. Solid State Communications, 2014, 200, 29-31.	0.9	6
38	Anisotropic superconductivity in La(O,F)BiSeS crystals revealed by field-angle dependent Andreev reflection spectroscopy. Solid State Communications, 2017, 264, 26-30.	0.9	6
39	Âμ-PES Studies on TiNCl and Quasi-two-dimensional Superconductor Na-intercalated TiNCl. Journal of the Physical Society of Japan, 2019, 88, 104709.	0.7	6
40	New Members of the Pb-based 1222 Superconductor Containing Phosphorus: (Pb0.75P0.25)Sr2(Ln1.9â˜'x) Tj ETQq0 0 0 rgBT /Overlock	0.8	5
41	Superconductivity in FeTe_{1â˜'}_xS_x Induced by Electrochemical Reaction Using Ionic Liquid Solution. Journal of the Physical Society of Japan, 2015, 84, 034706.	0.7	5
42	Growth and physical properties of Ce(O,F)Sb(S,Se)2 single crystals with site-selected chalcogen atoms. Solid State Communications, 2019, 289, 38-42.	0.9	5
43	Intermittent dynamics of antiferromagnetic phase in inhomogeneous iron-based chalcogenide superconductor. Physical Review B, 2020, 101, .	1.1	5
44	Soft x-ray irradiation induced metallization of layered TiNCl. Journal of Physics Condensed Matter, 2021, 33, 035501.	0.7	5
45	Synthesis of New Pb-Based 1232 Cuprate Containing Boron inÂtheÂ(Pb0.5B0.5) Sr2(Er3â˜'xâ˜'y Ce x Sr y)Cu2O z System. Journal of Superconductivity and Novel Magnetism, 2010, 23, 1381-1384.	0.8	4
46	New Member of the Pb-based 1232 Cuprates Containing Boron, (Pb0.5B0.5)Sr2(RE3â˜'xâ˜'y CexSr y)Cu2O z (RE=Ho, Tm, and Y). Journal of Superconductivity and Novel Magnetism, 2010, 23, 1595-1598.	0.8	4
47	Effect of Ba Substitution for Sr in the Pb-based 1212 Cuprate Containing Sulfur of (Pb0.75S0.25)Sr2(Y,Ca)Cu2O z. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1673-1676.	0.8	4
48	Synthesis of New Pb-Based 1222 Cuprates Containing Phosphorus, (Pb0.75P0.25)Sr2(RE2â€"xâ€"y Ce x Sr y) Tj ETQq0 0 0 rgBT /Overlo Magnetism, 2012, 25, 305-309.	0.8	4
49	Scanning Tunnelling Microscopy and Spectroscopy of the Layered Nitride Superconductor Î±-NaxTiNCl. Physics Procedia, 2016, 81, 73-76.	1.2	4
50	Transport Properties of Hydrogen-Terminated Silicon Surface Controlled by Ionic-Liquid Gating. Journal of the Physical Society of Japan, 2017, 86, 014703.	0.7	4
51	Synthetic Route of Layered Titanium Nitride Chloride TiNCl Using Sodium Amide. ACS Omega, 2022, 7, 6375-6380.	1.6	4
52	Electrical properties of Ba3C60 collapsed under high-pressure and high-temperature conditions. Carbon, 2014, 73, 125-131.	5.4	3
53	Reply to â€œComment on â€˜Superconductivity in electron-doped layered TiNCl with variable interlayer coupling'Ââ€• Physical Review B, 2014, 90, .	1.1	3
54	Observation of a Pressure-Induced Phase Transition for Single Crystalline LaO0.5F0.5BiSeS Using a Diamond Anvil Cell. Journal of the Physical Society of Japan, 2015, 84, 095001.	0.7	3

#	Article	IF	Citations
55	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. Solid State Communications, 2017, 261, 32-36.	0.9	3
56	Tunneling Conductance of Ba1â˜'x K x Fe2As2â€“GaAs Junction. Journal of Superconductivity and Novel Magnetism, 2009, 22, 719-722.	0.8	2
57	New Pb-based 1212 Cuprate Superconductors Containing Sulfur, (Pb0.75S0.25)Sr2 (Y1â˜'x Ca x)Cu2O z. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1479-1483.	0.8	2
58	Synthesis of New Pb-based 1222 Layered Cuprates in the (Pb,S)Sr2(RE,Ce)2Cu2O z (RE=Pr, Nd, Sm, Eu, Gd,) Tj ETQq0 0 0 rgBT /Overloc	0.8	2
59	Phase-Separation Control of KxFe2â˜'ySe2 Superconductor through Rapid-Quenching Process. Journal of the Physical Society of Japan, 2017, 86, 043703.	0.7	2
60	Quenching dependence on superconductivity in the synthesizing process of single crystals of Rb Fe2-Se2. Solid State Communications, 2017, 265, 32-36.	0.9	2
61	Quantum conductance-temperature phase diagram of granular superconductor K x Fe2â˜'ySe2. Scientific Reports, 2018, 8, 7041.	1.6	2
62	Modification of the synthesis of layered titanium chloride nitride. Materials Research Bulletin, 2022, 153, 111896.	2.7	2
63	Synthesis of New Superconducting Pb-Based 1222 Cuprates Containing Sulfur in the (Pb0.75S0.25)Sr2(Eu2.0â˜'x Ce x)Cu2O z System. Journal of Superconductivity and Novel Magnetism, 2013, 26, 589-592.	0.8	1
64	Substitution Effect of Ba for Sr on Superconductivity inÂtheÂ(Pb0.75P0.25)(Sr2â˜'x Ba x)(Y0.4Ca0.6)Cu2O z System. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1485-1489.	0.8	0
65	Enhanced Superconductivity of the Pb-Based 1212 Cuprates in the (Pb0.75S0.25)(Sr2â˜'x Ba x) Tj ETQq1 1 0.784314 rgBT /Overlock Magnetism, 2011, 24, 2037-2039.	0.8	0
66	Synthesis of new members of Pb-based 1222 superconductors containing sulfur: (Pb0.75S0.25)Sr2(RE1.6Ce0.4)Cu2O z (REÂ=ÂSm, Gd, Dy, and Ho). Journal of Materials Science: Materials in Electronics, 2014, 25, 2183-2187.	1.1	0