Akihiko Fujiwara

List of Publications by Year
in descending order

194	7,177	71061 41	69214 77
papers	citations	h-index	g-index

195	195	195	8498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Superconductivity in alkali-metal-doped picene. Nature, 2010, 464, 76-79.	13.7	456
2	PEDOT Nanocrystal in Highly Conductive PEDOT:PSS Polymer Films. Macromolecules, 2012, 45, 3859-3865.	2.2	357
3	Gas adsorption in the inside and outside of single-walled carbon nanotubes. Chemical Physics Letters, 2001, 336, 205-211.	1.2	293
4	An oxyhydride of BaTiO3 exhibiting hydride exchange and electronic conductivity. Nature Materials, 2012, 11, 507-511.	13.3	251
5	Fabrication and characterization of C60 thin-film transistors with high field-effect mobility. Applied Physics Letters, 2003, 82, 4581-4583.	1.5	234
6	Optical properties of fullerene and non-fullerene peapods. Applied Physics A: Materials Science and Processing, 2002, 74, 349-354.	1.1	230
7	Air-assisted High-performance Field-effect Transistor with Thin Films of Picene. Journal of the American Chemical Society, 2008, 130, 10470-10471.	6.6	226
8	Crystalline coordination framework endowed with dynamic gate-opening behaviour by being downsized to a thin film. Nature Chemistry, 2016, 8, 377-383.	6.6	212
9	Metal-intercalated aromatic hydrocarbons: a new class of carbon-based superconductors. Physical Chemistry Chemical Physics, 2011, 13, 16476.	1.3	198
10	Thermal expansion of single-walled carbon nanotube (SWNT) bundles: X-ray diffraction studies. Physical Review B, 2001, 64, .	1.1	149
11	Step-by-Step Fabrication of a Highly Oriented Crystalline Three-Dimensional Pillared-Layer-Type Metalâ€“Organic Framework Thin Film Confirmed by Synchrotron X-ray Diffraction. Journal of the American Chemical Society, 2012, 134, 9605-9608.	6.6	147
12	Electric double-layer capacitance between an ionic liquid and few-layer graphene. Scientific Reports, 2013, 3, 1595.	1.6	138
13	Controlling charge-density-wave states in nano-thick crystals of 1T-TaS2. Scientific Reports, 2014, 4, 7302.	1.6	126
14	Multiwalled carbon nanotubes grown in hydrogen atmosphere: An x-ray diffraction study. Physical Review B, 2001, 64, .	1.1	121
15	Photoconductivity in Semiconducting Single-Walled Carbon Nanotubes. Japanese Journal of Applied Physics, 2001, 40, L1229-L1231.	0.8	117
16	Confined water-mediated high proton conduction in hydrophobic channel of a synthetic nanotube. Nature Communications, 2020, 11, 843.	5.8	116
17	Conductivity and Field Effect Transistor of La2@C80 Metallofullerene. Journal of the American Chemical Society, 2003, 125, 8116-8117.	6.6	114
18	Structural transformation from single-wall to double-wall carbon nanotube bundles. Physical Review B, 2003, 68, .	1.1	105

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19	Trap states and transport characteristics in picene thin film field-effect transistor. Applied Physics Letters, 2009, 94, .	1.5	88
20	Quantum interference of electrons in multiwall carbon nanotubes. Physical Review B, 1999, 60, 13492-13496.	1.1	82
21	N-channel field effect transistors with fullerene thin films and their application to a logic gate circuit. Chemical Physics Letters, 2003, 379, 223-229.	1.2	78
22	Oxyhydrides of (Ca,Sr,Ba)TiO₃ Perovskite Solid Solutions. Inorganic Chemistry, 2012, 51, 11371-11376.	1.9	78
23	Atomic and electronic structures of an extremely fragile liquid. Nature Communications, 2014, 5, 5892.	5.8	76
24	Fabrication of ambipolar field-effect transistor device with heterostructure of C60 and pentacene. Applied Physics Letters, 2004, 85, 4765-4767.	1.5	71
25	Dopant selection for control of charge carrier density and mobility in amorphous indium oxide thin-film transistors: Comparison between Si- and W-dopants. Applied Physics Letters, 2015, 106, .	1.5	56
26	Trial of intercalation of Br and Li into Bi2Sr2Canâ^'1CunO2n+4 (n = 1, 2, 3). Solid State Communications, 1991, 79, 501-505.	0.9	55
27	Synchrotron radiation X-ray powder diffractometer with a cylindrical imaging plate. Journal of Applied Crystallography, 2000, 33, 1241-1245.	1.9	55
28	Synthesis and physical properties of metal-doped picene solids. Physical Review B, 2012, 86, .	1.1	55
29	Guest-Induced Two-Way Structural Transformation in a Layered Metalâ€“Organic Framework Thin Film. Journal of the American Chemical Society, 2016, 138, 16787-16793.	6.6	54
30	Anomaly of X-ray Diffraction Profile in Single-Walled Carbon Nanotubes. Japanese Journal of Applied Physics, 1999, 38, L668-L670.	0.8	52
31	Network topology for the formation of solvated electrons in binary CaOâ€“Al ₂ O ₃ composition glasses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10129-10134.	3.3	52
32	Fabrication and characteristics of C84 fullerene field-effect transistors. Applied Physics Letters, 2004, 84, 2572-2574.	1.5	50
33	Li- and Mg-doping into icosahedral boron crystals, Î±- and Î²-rhombohedral boron, targeting high-temperature superconductivity: structure and electronic states. Journal of Solid State Chemistry, 2004, 177, 498-506.	1.4	50
34	Superconductivity in (NH3)yCs0.4FeSe. Physical Review B, 2013, 88, .	1.1	50
35	Towards Rational Modulation of Inâ€Plane Molecular Arrangements in Metalâ€“Organic Framework Nanosheets. ChemPlusChem, 2014, 79, 1352-1360.	1.3	50
36	Clear distinction between the underdoped and overdoped regime in theTcsuppression of Cu-site-substituted high-Tccuprates. Physical Review B, 1995, 52, R727-R730.	1.1	49

#	Article	IF	Citations
37	A twisted bi-icosahedral Au₂₅cluster enclosed by bulky arenethiolates. Chemical Communications, 2014, 50, 839-841.	2.2	49
38	PHENOMENA IN RESONANT TUNNELING THROUGH DEGENERATED ENERGY STATES WITH ELECTRON CORRELATION. International Journal of Modern Physics B, 2007, 21, 1827-1835.	1.0	47
39	Switching of Conducting Planes by Partial Dimer Formation in IrTe₂. Journal of the Physical Society of Japan, 2014, 83, 033701.	0.7	47
40	Photoconductivity of single-wall carbon nanotube films. Carbon, 2004, 42, 919-922.	5.4	46
41	Synthesis-condition dependence of carbon nanotube growth by alcohol catalytic chemical vapor deposition method. Science and Technology of Advanced Materials, 2007, 8, 292-295.	2.8	46
42	Synthesis and Physical Properties of the New Oxybismuthides BaTi₂Bi₂O and (SrF)₂Ti₂Bi₂O with ad¹Square Net. Journal of the Physical Society of Japan, 2013, 82, 013703.	0.7	43
43	Ultrafine Metalâ€“Organic Right Square Prism Shaped Nanowires. Angewandte Chemie - International Edition, 2016, 55, 6448-6451.	7.2	42
44	Flexible picene thin film field-effect transistors with parylene gate dielectric and their physical properties. Applied Physics Letters, 2010, 96, .	1.5	41
45	Characteristics of field-effect transistors using the one-dimensional extended hydrocarbon [7]phenacene. Applied Physics Letters, 2011, 98, .	1.5	40
46	Density functional study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Pt</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub adsorbed on a carbon nanotube support. Physical Review B, 2009, 79, .	1.1	39
47	Characteristics of Single Crystal Field-Effect Transistors with a New Type of Aromatic Hydrocarbon, Picene. Journal of Physical Chemistry C, 2012, 116, 7983-7988.	1.5	39
48	C70Molecular Stumbling inside Single-Walled Carbon Nanotubes. Journal of the Physical Society of Japan, 2003, 72, 45-48.	0.7	38
49	Effects of carbon supports on Pt nano-cluster catalyst. Computational Materials Science, 2008, 44, 163-166.	1.4	37
50	Crystal structure and electronic transport ofDy@C82. Physical Review B, 2003, 67, .	1.1	36
51	Mesoscopic 2D Charge Transport in Commonplace PEDOT:PSS Films. Advanced Electronic Materials, 2018, 4, 1700490.	2.6	36
52	High-performance C60 and picene thin film field-effect transistors with conducting polymer electrodes in bottom contact structure. Organic Electronics, 2009, 10, 432-436.	1.4	35
53	Output Properties of C60Field-Effect Transistors with Au Electrodes Modified by 1-Alkanethiols. Journal of Physical Chemistry C, 2007, 111, 7211-7217.	1.5	34
54	Low voltage operation in picene thin film field-effect transistor and its physical characteristics. Applied Physics Letters, 2009, 95, .	1.5	34

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55	Upgrade of beamline BL25SU for soft x-ray imaging and spectroscopy of solid using nano- and micro-focused beams at SPring-8. AIP Conference Proceedings, 2016, , .	0.3	33
56	Structural and electronic properties ofCe@C82. Physical Review B, 2003, 68, .	1.1	32
57	Characteristics of conjugated hydrocarbon based thin film transistor with ionic liquid gate dielectric. Organic Electronics, 2011, 12, 2076-2083.	1.4	32
58	Fabrication and Structural Characterization of an Ultrathin Film of a Two-Dimensional-Layered Metalâ€“Organic Framework, {Fe(py)₂[Ni(CN)₄]} (py = pyridine). Inorganic Chemistry, 2017, 56, 7606-7609.	1.9	32
59	Two effects of iodine intercalation on Tc in Bi2Sr2Ca1â^'xYxCu2O8. Physica C: Superconductivity and Its Applications, 1993, 208, 29-37.	0.6	30
60	Fabrication and characterization of field-effect transistor device with C2v isomer of Pr@C82. Chemical Physics Letters, 2005, 409, 187-191.	1.2	30
61	Hierarchical dielectric orders in layered ferroelectrics Bi₂SiO₅. IUCrJ, 2014, 1, 160-164.	1.0	30
62	C60thin-film transistors with high field-effect mobility, fabricated by molecular beam deposition. Science and Technology of Advanced Materials, 2003, 4, 371-375.	2.8	29
63	The Roles of the Geâ€Te Core Network and the Sbâ€Te Pseudo Network During Rapid Nucleationâ€Dominated Crystallization of Amorphous Ge₂Sb₂Te₅. Advanced Functional Materials, 2012, 22, 2251-2257.	7.8	29
64	Superconductivity Induced by Breaking Te₂Dimers of AuTe₂. Journal of the Physical Society of Japan, 2013, 82, 063704.	0.7	29
65	Structural and Electronic Characterizations of Two Isomers of Ce@C82. Journal of Physical Chemistry B, 2004, 108, 7580-7585.	1.2	28
66	Quantitative relation between structure and thermal conductivity in type-I clathrates<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>X</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>Ga<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>16</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	28
67	Two effects of iodine intercalation on Tc in Bi2Sr2Ca1â^'xYxCu2O8. Physica C: Superconductivity and Its Applications, 1992, 203, 411-418.	0.6	27
68	Ferromagnetism and giant magnetoresistance in the rare-earth fulleridesEu6â^'xSrxC60. Physical Review B, 2002, 65, .	1.1	27
69	Spin Injection into Organic Light-Emitting Devices with Ferromagnetic Cathode and Effects on Their Luminescence Properties. Japanese Journal of Applied Physics, 2006, 45, 6897-6901.	0.8	27
70	Remarkable Lattice Shrinkage in Highly Oriented Crystalline Three-Dimensional Metalâ€“Organic Framework Thin Films. Inorganic Chemistry, 2015, 54, 11593-11595.	1.9	27
71	Fabrication of C60 field-effect transistors with polyimide and Ba0.4Sr0.6Ti0.96O3 gate insulators. Applied Physics Letters, 2005, 87, 143506.	1.5	26
72	Thermally oxidized aluminum as catalyst-support layer for vertically aligned single-walled carbon nanotube growth using ethanol. Applied Surface Science, 2011, 258, 873-882.	3.1	26

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73	Synthesis and superconductivity of IBr-intercalated Bi2Sr2CaCu2O8. Physica C: Superconductivity and Its Applications, 1993, 212, 191-198.	0.6	25
74	Hole-injection barrier in pentacene field-effect transistor with Au electrodes modified by C16H33SH. Applied Physics Letters, 2007, 91, 123518.	1.5	25
75	Transport properties of field-effect transistor with Langmuir-Blodgett films of C60 dendrimer and estimation of impurity levels. Applied Physics Letters, 2007, 91, .	1.5	25
76	Quantitative analysis of O2 gas sensing characteristics of picene thin film field-effect transistors. Organic Electronics, 2010, 11, 1394-1398.	1.4	25
77	A hard X-ray nanospectroscopy station at SPring-8 BL39XU. Journal of Physics: Conference Series, 2013, 430, 012017.	0.3	25
78	Direct Observation on Spin-Coating Process of PS-b-P2VP Thin Films. Macromolecules, 2016, 49, 3471-3477.	2.2	25
79	Extended Polymorphism of Two-Dimensional Material. Nano Letters, 2017, 17, 5567-5571.	4.5	25
80	Structural phase transition in the ammoniated alkaliC60compound(NH3)K3C60. Physical Review B, 1999, 59, 3956-3960.	1.1	23
81	Substrate-mediated interactions of Pt atoms adsorbed on single-wall carbon nanotubes: Density functional calculations. Physical Review B, 2009, 79, .	1.1	23
82	Direct growth of vertically aligned singleâ€walled carbon nanotubes on conducting substrate and its electrochemical performance in ionic liquids. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 2260-2266.	0.8	23
83	Variable-Rung Design for a Mixed-Valence Two-Legged Ladder System Situated in a Dimensional Crossover Region. Inorganic Chemistry, 2014, 53, 1229-1240.	1.9	23
84	Temperature dependence of photoconductivity at 0.7 eV in single-wall carbon nanotube films. Science and Technology of Advanced Materials, 2003, 4, 47-50.	2.8	21
85	Anomalous Pressure Effect in Heteroacene Organic Field-Effect Transistors. Physical Review Letters, 2013, 110, 096603.	2.9	21
86	Luminescence of fusion materials of polymeric chain-structured lanthanide complexes. Polymer Journal, 2015, 47, 195-200.	1.3	21
87	Fabrication of field-effect transistor devices with fullerodendron by solution process. Applied Physics Letters, 2006, 88, 173509.	1.5	20
88	Crystal structure and superconductivity of iodine-intercalated Bi2Sr2CaCu2O8Ix (0â‰¦xâ‰¦1). Physica C: Superconductivity and Its Applications, 1993, 208, 363-370.	0.6	19
89	Gas Storage in Single-Walled Carbon Nanotubes. Molecular Crystals and Liquid Crystals, 2000, 340, 671-676.	0.3	19
90	Field-effect transistors with thin films of perylene on SiO2 and polyimide gate insulators. Applied Physics Letters, 2006, 88, 103506.	1.5	19

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91	Homogeneous double-layer amorphous Si-doped indium oxide thin-film transistors for control of turn-on voltage. Journal of Applied Physics, 2016, 120, .	1.1	19
92	Structural Alternation Correlated to the Conductivity Enhancement of PEDOT:PSS Films by Secondary Doping. Journal of Physical Chemistry C, 2019, 123, 13467-13471.	1.5	19
93	Fabrication of spintronics device by direct synthesis of single-walled carbon nanotubes from ferromagnetic electrodes. Science and Technology of Advanced Materials, 2008, 9, 025019.	2.8	18
94	High-performance C60 thin-film field-effect transistors with parylene gate insulator. Applied Physics Letters, 2008, 93, .	1.5	18
95	A three-dimensional accordion-like metalâ€“organic framework: synthesis and unconventional oriented growth on a surface. Chemical Communications, 2016, 52, 6017-6020.	2.2	18
96	Strain-Controlled Spin Transition in Heterostructured Metalâ€“Organic Framework Thin Film. Journal of the American Chemical Society, 2021, 143, 16128-16135.	6.6	18
97	First principles study of the physisorption of hydrogen molecule on graphene and carbon nanotube surfaces adhered by Pt atom. Computational Materials Science, 2010, 49, S15-S20.	1.4	17
98	Anionic complexes of MWCNT with supergiant cyanobacterial polyanions. Biopolymers, 2013, 99, 1-9.	1.2	17
99	Output properties of C60 field-effect transistors with different source/drain electrodes. Applied Physics Letters, 2007, 90, 083503.	1.5	16
100	Device characteristics of carbon nanotube transistor fabricated by direct growth method. Applied Physics Letters, 2008, 92, 243115.	1.5	16
101	Edge-Dependent Transport Properties in Graphene. Nano Letters, 2013, 13, 1126-1130.	4.5	16
102	Neutral-Type One-Dimensional Mixed-Valence Halogen-Bridged Platinum Chain Complexes with Large Charge-Transfer Band Gaps. Inorganic Chemistry, 2016, 55, 2620-2626.	1.9	16
103	Changes of the dimensionality andTcthrough the iodine intercalation and oxidation inBi2Sr2CaCu2O8+Î´single crystals. Physical Review B, 1995, 52, 15598-15606.	1.1	15
104	Local current density detection of individual single-wall carbon nanotubes in a bundle. Applied Physics Letters, 2002, 80, 1993-1995.	1.5	14
105	Electronic properties for the C2v and Cs isomers of Pr@C82 studied by Raman, resistivity and scanning tunneling microscopy/spectroscopy. Chemical Physics Letters, 2004, 395, 78-81.	1.2	14
106	An investigation of correlation between transport characteristics and trap states in n-channel organic field-effect transistors. Applied Physics Letters, 2008, 92, 163307.	1.5	14
107	X-Ray and Morphological Characterization of Al-O Thin Films Used for Vertically Aligned Single-Walled Carbon Nanotube Growth. Advanced Materials Research, 0, 620, 213-218.	0.3	14
108	A highly crystalline oriented metalâ€“organic framework thin film with an inorganic pillar. Chemical Communications, 2017, 53, 10112-10115.	2.2	14

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109	Direct Growth of Vertically-Aligned Single-Walled Carbon Nanotubes on Conducting Substrates using Ethanol for Electrochemical Capacitor. Journal of New Materials for Electrochemical Systems, 2011, 14, 173-178.	0.3	14
110	Growth, Superconductivity and Anisotropy in the Electrical Resistivity ofPb2Sr2Ho0.5Ca0.5Cu3O8Single Crystals: The Effect of Contamination from the Crucible onTc. Japanese Journal of Applied Physics, 1994, 33, 2515-2520.	0.8	13
111	Structural Phase Transitions of Endohedral Metallofullerene La@C₈₂ Studied by Single Crystal X-Ray Diffraction. Molecular Crystals and Liquid Crystals, 2000, 340, 639-642.	0.3	13
112	Structure and Raman scattering ofCs3C60under high pressure. Physical Review B, 2000, 62, 5366-5369.	1.1	13
113	Variation of output properties of perylene field-effect transistors by work function of source/drain electrodes. Applied Physics Letters, 2006, 89, 053508.	1.5	13
114	Transport properties of field-effect transistors with thin films of C76 and its electronic structure. Chemical Physics Letters, 2007, 449, 160-164.	1.2	13
115	Fabrication and Characterization of Carbon Nanotube Field-Effect Transistors Using Ferromagnetic Electrodes with Different Coercivities. Japanese Journal of Applied Physics, 2010, 49, 02BD08.	0.8	13
116	A compact planar low-energy-gap molecule with a donorâ€“acceptorâ€“donor nature based on a bimetal dithiolene complex. Chemical Communications, 2015, 51, 15796-15799.	2.2	13
117	Phase transitions from semiconductive amorphous to conductive polycrystalline in indium silicon oxide thin films. Applied Physics Letters, 2016, 109, .	1.5	13
118	Superconducting energy gap in Bi2Sr2CaCu2O8 observed by high-resolution photoemission spectroscopy. Solid State Communications, 1993, 87, 553-556.	0.9	12
119	Local electronic transport through a junction of SWNT bundles. Physica B: Condensed Matter, 2002, 323, 227-229.	1.3	12
120	Intrinsic transport and contact resistance effect in C60 field-effect transistors. Applied Physics Letters, 2006, 89, 173510.	1.5	12
121	Thermal Degradation of Single-Walled Carbon Nanotubes during Alcohol Catalytic Chemical Vapor Deposition Process. Japanese Journal of Applied Physics, 2010, 49, 02BA04.	0.8	12
122	High-precision spin coater for a synchrotron radiationin situGISAXS system: for the investigation of formation mechanisms of self-assembled structures in polymer thin films. Journal of Applied Crystallography, 2013, 46, 1610-1615.	1.9	12
123	Influence of Confined Polymer Structure on Proton Transport Property in Sulfonated Polyimide Thin Films. Electrochemistry, 2014, 82, 865-869.	0.6	12
124	Mixedâ€Valence Nickel Bis(azamacrocycle) Compounds with Ghostâ€Legâ€type Sheets. Angewandte Chemie - International Edition, 2017, 56, 3838-3841.	7.2	12
125	Intercalation of Br and Li in Bi2Sr2Canâ^'1CunO2n+4. Physica C: Superconductivity and Its Applications, 1991, 185-189, 847-848.	0.6	11
126	Magnetotransport of carbon nanotubes: magnetic-field-induced metalâ€“insulator transition. Physica B: Condensed Matter, 2001, 298, 541-545.	1.3	11

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127	Output properties of C60 field-effect transistor device with Eu source/drain electrodes. Applied Physics Letters, 2006, 89, 083511.	1.5	11
128	Field-effect modulation of contact resistance between carbon nanotubes. Applied Physics Letters, 2007, 91, 133515.	1.5	11
129	Anomalous x-ray scattering studies of functional disordered materials. Journal of Physics: Conference Series, 2014, 502, 012014.	0.3	11
130	Ultrafine Metalâ€“Organic Right Square Prism Shaped Nanowires. Angewandte Chemie, 2016, 128, 6558-6561.	1.6	11
131	Carrier doping through iodine intercalation into Bi2Sr2CaCu2O8+Î´ with different Î´ values. Physica C: Superconductivity and Its Applications, 1995, 245, 332-340.	0.6	10
132	Scanning tunneling microscopy ofDy@C82andDy@C60adsorbed onSi(111)â^'(7Ã—7)surfaces. Physical Review B, 2004, 69, .	1.1	10
133	Atomic motion of resonantly vibrating quartz crystal visualized by time-resolved X-ray diffraction. Applied Physics Letters, 2015, 107, .	1.5	10
134	Correlation of superconductivity with crystal structure in (NH3)yCsxFeSe. Physical Review B, 2016, 93, .	1.1	10
135	X-ray absorption fine structure study of heavily P doped (111) and (001) diamond. Applied Physics Letters, 2017, 110, .	1.5	10
136	Nanoscale patterning by manipulation of single C60 molecules with a scanning tunneling microscope. Chemical Physics Letters, 2006, 420, 82-85.	1.2	9
137	Spin injection into organic light-emitting diodes with a ferromagnetic cathode and observation of the luminescence properties. Journal of Magnetism and Magnetic Materials, 2007, 310, 2052-2054.	1.0	8
138	Visualizing patterned thin films by grazing-incidence small-angle X-ray scattering coupled with computed tomography. Journal of Applied Crystallography, 2015, 48, 1645-1650.	1.9	8
139	Crystal structure, thermoelectric power and superconductivity in La1.6 â^' xNd0.4SrxCuO4. Physica B: Condensed Matter, 1995, 213-214, 84-86.	1.3	7
140	Iodine intercalation inBi2Sr2Ca(Cu1â^'zCoz)2O8+Î´with different Î´ values. Physical Review B, 1996, 54, 86-89.	1.1	7
141	Structure and physical properties ofCs3+Î±C60(Î±=0.0â€“1.0)under ambient and high pressures. Physical Review B, 2002, 65, .	1.1	7
142	Air-Stable Cyclohexasulfur as Cocrystal. Crystal Growth and Design, 2013, 13, 433-436.	1.4	7
143	Electric-double-layer transistors with thin crystals of FeSe1â^'xTex (xâ€‰=â€‰0.9 and 1.0). Applied Physics Letters, 2013, 102, .	1.5	7
144	Amorphous In-Si-O Films Fabricated via Solution Processing. Journal of Electronic Materials, 2017, 46, 3610-3614.	1.0	7

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145	Solution-Processed Cupric Oxide P-type Channel Thin-Film Transistors. Thin Solid Films, 2020, 704, 137991.	0.8	7
146	Improving grazing-incidence small-angle X-ray scatteringâ€“computed tomography images by total variation minimization. Journal of Applied Crystallography, 2020, 53, 140-147.	1.9	7
147	Effects of iodine intercalation into Bi-based copper oxide superconductors. Journal of Superconductivity and Novel Magnetism, 1994, 7, 123-126.	0.5	6
148	Iodine and bromine intercalation into the Bi-2222 phase of Bi2Sr2(Gd0.82Ce0.18)2Cu2O10+Ïƒ. Physica C: Superconductivity and Its Applications, 1994, 224, 31-37.	0.6	6
149	Effects of extra oxygen on the physical properties in the Pb3201 phase of (Pb2Cu)Sr0.9La1.1CuO6+Î´ prepared by the polymerized complex method. Physica C: Superconductivity and Its Applications, 1995, 244, 263-270.	0.6	6
150	Fabrication of field-effect transistor devices with fullerene related materials. Physica Status Solidi (B): Basic Research, 2006, 243, 3021-3024.	0.7	6
151	A comparative study of Co and Fe thin films deposited on GaAs(0 0 1) substrate. Journal of Magnetism and Magnetic Materials, 2008, 320, 571-574.	1.0	6
152	Stable delivery of nano-beams for advanced nano-scale analyses. Journal of Physics: Conference Series, 2013, 425, 052018.	0.3	6
153	Visualization of Individual Images in Patterned Organicâ€“Inorganic Multilayers Using GISAXS-CT. Langmuir, 2017, 33, 4675-4681.	1.6	6
154	Solution-processed CuO thin films with various Cu2+ ion concentrations. Thin Solid Films, 2018, 660, 819-823.	0.8	6
155	Fabrication of flexible high-performance organic field-effect transistors using phenacene molecules and their application toward flexible CMOS inverters. Journal of Materials Chemistry C, 2019, 7, 6022-6033.	2.7	6
156	X-ray absorption near edge structure and extended X-ray absorption fine structure studies of P doped (111) diamond. Diamond and Related Materials, 2020, 105, 107769.	1.8	6
157	Photoconductivity of single-walled carbon nanotubes. AIP Conference Proceedings, 2001, , .	0.3	5
158	Transport properties of C60thin film FETs with a channel of several-hundred nanometers. Science and Technology of Advanced Materials, 2005, 6, 427-430.	2.8	5
159	Structure of Disordered Materials Studied by High-Energy X-Ray Diffraction Technique. Materials Science Forum, 0, 706-709, 1690-1695.	0.3	5
160	Solution processed In-Si-O thin film transistors on hydrophilic and hydrophobic substrates. Thin Solid Films, 2020, 698, 137860.	0.8	5
161	Development of Fast Scanning Microscopic XAFS Measurement System. Journal of Physics: Conference Series, 2013, 430, 012019.	0.3	4
162	An Electrically Conductive Single-Component Donorâ€“Acceptorâ€“Donor Aggregate with Hydrogen-Bonding Lattice. Inorganic Chemistry, 2016, 55, 13027-13034.	1.9	4

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163	Mixedâ€Valence Nickel Bis(azamacrocycle) Compounds with Ghostâ€Legâ€type Sheets. Angewandte Chemie, 2017, 129, 3896-3899.	1.6	4
164	Fabrication of ring oscillators using organic molecules of phenacene and perylenedicarboximide. RSC Advances, 2021, 11, 7538-7551.	1.7	4
165	High energy-resolution electron energy-loss spectroscopy study of the electronic structures of Li- and Mg-doped Â-rhombohedral boron. Journal of Electron Microscopy, 2004, 53, 589-592.	0.9	3
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