

Takeo Oku

List of Publications by Year in descending order

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247
papers

4,955
citations

126708

33
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155451

55
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251
all docs

251
docs citations

251
times ranked

3356
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation, atomic structures and properties of boron nitride and carbon nanocage fullerene materials. <i>Solid State Sciences</i> , 2001, 3, 597-612.	0.8	252
2	Diffusion barrier property of TaN between Si and Cu. <i>Applied Surface Science</i> , 1996, 99, 265-272.	3.1	226
3	Synthesis, atomic structures and properties of carbon and boron nitride fullerene materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2000, 74, 206-217.	1.7	203
4	Formation and structure of B ₂₄ N ₂₄ clusters. <i>Chemical Physics Letters</i> , 2003, 380, 620-623.	1.2	168
5	WN _x diffusion barriers between Si and Cu. <i>Thin Solid Films</i> , 1996, 286, 170-175.	0.8	135
6	Hydrogen storage in boron nitride nanomaterials studied by TG/DTA and cluster calculation. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 549-552.	1.9	100
7	Microstructures and photovoltaic properties of perovskite-type CH ₃ NH ₃ PbI ₃ compounds. <i>Applied Physics Express</i> , 2014, 7, 121601.	1.1	99
8	Formation and atomic structures of B _n N _n (n=24-60) clusters studied by mass spectrometry, high-resolution electron microscopy and molecular orbital calculations. <i>Physica B: Condensed Matter</i> , 2004, 351, 184-190.	1.3	83
9	Crystal structures of perovskite halide compounds used for solar cells. <i>Reviews on Advanced Materials Science</i> , 2020, 59, 264-305.	1.4	80
10	Crystal Structures of CH ₃ NH ₃ PbI ₃ and Related Perovskite Compounds Used for Solar Cells. , 0, , .		75
11	Twin structures of rhombohedral and cubic boron nitride prepared by chemical vapor deposition method. <i>Diamond and Related Materials</i> , 2003, 12, 1138-1145.	1.8	64
12	Effects of Antimony Addition to Perovskite-type CH ₃ NH ₃ PbI ₃ Photovoltaic Devices. <i>Chemistry Letters</i> , 2016, 45, 134-136.	0.7	63
13	Highly (100)-oriented CH ₃ NH ₃ PbI ₃ (Cl) perovskite solar cells prepared with NH ₄ Cl using an air blow method. <i>RSC Advances</i> , 2018, 8, 10389-10395.	1.7	63
14	Structures and photovoltaic properties of copper oxides/fullerene solar cells. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1206-1211.	1.9	62
15	Fabrication and characterization of fullerene/porphyrin bulk heterojunction solar cells. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 551-555.	1.9	61
16	Formation and structures of multiply-twinned nanoparticles with fivefold symmetry in chemical vapor deposited boron nitride. <i>Diamond and Related Materials</i> , 2003, 12, 1918-1926.	1.8	59
17	Fabrication and Characterization of ZnO/Cu ₂ O Solar Cells Prepared by Electrodeposition. <i>Applied Physics Express</i> , 2013, 6, 086503.	1.1	57
18	Chemical synthesis of silver nanoparticles encapsulated in boron nitride nanocages. <i>Journal of Materials Chemistry</i> , 2000, 10, 255-257.	6.7	46

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19	Fabrication and characterization of TiO ₂ -based dye-sensitized solar cells. Progress in Natural Science: Materials International, 2011, 21, 122-126.	1.8	44
20	Effects of annealing temperature on decaphenylcyclopentasilane-inserted CH ₃ NH ₃ PbI ₃ perovskite solar cells. Chemical Physics Letters, 2019, 737, 136822.	1.2	44
21	Effects of Cl Addition to Sb-Doped Perovskite-Type CH ₃ NH ₃ PbI ₃ Photovoltaic Devices. Metals, 2016, 6, 147.	1.0	43
22	Structural stabilities of organic-inorganic perovskite crystals. Japanese Journal of Applied Physics, 2018, 57, 08RE12.	0.8	42
23	Additive effects of alkali metals on Cu-modified CH ₃ NH ₃ PbI ₃ photovoltaic devices. RSC Advances, 2019, 9, 24231-24240.	1.7	41
24	Synthesis and crystal structure of Pb ₂ Sr ₂ (Ln,Ce) _n Cu ₃ O _{6+2n} and Pb(Ba,Sr) ₂ (Ln,Ce) _n Cu ₃ O _{5+2n} (Ln=Y,n=3,4, and 0$\frac{1}{2}$), layered structure compounds with multiple fluorite layers. Physica C: Superconductivity and Its Applications, 1991, 181, 311-319.	0.6	40
25	Hydrogen Storage in Boron Nitride and Carbon Nanomaterials. Energies, 2015, 8, 319-337.	1.6	39
26	Synthesis and magnetic property of boron nitride nanocapsules encaging iron and cobalt nanoparticles. Journal of Physics and Chemistry of Solids, 2006, 67, 1152-1156.	1.9	38
27	Fabrication, nanostructures and electronic properties of nanodiamond-based solar cells. Progress in Natural Science: Materials International, 2010, 20, 38-43.	1.8	38
28	Effects of titanium impregnation on the thermal conductivity of carbon/copper composite materials. Journal of Nuclear Materials, 1998, 257, 59-66.	1.3	37
29	Fabrication and Characterization of TiO ₂ /CH ₃ NH ₃ PbI ₃ -based Photovoltaic Devices. Chemistry Letters, 2014, 43, 916-918.	0.7	37
30	Effects of Co-Addition of Sodium Chloride and Copper(II) Bromide to Mixed-Cation Mixed-Halide Perovskite Photovoltaic Devices. ACS Applied Energy Materials, 2020, 3, 7272-7283.	2.5	37
31	Formation and photoluminescence of Ge and Si nanoparticles encapsulated in oxide layers. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2000, 74, 242-247.	1.7	36
32	Effects of NH ₄ Cl addition to perovskite CH ₃ NH ₃ PbI ₃ photovoltaic devices. Journal of the Ceramic Society of Japan, 2017, 125, 303-307.	0.5	36
33	Formation of carbon nanocapsules with SiC nanoparticles prepared by polymer pyrolysis. Journal of Materials Chemistry, 1998, 8, 1323-1325.	6.7	35
34	Digital HREM Imaging of Yttrium Atoms in YB ₅₆ with YB ₆₆ Structure. Journal of Solid State Chemistry, 1998, 135, 182-193.	1.4	34
35	Electronic and optical properties of boron nitride nanotubes. Journal of Physics and Chemistry of Solids, 2008, 69, 1228-1231.	1.9	34
36	Formation and characterization of polymer/fullerene bulk heterojunction solar cells. Journal of Physics and Chemistry of Solids, 2008, 69, 1276-1279.	1.9	34

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37	Effects of chlorine addition to perovskite-type $\text{CH}_3\text{NH}_3\text{PbI}_3$ photovoltaic devices. Journal of the Ceramic Society of Japan, 2016, 124, 234-238.	0.5	33
38	Fabrication and Characterization of Fullerene-Based Bulk Heterojunction Solar Cells with Porphyrin, CuInS_2 , Diamond and Exciton-Diffusion Blocking Layer. Energies, 2010, 3, 671-685.	1.6	32
39	Fabrication and Characterization of CuO -based Solar Cells. Journal of Materials Science Research, 2011, 1, .	0.1	32
40	Effects of annealing on $\text{CH}_3\text{NH}_3\text{PbI}_3(\text{Cl})$ perovskite photovoltaic devices. Journal of the Ceramic Society of Japan, 2018, 126, 56-60.	0.5	32
41	Polysilane-Inserted Methylammonium Lead Iodide Perovskite Solar Cells Doped with Formamidinium and Potassium. Energies, 2020, 13, 4776.	1.6	32
42	Photovoltaic Characteristics of $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite Solar Cells Added with Ethylammonium Bromide and Formamidinium Iodide. Coatings, 2020, 10, 410.	1.2	32
43	Effects of mixed-valence states of Eu-doped FAPbI_3 perovskite crystals studied by first-principles calculation. Materials Advances, 2021, 2, 2609-2616.	2.6	32
44	Effects of doping with Na, K, Rb, and formamidinium cations on $(\text{CH}_3\text{NH}_3)_{0.99}\text{Rb}_{0.01}\text{Pb}_{0.99}\text{Cu}_{0.01}\text{I}_3$ (Cl, Br) perovskite photovoltaic cells. AIP Advances, 2020, 10, .	0.6	32
45	NiGe_2E_6 -based ohmic contacts on GaAs . I. Effects of In addition. Journal of Applied Physics, 1994, 75, 2522-2529.	1.1	31
46	Fabrication and characterization of perovskite type solar cells using phthalocyanine complexes. Applied Surface Science, 2019, 488, 586-592.	3.1	30
47	Fabrication and evaluation of K-doped $\text{MA}_{0.8}\text{FA}_{0.1}\text{K}_{0.1}\text{PbI}_3(\text{Cl})$ perovskite solar cells. Chemical Physics Letters, 2019, 730, 117-123.	1.2	29
48	Atomic structures and stability of hexagonal BN, diamond and Au multiply-twinned nanoparticles with five-fold symmetry. Diamond and Related Materials, 2001, 10, 1398-1403.	1.8	28
49	Microstructures and magnetic properties of boron nitride- and carbon-coated iron nanoparticles synthesized by a solid phase reaction. Journal of Materials Chemistry, 2004, 14, 253.	6.7	28
50	Effects of guanidinium addition to $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite photovoltaic devices. Journal of the Ceramic Society of Japan, 2019, 127, 491-497.		
51	First-principles calculation study of electronic structures of alkali metals (Li, K, Na and Tl). Journal of Applied Physics, 2007, 102, 912-921.	3.1	28
52	Crystal structure of $\text{HgTiBa}_2\text{CuO}_x$ studied by high-resolution electron microscopy. Journal of Materials Research, 1998, 13, 1136-1140.	1.2	27
53	Formation, Atomic Structures and Properties of Carbon Nanocage Materials. Topics in Applied Physics, 2006, , 187-216.	0.4	27
54	Structure and photovoltaic activity of cupric oxide-based thin film solar cells. Journal of the Ceramic Society of Japan, 2010, 118, 1021-1023.	0.5	27

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55	Fabrication and characterization of copper oxide-zinc oxide solar cells prepared by electrodeposition. <i>Journal of Physics: Conference Series</i> , 2013, 433, 012024.	0.3	27
56	Microstructures and Photovoltaic Properties of Polysilane-Based Solar Cells. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 04CR07.	0.8	27
57	Fabrication and Characterization of CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells Added with Polysilanes. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-7.	1.4	27
58	Stability Characterization of PbI ₂ -Added CH ₃ NH ₃ PbI ₃ Perovskite Photovoltaic Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44443-44451.	4.0	27
59	Effects of Polysilane Addition to Chlorobenzene and High Temperature Annealing on CH ₃ NH ₃ PbI ₃ Perovskite Photovoltaic Devices. <i>Coatings</i> , 2021, 11, 665.	1.2	27
60	Fabrication and characterization of potassium- and formamidinium-added perovskite solar cells. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 805-811.	0.5	27
61	Structure analysis of oxygen-deficient TlSr ₂ CuO _y by neutron diffraction and high-resolution electron microscopy. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 221, 261-268.	0.6	26
62	Synthesis of huge boron nitride cages. <i>Diamond and Related Materials</i> , 2005, 14, 1190-1192.	1.8	26
63	Effects of Adding Alkali Metals and Organic Cations to Cu-Based Perovskite Solar Cells. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1710.	1.3	26
64	Fabrication and Characterization of CH ₃ NH ₃ PbI ₃ Br _x Cl _y Perovskite Solar Cells. <i>Energies</i> , 2016, 9, 376.	1.6	25
65	Effects of transition metals incorporated into perovskite crystals on the electronic structures and magnetic properties by first-principles calculation. <i>Heliyon</i> , 2018, 4, e00755.	1.4	25
66	Fabrication and Characterization of a Perovskite-Type Solar Cell with a Substrate Size of 70 mm. <i>Coatings</i> , 2015, 5, 646-655.	1.2	24
67	Fabrication and characterization of perovskite-based CH ₃ NH ₃ Pb _{1-x} GexI ₃ , CH ₃ NH ₃ Pb _{1-x} TlxI ₃ and CH ₃ NH ₃ Pb _{1-x} InxI ₃ photovoltaic devices. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	24
68	Additive effects of methyl ammonium bromide or formamidinium bromide in methylammonium lead iodide perovskite solar cells using decaphenylcyclopentasilane. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 26449-26464.	1.1	24
69	Oxygen arrangement on Hg _{0.5} Tl _{0.5} Ba ₂ CuO _x (100) surface studied by high-resolution electron microscopy. <i>Applied Physics Letters</i> , 1999, 75, 2226-2228.	1.5	23
70	Direct structure analysis of advanced nanomaterials by high-resolution electron microscopy. <i>Nanotechnology Reviews</i> , 2012, 1, 389-425.	2.6	23
71	Fabrication and Characterization of Ni-, Co-, and Rb-Incorporated CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells. <i>Journal of Electronic Materials</i> , 2021, 50, 1980-1995.	1.0	23
72	Fabrication and characterization of CH ₃ NH ₃ PbI ₃ solar cells with added guanidinium and inserted with decaphenylpentasilane. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SB1024.	0.8	23

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73	Effects of Cu, K and Guanidinium Addition to CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells. Journal of Electronic Materials, 2022, 51, 4317-4328.	1.0	23
74	The Structure of Iron Oxide Implanted Zeolite Y, Determined by High-Resolution Electron Microscopy and Refined with Selected Area Electron Diffraction Amplitudes. Chemistry - A European Journal, 1999, 5, 244-249.	1.7	22
75	Formation, atomic structural optimization and electronic structures of tetrahedral carbon anion. Diamond and Related Materials, 2004, 13, 1337-1341.	1.8	22
76	Effects of PbI ₂ addition and TiO ₂ electron transport layers for perovskite solar cells. Japanese Journal of Applied Physics, 2018, 57, 08RE05.	0.8	22
77	Additive Effect of Formamidinium Chloride in Methylammonium Lead Halide Compound-Based Perovskite Solar Cells. Journal of Electronic Materials, 2019, 48, 3900-3907.	1.0	22
78	Additive Effects of Guanidinium Iodide on CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100396.	0.8	22
79	Formation and atomic structure of boron nitride nanotubes with a cup-stacked structure. Solid State Communications, 2007, 143, 331-336.	0.9	21
80	Effects of Niobium Addition into TiO ₂ Layers on CH ₃ NH ₃ PbI ₃ -based Photovoltaic Devices. Chemistry Letters, 2015, 44, 1033-1035.	0.7	21
81	Effects of Excess PbI ₂ Addition to CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells. Chemistry Letters, 2018, 47, 528-531.	0.7	21
82	Structures and purification of boron nitride nanotubes synthesized from boron-based powders with iron particles. Journal of Materials Science, 2008, 43, 2955-2961.	1.7	20
83	Additive Effects of Copper and Alkali Metal Halides into Methylammonium Lead Iodide Perovskite Solar Cells. Electronic Materials Letters, 2022, 18, 176-186.	1.0	20
84	Fivefold multiply-twinned precipitates in chemically vapour-deposited boron nitride studied by transmission electron microscopy. Journal of Materials Science Letters, 1989, 8, 130-134.	0.5	19
85	Superconductivity in the overdoping state of the (Hg,Tl)(Ba,La) ₂ CuO _{7-x} and (Hg,Tl) ₂ Ba ₂ CuO _{7-x/2} systems. Physica C: Superconductivity and Its Applications, 1996, 262, 1-6.	0.6	19
86	Synthesis of boron nitride nanotubes by using NbB ₂ , YB ₆ and YB ₆ /Ni powders. Diamond and Related Materials, 2003, 12, 1912-1917.	1.8	19
87	NiGe-based ohmic contacts on GaAs. II. Effects of Au addition. Journal of Applied Physics, 1994, 75, 2530-2537.	1.1	18
88	Effects of titanium addition on the microstructure of carbon/copper composite materials. Solid State Communications, 2007, 141, 132-135.	0.9	18
89	Formation and Characterization of Bulk Hetero-Junction Solar Cells Using C ₆₀ and Perylene. Materials Transactions, 2008, 49, 2457-2460.	0.4	18
90	Fabrication and characterization of inorganic-organic hybrid solar cells based on CuInS ₂ . Journal of the Ceramic Society of Japan, 2009, 117, 967-969.	0.5	18

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91	Fabrication and characterization of tetracyanoquinodimethane/phthalocyanine solar cells. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012, 177, 877-881.	1.7	18
92	Fabrication and characterization of fullerene-based solar cells containing phthalocyanine and naphthalocyanine dimers. <i>Synthetic Metals</i> , 2013, 177, 48-51.	2.1	18
93	Microstructures, optical and photoelectric conversion properties of spherical silicon solar cells with anti-reflection SnO ₂ :F thin films. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FJ03.	0.8	18
94	Electronic structures, spectroscopic properties, and thermodynamic characterization of sodium- or potassium-incorporated CH ₃ NH ₃ PbI ₃ by first-principles calculation. <i>Journal of Materials Science</i> , 2020, 55, 9728-9738.	1.7	18
95	Effects of copper addition on photovoltaic properties of perovskite CH ₃ NH ₃ PbI _{3-x} Cl _x solar cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700268.	0.8	17
96	Effects of Cu addition to perovskite CH ₃ NH ₃ PbI _{3-x} Cl _x photovoltaic devices with hot airflow during spin-coating. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 08RE10.	0.8	17
97	High-resolution electron microscopy and electron diffraction of perovskite-type superconducting copper oxides. <i>Nanotechnology Reviews</i> , 2014, 3, .	2.6	16
98	Effects of hole-transporting layers of perovskite-based solar cells. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 02BF01.	0.8	16
99	Effects of halogen doping on the photovoltaic properties of HC(NH ₂) ₂ PbI ₃ perovskite solar cells. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	16
100	A compact SiC photovoltaic inverter with maximum power point tracking function. <i>Solar Energy</i> , 2017, 141, 228-235.	2.9	16
101	Fabrication and Characterization of the copper bromides-added CH ₃ NH ₃ PbI _{3-x} Cl _x perovskite solar cells. <i>Synthetic Metals</i> , 2018, 244, 128-133.	2.1	16
102	Formation and structure of carbon nanocage structures produced by polymer pyrolysis and electron-beam irradiation. <i>Journal of Materials Research</i> , 1999, 14, 4266-4273.	1.2	15
103	Atomic structures and stabilities of zigzag- and armchair-type boron nitride nanotubes studied by high-resolution electron microscopy and molecular mechanics calculation. <i>Diamond and Related Materials</i> , 2004, 13, 1254-1260.	1.8	15
104	Fabrication and characterization of cuprous oxide: fullerene solar cells. <i>Synthetic Metals</i> , 2010, 160, 1219-1222.	2.1	15
105	Photovoltaic properties of Cu-doped CH ₃ NH ₃ PbI ₃ with perovskite structure. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	15
106	Effects of Decaphenylcyclopentasilane Addition on Photovoltaic Properties of Perovskite Solar Cells. <i>Coatings</i> , 2018, 8, 461.	1.2	15
107	Boron Nitride Nanocage Clusters, Nanotubes, Nanohorns, Nanoparticles, and Nanocapsules. , 2009, , 149-194.		15
108	Disordering of Pb and Cu arrangements in the block layers of Pb ₂ Sr ₂ YCu ₃ O _{8+δ} and PbBaSrYCu ₃ O _{7+δ} by oxygen introduction. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 215, 243-252.	0.6	14

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109	Surface structures of (Hg, Tl)-based oxides studied by high-resolution electron microscopy. <i>Surface Science</i> , 1998, 407, L647-L651.	0.8	14
110	Possible detection of doping atoms in C60 solid clusters by high-resolution electron microscopy. <i>Carbon</i> , 1999, 37, 1299-1309.	5.4	14
111	High-resolution electron microscopy of boron nitride nanotube with yttrium nanowire. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 359-361.	1.9	14
112	Atomic structures and formation mechanism of boron nitride nanotubes and nanohorns synthesized by arc-melting LaB6 powders. <i>Journal of the European Ceramic Society</i> , 2006, 26, 435-441.	2.8	14
113	Fabrication and Characterization of Copper System Compound Semiconductor Solar Cells. <i>Advances in Materials Science and Engineering</i> , 2010, 2010, 1-11.	1.0	14
114	Effects of poly(methyl methacrylate) addition to perovskite photovoltaic devices. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	14
115	Effects of polysilane-doped spiro-OMeTAD hole transport layers on photovoltaic properties. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1600591.	0.8	13
116	Arsenic and Chlorine Co-Doping to CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells. <i>Advances in Materials Physics and Chemistry</i> , 2017, 07, 1-10.	0.3	13
117	Atomic and electronic structures of boron nitride nanohorns studied by high-resolution electron microscopy and molecular orbital calculations. <i>Diamond and Related Materials</i> , 2005, 14, 1183-1189.	1.8	12
118	Synthesis and nanostructure of boron nitride nanotubes grown from iron-evaporated boron. <i>Diamond and Related Materials</i> , 2008, 17, 1805-1807.	1.8	12
119	Role of bromine doping on the photovoltaic properties and microstructures of CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	12
120	Additive effect of lanthanide compounds into perovskite layer on photovoltaic properties and electronic structures. <i>Synthetic Metals</i> , 2022, 287, 117092.	2.1	12
121	Chemical characterization and superconductivity of Tl ₂ Ba ₂ xLaxCuO _y with the orthorhombic and tetragonal structures. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 214, 80-86.	0.6	11
122	Formation of WSi-based ohmic contacts to n-type GaAs. <i>Thin Solid Films</i> , 1997, 300, 218-222.	0.8	11
123	Growth of Boron Nitride Nanohorn Structures. <i>Materials Transactions</i> , 2008, 49, 2461-2464.	0.4	11
124	Fabrication and characterization of PCBM:P3HT:silicon phthalocyanine bulk heterojunction solar cells with inverted structures. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FJ08.	0.8	11
125	Facile Fabrication and Photovoltaic Application of [60]Fullerene Assembly Films Formed by Reaction between Fullerene and Amines. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1335-1342.	2.0	11
126	Fabrication and characterization of CH ₃ NH ₃ (Cs)Pb(Sn)I ₃ (Br) perovskite solar cells. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	11

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127	Effects of SbBr ₃ addition to CH ₃ NH ₃ PbI ₃ solar cells. AIP Conference Proceedings, 2017, , .	0.3	11
128	Fabrication and characterization of CH ₃ NH ₃ (Cs)Pb(Sn)I ₃ (Cl) perovskite solar cells with TiO ₂ nanoparticle layers. Japanese Journal of Applied Physics, 2018, 57, 02CE03.	0.8	11
129	Microstructures, optical and photovoltaic properties of CH ₃ NH ₃ PbI ₃ (1-x)Cl _x perovskite films with CuSCN additive. Materials Research Express, 2018, 5, 055504.	0.8	11
130	Rietveld refinement of crystal structure of perovskite CH ₃ NH ₃ Pb(Sb)I ₃ solar cells. Japanese Journal of Applied Physics, 2018, 57, 02CE02.	0.8	11
131	Atomic structures and stability of boron nitride nanotubes with a cup-stacked structure. Diamond and Related Materials, 2005, 14, 1163-1168.	1.8	10
132	Formation and Atomic Structures of Boron Nitride Nanotubes with Cup-Stacked and Fe Nanowire Encapsulated Structures. Materials Transactions, 2007, 48, 722-729.	0.4	10
133	Facile Solubilization and Photovoltaic Application of C ₆₀ Fullerene-ethylene diamine Adduct. Chemistry Letters, 2013, 42, 177-179.	0.7	10
134	C ₆₀ -ethylene diamine adduct thin film as a buffer layer for inverted-type organic solar cells. RSC Advances, 2014, 4, 34950.	1.7	10
135	First-principles calculation study of electronic structures and magnetic properties of Mn-doped perovskite crystals for solar cell applications. Japanese Journal of Applied Physics, 2018, 57, 02CE04.	0.8	10
136	Atomic structure of YB56 studied by digital high-resolution electron microscopy and electron diffraction. Journal of Materials Research, 2001, 16, 101-107.	1.2	9
137	Atomic and electronic structures of multiply-twinned boron nitride nanoparticles with fivefold symmetry. Diamond and Related Materials, 2005, 14, 1193-1197.	1.8	9
138	The effects of exciton-diffusion blocking layers on pentacene/C ₆₀ bulk heterojunction solar cells. Journal of Physics and Chemistry of Solids, 2010, 71, 210-213.	1.9	9
139	Construction and characterization of spherical Si solar cells combined with SiC electric power inverter. AIP Conference Proceedings, 2015, , .	0.3	9
140	Fabrication and characterization of perovskite solar cells added with MnCl ₂ , YCl ₃ or poly(methyl) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 2	0.3	9
141	Electronic Structures and Magnetic Properties of Transition Metal Doped CsPbI ₃ Perovskite Compounds by First-Principles Calculation. Physics of the Solid State, 2019, 61, 1074-1085.	0.2	9
142	Formation and characterization of copper tetrakis (4-cumylphenoxy) phthalocyanine:perylene solar cells. Synthetic Metals, 2009, 159, 1345-1348.	2.1	8
143	Influence of chemical substitution in Sc _x Y _{3-x} N@C ₈₀ (CF ₃) _n endohedral fullerenes on magnetic properties. Physica B: Condensed Matter, 2013, 428, 18-26.	1.3	8
144	Effects of Germanium Tetrabromide Addition to Zinc Tetraphenyl Porphyrin / Fullerene Bulk Heterojunction Solar Cells. Electronics (Switzerland), 2014, 3, 112-121.	1.8	8

#	ARTICLE	IF	CITATIONS
145	Effect of gold nanoparticle in hole-transport layer on inverted organic thin-film solar cell performance. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1645-1650.	0.8	8
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