

# Yoshihiro Kubozono

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

177 papers	3,648 citations	31 h-index	52 g-index
183 ext. papers	3,937 ext. citations	4 avg, IF	4.77 L-index

#	Paper	IF	Citations
177	Superconductivity in alkali-metal-doped picene. <i>Nature</i> , <b>2010</b> , 464, 76-9	50.4	403
176	Air-assisted high-performance field-effect transistor with thin films of picene. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 10470-1	16.4	205
175	Metal-intercalated aromatic hydrocarbons: a new class of carbon-based superconductors. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 16476-93	3.6	183
174	Electric double-layer capacitance between an ionic liquid and few-layer graphene. <i>Scientific Reports</i> , <b>2013</b> , 3, 1595	4.9	116
173	Extractions of [email protected]60, [email protected]60, [email protected]60, [email protected]60, [email protected]60, [email protected]60, and [email protected]60 with Aniline. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 6998-6999	16.4	99
172	Trap states and transport characteristics in picene thin film field-effect transistor. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 043310	3.4	83
171	Fabrication of ambipolar field-effect transistor device with heterostructure of C60 and pentacene. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 4765-4767	3.4	70
170	N-channel field effect transistors with fullerene thin films and their application to a logic gate circuit. <i>Chemical Physics Letters</i> , <b>2003</b> , 379, 223-229	2.5	70
169	Transistor Application of Phenacene Molecules and Their Characteristics. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3806-3819	2.3	63
168	Strong intramolecular electron-phonon coupling in the negatively charged aromatic superconductor picene. <i>Physical Review Letters</i> , <b>2011</b> , 107, 077001	7.4	62
167	Accessing surface Brillouin zone and band structure of picene single crystals. <i>Physical Review Letters</i> , <b>2012</b> , 108, 226401	7.4	52
166	Synthesis and physical properties of metal-doped picene solids. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	51
165	Transistor application of alkyl-substituted picene. <i>Scientific Reports</i> , <b>2014</b> , 4, 5048	4.9	49
164	Fabrication and characteristics of C84 fullerene field-effect transistors. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 2572-2574	3.4	47
163	Ambipolar operation of fullerene field-effect transistors by semiconductor/metal interface modification. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 104509	2.5	47
162	Interconversion between Polymeric Orange and Monomeric Green Forms of a Schiff Base-Oxovanadium(IV) Complex. <i>Bulletin of the Chemical Society of Japan</i> , <b>1996</b> , 69, 3207-3216	5.1	47
161	Superconductivity in (NH <sub>3</sub> ) <sub>y</sub> Cs <sub>0.4</sub> FeSe. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	45

160	Characteristics of [6]phenacene thin film field-effect transistor. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 083303	4.1	41
159	Flexible picene thin film field-effect transistors with parylene gate dielectric and their physical properties. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 113305	3.4	40
158	Ring of C60 polymers formed by electron or hole injection from a scanning tunneling microscope tip. <i>Physical Review Letters</i> , <b>2006</b> , 97, 196101	7.4	40
157	Preparation and Extraction of Ca@C60. <i>Chemistry Letters</i> , <b>1995</b> , 24, 457-458	1.7	38
156	An extended phenacene-type molecule, [8]phenacene: synthesis and transistor application. <i>Scientific Reports</i> , <b>2014</b> , 4, 5330	4.9	37
155	Characteristics of Single Crystal Field-Effect Transistors with a New Type of Aromatic Hydrocarbon, Picene. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 7983-7988	3.8	37
154	Characteristics of field-effect transistors using the one-dimensional extended hydrocarbon [7]phenacene. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 013303	3.4	37
153	Synthesis and transistor application of the extremely extended phenacene molecule, [9]phenacene. <i>Scientific Reports</i> , <b>2016</b> , 6, 21008	4.9	37
152	Emergence of double-dome superconductivity in ammoniated metal-doped FeSe. <i>Scientific Reports</i> , <b>2015</b> , 5, 9477	4.9	35
151	Facile synthesis of picene from 1,2-di(1-naphthyl)ethane by 9-fluorenone-sensitized photolysis. <i>Organic Letters</i> , <b>2011</b> , 13, 2758-61	6.2	33
150	Observation of zero resistivity in K-doped picene. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	32
149	Low voltage operation in picene thin film field-effect transistor and its physical characteristics. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 183302	3.4	32
148	Recent progress on carbon-based superconductors. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 334001	4.8	31
147	Structural and electronic properties of Ce@C82. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	31
146	Characteristics of conjugated hydrocarbon based thin film transistor with ionic liquid gate dielectric. <i>Organic Electronics</i> , <b>2011</b> , 12, 2076-2083	3.5	30
145	High-performance C60 and picene thin film field-effect transistors with conducting polymer electrodes in bottom contact structure. <i>Organic Electronics</i> , <b>2009</b> , 10, 432-436	3.5	30
144	Output Properties of C60Field-Effect Transistors with Au Electrodes Modified by 1-Alkanethiols. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 7211-7217	3.8	30
143	Synthesis of methoxy-substituted picones: substitution position effect on their electronic and single-crystal structures. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 4973-83	4.2	28

142	4d $\rightarrow$ 4f dipole resonance of the metal atom encapsulated in a fullerene cage: Ce@C82. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 064304	3.9	28
141	Phenanthro[1,2-b : 8,7-b']dithiophene: a new picene-type molecule for transistor applications. <i>RSC Advances</i> , <b>2013</b> , 3, 19341	3.7	27
140	Fabrication of single crystal field-effect transistors with phenacene-type molecules and their excellent transistor characteristics. <i>Organic Electronics</i> , <b>2013</b> , 14, 1673-1682	3.5	27
139	Structural and Electronic Characterizations of Two Isomers of Ce@C82. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 7580-7585	3.4	27
138	Fabrication of high performance/highly functional field-effect transistor devices based on [6]phenacene thin films. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 20611-7	3.6	26
137	Correlation between energy level alignment and device performance in planar heterojunction organic photovoltaics. <i>Organic Electronics</i> , <b>2013</b> , 14, 1-7	3.5	26
136	Fabrication and characterization of field-effect transistor device with C2v isomer of Pr@C82. <i>Chemical Physics Letters</i> , <b>2005</b> , 409, 187-191	2.5	26
135	Fabrication of a logic gate circuit based on ambipolar field-effect transistors with thin films of C60 and pentacene. <i>Chemical Physics Letters</i> , <b>2005</b> , 413, 379-383	2.5	26
134	Pressure-induced superconductivity in AgxBi <sub>2</sub> Se <sub>3</sub> . <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	25
133	Fabrication of C60 field-effect transistors with polyimide and Ba <sub>0.4</sub> Sr <sub>0.6</sub> Ti <sub>0.96</sub> O <sub>3</sub> gate insulators. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 143506	3.4	25
132	Ferromagnetism and giant magnetoresistance in the rare-earth fullerenes Eu <sub>6</sub> Sr <sub>x</sub> C <sub>60</sub> . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	25
131	Transistor application of new picene-type molecules, 2,9-dialkylated phenanthro[1,2-b:8,7-b']dithiophenes. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 2413-2421	7.1	23
130	Superconductivity in aromatic hydrocarbons. <i>Physica C: Superconductivity and Its Applications</i> , <b>2015</b> , 514, 199-205	1.3	23
129	Quantitative analysis of O <sub>2</sub> gas sensing characteristics of picene thin film field-effect transistors. <i>Organic Electronics</i> , <b>2010</b> , 11, 1394-1398	3.5	23
128	Hole-injection barrier in pentacene field-effect transistor with Au electrodes modified by C16H33SH. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 123518	3.4	23
127	Synthesis, structure, and magnetic properties of the fullerene-based ferromagnets Eu <sub>3</sub> C <sub>70</sub> and Eu <sub>9</sub> C <sub>70</sub> . <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 1897-904	16.4	23
126	Efficient Synthetic Photocyclization for Phenacenes Using a Continuous Flow Reactor. <i>Chemistry Letters</i> , <b>2014</b> , 43, 994-996	1.7	22
125	Transport properties of field-effect transistor with Langmuir-Blodgett films of C60 dendrimer and estimation of impurity levels. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 243515	3.4	22

124	Structure of La <sub>2</sub> @C <sub>80</sub> studied by La K-edge XAFS. <i>Chemical Physics Letters</i> , <b>2001</b> , 335, 163-169	2.5	22
123	Emergence of Multiple Superconducting Phases in (NH <sub>3</sub> ) <sub>y</sub> M <sub>x</sub> FeSe (M: Na and Li). <i>Scientific Reports</i> , <b>2015</b> , 5, 12774	4.9	21
122	Stabilization of copper metal clusters in mordenite micropores. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1997</b> , 93, 2125-2130		21
121	The 4d $\pi$ f dipole resonance of the Pr atom in an endohedral metallofullerene, Pr@C <sub>82</sub> . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2008</b> , 109, 1590-1598	2.1	21
120	Optimizing Picene Molecular Assembling by Supersonic Molecular Beam Deposition. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 24503-24511	3.8	20
119	Fabrication of field-effect transistor devices with fullerodendron by solution process. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 173509	3.4	20
118	Photoelectron Holographic Atomic Arrangement Imaging of Cleaved Bimetal-intercalated Graphite Superconductor Surface. <i>Scientific Reports</i> , <b>2016</b> , 6, 36258	4.9	18
117	Systematic Control of Hole-Injection Barrier Height with Electron Acceptors in [7]phenacene Single-Crystal Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 5284-5293	3.8	18
116	Extractions of Ca@C <sub>60</sub> and Sr@C <sub>60</sub> with Aniline. <i>Chemistry Letters</i> , <b>1996</b> , 25, 453-454	1.7	18
115	Isotropic Three-Dimensional Molecular Conductor Based on the Coronene Radical Cation. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3871-3878	2.3	17
114	Transition-metal-catalyzed facile access to 3,11-dialkylfulminenes for transistor applications. <i>Organic Letters</i> , <b>2015</b> , 17, 708-11	6.2	17
113	O <sub>2</sub> -exposure and light-irradiation properties of picene thin film field-effect transistor: A new way toward O <sub>2</sub> gas sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 544-549	8.5	17
112	High-performance C <sub>60</sub> thin-film field-effect transistors with parylene gate insulator. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 033316	3.4	16
111	Output properties of C <sub>60</sub> field-effect transistors with different source/drain electrodes. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 083503	3.4	16
110	Transistors fabricated using the single crystals of [8]phenacene. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7370-7378	7.1	15
109	Anomalous hysteresis in organic field-effect transistors with SAM-modified electrodes: Structural switching of SAMs by electric field. <i>Organic Electronics</i> , <b>2010</b> , 11, 1025-1030	3.5	15
108	Photofragmentation of C <sub>60</sub> in the extreme ultraviolet: statistical analysis on the appearance energies of C <sub>60</sub> <sup>n+</sup> (n = 1-13). <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 119-123	3.6	15
107	Photoion yield curves of Dy@C <sub>82</sub> in the vacuum UV region. <i>International Journal of Mass Spectrometry</i> , <b>2005</b> , 243, 121-125	1.9	15

106	Fermi level tuning of Ag-doped BiSe topological insulator. <i>Scientific Reports</i> , <b>2019</b> , 9, 5376	4.9	14
105	Synthesis of the extended phenacene molecules, [10]phenacene and [11]phenacene, and their performance in a field-effect transistor. <i>Scientific Reports</i> , <b>2019</b> , 9, 4009	4.9	14
104	Field-effect transistors with thin films of perylene on SiO <sub>2</sub> and polyimide gate insulators. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 103506	3.4	14
103	Scanning tunneling microscopy/spectroscopy studies of two isomers of Ce@C <sub>82</sub> on Si(111)(7×7) surfaces. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	14
102	Fabrication of field-effect transistor device with higher fullerene, C <sub>88</sub> . <i>Applied Physics Letters</i> , <b>2005</b> , 87, 023501	3.4	14
101	Edge-dependent transport properties in graphene. <i>Nano Letters</i> , <b>2013</b> , 13, 1126-30	11.5	13
100	Superconducting phases in (NH <sub>3</sub> )yM <sub>x</sub> FeSe <sub>1-y</sub> Te <sub>z</sub> (M=Li,Na,andCa). <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	13
99	An investigation of correlation between transport characteristics and trap states in n-channel organic field-effect transistors. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 163307	3.4	13
98	Enrichment of Ce@C <sub>60</sub> by HPLC Technique. <i>Chemistry Letters</i> , <b>1996</b> , 25, 1061-1062	1.7	13
97	Transport properties of field-effect transistors with thin films of C <sub>76</sub> and its electronic structure. <i>Chemical Physics Letters</i> , <b>2007</b> , 449, 160-164	2.5	12
96	Improvements in the device characteristics of random-network single-walled carbon nanotube transistors by using high- $\kappa$ gate insulators. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 203505	3.4	12
95	Variation of output properties of perylene field-effect transistors by work function of source/drain electrodes. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 053508	3.4	12
94	Electronic properties for the C <sub>2v</sub> and C <sub>s</sub> isomers of Pr@C <sub>82</sub> studied by Raman, resistivity and scanning tunneling microscopy/spectroscopy. <i>Chemical Physics Letters</i> , <b>2004</b> , 395, 78-81	2.5	12
93	An EXAFS Investigation of Local Structure around Rb <sup>+</sup> in Aqueous Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1994</b> , 49, 727-729	1.4	12
92	Induced circular dichroism spectrum of 4,4'-bipyridyl radical cation- $\beta$ -cyclodextrin inclusion complex. <i>Chemical Physics Letters</i> , <b>1986</b> , 131, 201-204	2.5	12
91	Preparation of new superconductors by metal doping of two-dimensional layered materials using ethylenediamine. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	11
90	Structure and electronic properties of Cs <sub>3</sub> C <sub>60</sub> under ambient pressure revealed by X-ray diffraction and ESR. <i>Chemical Physics Letters</i> , <b>1998</b> , 291, 31-36	2.5	11
89	Relative partial cross sections for single, double, and triple photoionization of C <sub>60</sub> and C <sub>70</sub> . <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 8336-43	2.8	11

88	Output properties of C60 field-effect transistor device with Eu source/drain electrodes. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 083511	3.4	11
87	Fabrication of new superconducting materials, CaxK1-xCy (0 Carbon, <b>2016</b> , 100, 641-646	10.4	10
86	Difference in gating and doping effects on the band gap in bilayer graphene. <i>Scientific Reports</i> , <b>2017</b> , 7, 11322	4.9	10
85	Carrier Accumulation in Graphene with Electron Donor/Acceptor Molecules. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500073	6.4	10
84	Pressure-induced superconductivity in Bi2-xSbxTe3. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
83	Superconductivity in (NH3)yNaxFeSe0.5Te0.5. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	9
82	Emergence of superconductivity in (NH3)yMxMoSe2 (M: Li, Na and K). <i>Scientific Reports</i> , <b>2016</b> , 6, 29292	4.9	9
81	Low-voltage organic thin-film transistors based on [n]phenacenes. <i>Organic Electronics</i> , <b>2019</b> , 73, 286-291	3.5	9
80	Parity effects in few-layer graphene. <i>Nano Letters</i> , <b>2013</b> , 13, 5153-8	11.5	9
79	Nanoscale patterning by manipulation of single C60 molecules with a scanning tunneling microscope. <i>Chemical Physics Letters</i> , <b>2006</b> , 420, 82-85	2.5	9
78	Scanning tunneling microscopy of Dy@C82 and Dy@C60 adsorbed on Si(111)(7x7) surfaces. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	9
77	Metallic phase in the metal-intercalated higher fullerene Rb8.8(7)C84. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	9
76	A new way to synthesize superconducting metal-intercalated C60 and FeSe. <i>Scientific Reports</i> , <b>2016</b> , 6, 18931	4.9	9
75	Transistor Properties of 2,7-Dialkyl-Substituted Phenanthro[2,1-b:7,8-b']dithiophene. <i>Scientific Reports</i> , <b>2016</b> , 6, 38535	4.9	9
74	Pressure dependence of superconductivity in low- and high-Tc phases of (NH3)yNaxFeSe. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	8
73	Correlation of superconductivity with crystal structure in (NH3)yCsxFeSe. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	8
72	Synthesis, Extraction and Enrichment of Dy Endohedral Fullerenes. <i>Chemistry Letters</i> , <b>1997</b> , 26, 1019-1020	7	8
71	EXAFS Study on the Phase Transition (Phase II) in CH3NH3I. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1995</b> , 50, 876-880	1.4	8



70	XAFS studies of the oxidation process in RbxCsyC60 (x=3, y=0 and x=2, y=1). <i>Physica C: Superconductivity and Its Applications</i> , <b>1993</b> , 217, 21-26	1.3	8
69	Chemical analysis of superconducting phase in K-doped picene. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 444001	1.8	7
68	The ESR spectra of p-benzosemiquinone radical anion included in cyclodextrins. <i>Chemical Physics Letters</i> , <b>1987</b> , 137, 467-470	2.5	7
67	Synthesis and characterization of carbazolo[2,1-a]carbazole in thin film and single crystal field-effect transistors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 7020-7027	7.1	6
66	Fabrication of flexible high-performance organic field-effect transistors using phenacene molecules and their application toward flexible CMOS inverters. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 6022-6033	7.1	6
65	Photophysics of Pentacene-Doped Picene Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 16879-16886	6.8	6
64	Dynamics of carrier injection in picene thin-film field-effect transistors with an ionic liquid sheet and ionic liquid gel. <i>Organic Electronics</i> , <b>2014</b> , 15, 3070-3075	3.5	6
63	XAFS study on metal endohedral fullerenes. <i>Journal of Synchrotron Radiation</i> , <b>2001</b> , 8, 551-3	2.4	6
62	The structure and dynamics of 1,3,5-cycloheptatriene and 1,3-cycloheptadiene radical cations in low-temperature matrices. An ESR investigation. <i>Chemical Physics</i> , <b>1992</b> , 160, 421-426	2.3	6
61	Charge-Transfer Satellite in Ce@C82 Probed by Resonant X-ray Emission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 014702	1.5	5
60	Photoemission study of electronic structures of fullerene and metallofullerene peapods. <i>Physica Status Solidi (B): Basic Research</i> , <b>2008</b> , 245, 2025-2028	1.3	5
59	Crystal Structure of Trimethylammonium Perchlorate in Three Solid Phases Including the Ionic Plastic Phase Obtainable above 480 K. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1994</b> , 49, 723-726	1.4	5
58	Electrostatic electron-doping yields superconductivity in LaOBiS <sub>2</sub> . <i>Applied Physics Letters</i> , <b>2016</b> , 109, 252601	3.4	5
57	Balanced Ambipolar Charge Transport in Phenacene/Perylene Heterojunction-Based Organic Field-Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 8631-8642	9.5	5
56	Superconductivity in 5d transition metal Laves phase SrIr. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 175703	1.8	4
55	Fabrication of field-effect transistor devices with fullerene related materials. <i>Physica Status Solidi (B): Basic Research</i> , <b>2006</b> , 243, 3021-3024	1.3	4
54	Crystal structure and phase transition in tert -butylammonium tetrafluoroborate studied by single crystal X-ray diffraction. <i>Journal of Molecular Structure</i> , <b>2002</b> , 606, 273-279	3.4	4
53	Induced Circular Dichroism and Molecular Orientations of $\beta$ -Cyclodextrin Inclusion Complexes with 9,10-Anthraquinone and 9,10-Phenanthrenequinone. <i>Bulletin of the Chemical Society of Japan</i> , <b>1989</b> , 62, 3706-3708	5.1	4



52	Spectroscopic Investigation of Methyl Viologen Radical Cation Included in $\beta$ -Cyclodextrin. <i>Chemistry Letters</i> , <b>1989</b> , 18, 341-344	1.7	4
51	1D and 2D Bi Compounds in Field-Effect Transistors. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500085	6.4	3
50	Preferred location of the Dy ion in the minor isomer of Dy@C82 determined by Dy LIII-edge EXAFS. <i>Chemical Physics Letters</i> , <b>2004</b> , 388, 23-26	2.5	3
49	Spectroscopic studies on the cyclodextrin inclusion complexes of aromatic compounds and radicals. <i>Supramolecular Chemistry</i> , <b>1993</b> , 2, 277-282	1.8	3
48	ESR Spectra of Para-Substituted Alkyl- and Alkenylbenzene Radical Cations in Halocarbon Matrices. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , <b>1992</b> , 47, 788-796	1.4	3
47	Determination of the deuterium and alkyl-substituent hyperfine coupling constants in nitrobenzene radical anions by formation of cyclodextrin inclusion complexes. <i>Chemical Physics Letters</i> , <b>1989</b> , 157, 19-24	2.5	3
46	Electronic structures of Bi <sub>2</sub> Se <sub>3</sub> and AgxBi <sub>2</sub> Se <sub>3</sub> under pressure studied by high-resolution x-ray absorption spectroscopy and density functional theory calculations. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	3
45	Preparation and characterization of superconducting Ba <sub>1-x</sub> Cs <sub>x</sub> Ti <sub>2</sub> Sb <sub>2</sub> O <sub>8</sub> , and its pressure dependence of superconductivity. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, 110603	1.4	3
44	Preparation and characterization of a new graphite superconductor: CaSrC. <i>Scientific Reports</i> , <b>2017</b> , 7, 7436	4.9	2
43	Transistor properties of exfoliated single crystals of 2H-Mo(Se <sub>1-x</sub> Tex) <sub>2</sub> (001). <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	2
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40	Polymer ring formation by electron/hole injection from an STM tip into a C <sub>60</sub> close-packed layer. <i>Physica Status Solidi (B): Basic Research</i> , <b>2006</b> , 243, 3017-3020	1.3	2
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37	Temperature dependence of lattice constant and lattice vibration of Rb <sub>3</sub> C <sub>60</sub> crystals. <i>Solid State Communications</i> , <b>1996</b> , 100, 153-156	1.6	2
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32	Facile synthesis of picones incorporating imide moieties at both edges of the molecule and their application to -channel field-effect transistors.. <i>RSC Advances</i> , <b>2020</b> , 10, 31547-31552	3.7	2
31	Study of the Pressure-Induced Second Superconducting Phase of $(\text{NH}_3)_y\text{Cs}_{0.4}\text{FeSe}$ with Double-Dome Superconductivity. <i>Journal of the Physical Society of Japan</i> , <b>2019</b> , 88, 074704	1.5	2
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28	Superconductivity of topological insulator $\text{SbTeSe}$ under pressure. <i>Journal of Physics Condensed Matter</i> , <b>2021</b> , 33,	1.8	2
27	Fabrication of ring oscillators using organic molecules of phenacene and perylene dicarboximide.. <i>RSC Advances</i> , <b>2021</b> , 11, 7538-7551	3.7	2
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25	Inhomogeneous superconductivity in thin crystals of $\text{FeSe}_{1-x}\text{Tex}$ ( $x = 1.0, 0.95$ , and $0.9$ ). <i>Materials Research Express</i> , <b>2020</b> , 7, 036001	1.7	1
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18	Study on the physical properties of $\text{Na}_4\text{C}_{60}$ . <i>AIP Conference Proceedings</i> , <b>2001</b> ,	0	1
17	Superconducting behavior of $\text{BaTiBiO}$ and its pressure dependence. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 23315-23322	3.6	1

16	Preparation and characterization of a new metal-intercalated graphite superconductor. <i>Materials Research Express</i> , <b>2019</b> , 6, 016003	1.7	1
15	Synthesis of [7]phenacene incorporating tetradecyl chains in the axis positions and its application in field-effect transistors. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7422-7435	7.1	1
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13	Emergence of a Pressure-Driven Superconducting Phase in BaNaTiSbO. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3585-3592	5.1	1
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10	A new protocol for the preparation of superconducting KBi.. <i>RSC Advances</i> , <b>2020</b> , 10, 26686-26692	3.7	0
9	Photochemical synthesis and device application of acene-phenacene hybrid molecules, dibenzo[ <i>h</i> ]phenacenes (= 5-7). <i>Chemical Communications</i> , <b>2021</b> , 57, 4768-4771	5.8	0
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