Takeshi

List of Publications by Year in descending order

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		94269	110170
205	4,984	37	64
papers	citations	h-index	g-index

209	209	209	6489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aligning single-wall carbon nanotubes with an alternating-current electric field. Applied Physics Letters, 2001, 78, 3714-3716.	1.5	445
2	Chemical treatment and modification of multi-walled carbon nanotubes. Physica B: Condensed Matter, 2002, 323, 280-283.	1.3	269
3	Selectivity of water-soluble proteins in single-walled carbon nanotube dispersions. Chemical Physics Letters, 2006, 429, 497-502.	1.2	213
4	Selective Diameter Control of Single-Walled Carbon Nanotubes in the Gas-Phase Synthesis. Journal of Nanoscience and Nanotechnology, 2008, 8, 6153-6157.	0.9	204
5	Cross section and complete set of proton spin observables inpâ†'delastic scattering at 250 MeV. Physical Review C, 2002, 66, .	1.1	143
6	Semiconductor-enriched single wall carbon nanotube networks applied to field effect transistors. Applied Physics Letters, 2008, 92, 243112.	1.5	139
7	Confined water inside single-walled carbon nanotubes: Global phase diagram and effect of finite length. Journal of Chemical Physics, 2011, 134, 244501.	1.2	133
8	CVD Growth of Single-Walled Carbon Nanotubes with Narrow Diameter Distribution over Fe/MgO Catalyst and Their Fluorescence Spectroscopy. Journal of Physical Chemistry B, 2005, 109, 10035-10041.	1.2	125
9	From materials to device design of a thermoelectric fabric for wearable energy harvesters. Journal of Materials Chemistry A, 2017, 5, 12068-12072.	5.2	120
10	Highâ€Yield Synthesis of Ultrathin Metal Nanowires in Carbon Nanotubes. Angewandte Chemie - International Edition, 2009, 48, 8298-8302.	7.2	89
11	Size Control of Metal Nanoparticle Catalysts for the Gas-Phase Synthesis of Single-Walled Carbon Nanotubes. Journal of Physical Chemistry B, 2005, 109, 10647-10652.	1.2	88
12	Morphology and Melting Behavior of Ionic Liquids inside Single-Walled Carbon Nanotubes. Journal of the American Chemical Society, 2009, 131, 14850-14856.	6.6	87
13	Polarization transfer measurement forH1(dâƒ—,pâƒ—)H2elastic scattering at135MeVâˆ•nucleonand three-nucleon force effects. Physical Review C, 2004, 70, .	1.1	84
14	Optical Band Gap Modification of Single-Walled Carbon Nanotubes by Encapsulated Fullerenes. Journal of the American Chemical Society, 2008, 130, 4122-4128.	6.6	84
15	Fabrication of high strength PVA/SWCNT composite fibers by gel spinning. Carbon, 2010, 48, 1977-1984.	5.4	83
16	Length-Dependent Plasmon Resonance in Single-Walled Carbon Nanotubes. ACS Nano, 2014, 8, 9897-9904.	7.3	81
17	Photoluminescence Mapping of â€œAs-Grownâ€•Single-Walled Carbon Nanotubes:Â A Comparison with Micelle-Encapsulated Nanotube Solutions. Nano Letters, 2005, 5, 2618-2623.	4.5	68
18	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to zÂ=Â1. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4233-4251.	1.6	67

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19	Supramolecular Catalysts for the Gas-phase Synthesis of Single-walled Carbon Nanotubes. Journal of Physical Chemistry B, 2006, 110, 5849-5853.	1.2	63
20	Doping of single-walled carbon nanotubes controlled via chemical transformation of encapsulated nickelocene. Nanoscale, 2015, 7, 1383-1391.	2.8	60
21	Robust and Soft Elastomeric Electronics Tolerant to Our Daily Lives. Nano Letters, 2015, 15, 5716-5723.	4.5	56
22	Selective Matching of Catalyst Element and Carbon Source in Single-Walled Carbon Nanotube Synthesis on Silicon Substrates. Journal of Physical Chemistry B, 2005, 109, 2632-2637.	1.2	52
23	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. Physical Review Letters, 2020, 125, 021301.	2.9	52
24	Thermoelectric properties of single-wall carbon nanotube films: Effects of diameter and wet environment. Applied Physics Express, 2016, 9, 025102.	1.1	49
25	Ultra-thin and high-response transparent and flexible heater based on carbon nanotube film. Applied Physics Letters, 2017, 110, .	1.5	49
26	High yield synthesis and characterization of the structural and magnetic properties of crystalline ErCl3 nanowires in single-walled carbon nanotube templates. Nano Research, 2008, 1, 152-157.	5.8	48
27	A Novel Method for Characterizing the Diameter of Single-Wall Carbon Nanotubes by Optical Absorption Spectra. Applied Physics Express, 2009, 2, 095006.	1.1	47
28	Fermi-Level-Controlled Semiconducting-Separated Carbon Nanotube Films for Flexible Terahertz Imagers. ACS Applied Nano Materials, 2018, 1, 2469-2475.	2.4	46
29	Shape Evolution in Neutron-Rich Krypton Isotopes Beyond <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>60</mml:mn></mml:mrow></mml:math> : First Spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Kr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow><mml:mrow><mml:mn>36</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>.	2.9	44
30	Photoluminescence quenching in peapod-derived double-walled carbon nanotubes. Physical Review B, 2006, 74, .	1.1	43
31	Electron Microscopic Imaging of a Single Group 8 Metal Atom Catalyzing Câ€“C Bond Reorganization of Fullerenes. Journal of the American Chemical Society, 2011, 133, 14151-14153.	6.6	43
32	Are There Signatures of Harmonic Oscillator Shells Far from Stability? First Spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Zr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>110</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2017, 118, 032501.	2.9	41
33	Separation of Metallic and Semiconducting Single-Wall Carbon Nanotube Solution by Vertical Electric Field. Journal of Physical Chemistry C, 2011, 115, 22827-22832.	1.5	40
34	Chromophore Ordering by Confinement into Carbon Nanotubes. Journal of Physical Chemistry C, 2014, 118, 19462-19468.	1.5	40
35	IR-Extended Photoluminescence Mapping of Single-Wall and Double-Wall Carbon Nanotubes. Journal of Physical Chemistry B, 2006, 110, 17420-17424.	1.2	39
36	Diameterâ€Dependent Performance of Singleâ€Walled Carbon Nanotube Thinâ€Film Transistors. Advanced Materials, 2011, 23, 4631-4635.	11.1	39

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37	Diameter-dependent hydrophobicity in carbon nanotubes. Journal of Chemical Physics, 2016, 145, .	1.2	39
38	Gamow-Teller unit cross sections of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>n</mml:mi><mml:mo) Tj ETQq1 1 0.10 0 rgBT /Overlock nuclei. Physical Review C, 2009, 79, .	1.0	36
39	Highly stable n-type thermoelectric materials fabricated via electron doping into inkjet-printed carbon nanotubes using oxygen-abundant simple polymers. Molecular Systems Design and Engineering, 2017, 2, 616-623.	1.7	36
40	Photoluminescence and population analysis of single-walled carbon nanotubes produced by CVD and pulsed-laser vaporization methods. Chemical Physics Letters, 2006, 420, 286-290.	1.2	34
41	Wet spinning of continuous polymer-free carbon-nanotube fibers with high electrical conductivity and strength. Applied Physics Express, 2016, 9, 055101.	1.1	33
42	Constraining very-high-energy and optical emission from FRB 121102 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2479-2486.	1.6	33
43	Electrochemical durability of single-wall carbon nanotube electrode against anodic oxidation in water. Carbon, 2012, 50, 4932-4938.	5.4	32
44	Monitoring of the radio galaxy MÂ87 during a low-emission state from 2012 to 2015 with MAGIC. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5354-5365.	1.6	31
45	Interdependency of Gas Phase Intermediates and Chemical Vapor Deposition Growth of Single Wall Carbon Nanotubes. Chemistry of Materials, 2010, 22, 6035-6043.	3.2	29
46	Inner tube growth properties and electronic structure of ferrocene-filled large diameter single-walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2013, 250, 2575-2580.	0.7	29
47	Chirality-dependent growth of single-wall carbon nanotubes as revealed inside nano-test tubes. Nanoscale, 2017, 9, 7998-8006.	2.8	29
48	An efficient carbon precursor for gas phase growth of SWCNTs. Chemical Communications, 2009, , 3422.	2.2	28
49	Synthesis of oligo(m-aniline). Tetrahedron Letters, 1995, 36, 8809-8812.	0.7	27
50	First experiment of 6He with a polarized proton target. European Physical Journal A, 2005, 25, 255-258.	1.0	27
51	Fractionation of Single Wall Carbon Nanotubes by Length Using Cross Flow Filtration Method. ACS Nano, 2010, 4, 3606-3610.	7.3	27
52	Toward Confined Carbyne with Tailored Properties. Nano Letters, 2021, 21, 1096-1101.	4.5	27
53	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3271-3281.	1.6	26
54	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. Astrophysical Journal, Supplement Series, 2017, 232, 9.	3.0	25

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55	Fabrication of Large-Area Graphene Using Liquid Gallium and Its Electrical Properties. Japanese Journal of Applied Physics, 2010, 49, 06GC01.	0.8	24
56	Industrially Feasible Approach to Transparent, Flexible, and Conductive Carbon Nanotube Films: Cellulose-Assisted Film Deposition Followed by Solution and Photonic Processing. Applied Physics Express, 2013, 6, 025101.	1.1	24
57	Building interconnects in carbon nanotube networks with metal halides for transparent electrodes. Carbon, 2015, 87, 61-69.	5.4	24
58	Length dependent performance of single-wall carbon nanotube thin film transistors. Carbon, 2015, 91, 370-377.	5.4	24
59	Fundamental Importance of Background Analysis in Precise Characterization of Single-Walled Carbon Nanotubes by Optical Absorption Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 10077-10081.	1.5	23
60	Nickel clusters embedded in carbon nanotubes as high performance magnets. Scientific Reports, 2015, 5, 15033.	1.6	23
61	Well-defined sub-nanometer graphene ribbons synthesized inside carbon nanotubes. Carbon, 2021, 171, 221-229.	5.4	23
62	Highly Uniform Thin-Film Transistors Printed on Flexible Plastic Films with Morphology-Controlled Carbon Nanotube Network Channels. Applied Physics Express, 2012, 5, 055102.	1.1	22
63	Gamma Decay of Unbound Neutron-Hole States in Sn133. Physical Review Letters, 2017, 118, 202502.	2.9	22
64	One-Dimensional Molecular Crystal of Phthalocyanine Confined into Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2015, 119, 5203-5210.	1.5	21
65	Chiral vector and metal catalyst-dependent growth kinetics of single-wall carbon nanotubes. Carbon, 2018, 133, 283-292.	5.4	21
66	Temperature dependence of inner tube growth from ferroceneâ€filled singleâ€walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2492-2495.	0.7	20
67	Photoreactivity Preservation of AgBr Nanowires in Confined Nanospaces. Advanced Materials, 2010, 22, 3156-3160.	11.1	19
68	Carbon nanotubes from enhanced direct injection pyrolytic synthesis as templates for long linear carbon chain formation. Physica Status Solidi (B): Basic Research, 2013, 250, 2611-2615.	0.7	19
69	Exchange coupling in a frustrated trimetric molecular magnet reversed by a 1D nano-confinement. Nanoscale, 2019, 11, 10615-10621.	2.8	19
70	Nanochemical reactions by laser annealing of ferrocene filled singleâ€walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2011, 248, 2488-2491.	0.7	18
71	The Interaction Mean Free Paths and the Fragmentation Probabilities of Cosmic Heavy Nuclei at Energies Above 10 GeV/Nucleon. Journal of the Physical Society of Japan, 1971, 30, 1243-1251.	0.7	17
72	The growth of new extended carbon nanophases from ferrocene inside singleâ€walled carbon nanotubes. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700158.	1.2	17

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73	Fermi level shift in carbon nanotubes by dye confinement. Carbon, 2019, 149, 772-780.	5.4	17
74	Change in band structure of orthorhombic Rb1C60 with the chain rotation modeling merohedral disorder. Chemical Physics Letters, 1997, 272, 189-192.	1.2	16
75	Templated direct growth of ultra-thin double-walled carbon nanotubes. Nanoscale, 2018, 10, 21254-21261.	2.8	16
76	Development of a system for experiencing tactile sensation from a robot hand by electrically stimulating sensory nerve fiber. , 0, , .		15
77	Preparation and characterization of transparent and conductive thin films of single-walled carbon nanotubes. Nanoscale, 2011, 3, 1904.	2.8	15
78	Understanding the doping effects on the structural and electrical properties of ultrathin carbon nanotube networks. Journal of Applied Physics, 2015, 118, 215305.	1.1	15
79	Temperature-dependent inner tube growth and electronic structure of nickelocene-filled single-walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2015, 252, 2485-2490.	0.7	15
80	MAGIC detection of very high energy Î³-ray emission from the low-luminosity blazar 1ESÂ1741+196. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1534-1541.	1.6	15
81	Synthesis and Photophysics of Quaterrylene Molecules in Single-Walled Carbon Nanotubes: Excitation Energy Transfer between a Nanoscale Cylinder and Encapsulated Molecules. Journal of Physical Chemistry C, 2014, 118, 21671-21681.	1.5	14
82	Rotational dynamics and dynamical transition of water inside hydrophobic pores of carbon nanotubes. Scientific Reports, 2017, 7, 14834.	1.6	14
83	An intermittent extreme BL Lac: MWL study of 1ESÂ2344+514 in an enhanced state. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3912-3928.	1.6	14
84	The variogram method for a fractal model of a rock joint surface. Geotechnical and Geological Engineering, 1999, 17, 197-210.	0.8	13
85	Low variability with high performance in thin-film transistors of semiconducting carbon nanotubes achieved by shortening tube lengths. RSC Advances, 2012, 2, 12408.	1.7	13
86	Inner tube growth and electronic properties of metallicity-sorted nickelocene-filled semiconducting single-walled carbon nanotubes. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	13
87	Oxidation stability of confined linear carbon chains, carbon nanotubes, and graphene nanoribbons as 1D nanocarbons. Nanoscale, 2019, 11, 15253-15258.	2.8	13
88	Multiwavelength variability and correlation studies of MrkÂ421 during historically low X-ray and Î³-ray activity in 2015â€“2016. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	13
89	Raman scattering from ferrocene encapsulated in narrow diameter carbon nanotubes. Physica Status Solidi (B): Basic Research, 2009, 246, 2724-2727.	0.7	12
90	Green tea-aided dispersion of single-walled carbon nanotubes in non-water media: Application for extraordinary reinforcement of nanocomposite fibers. Textile Reseach Journal, 2012, 82, 911-919.	1.1	12

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91	Observation of the intrinsic magnetic susceptibility of highly purified single-wall carbon nanotubes. Physical Review B, 2015, 92, .	1.1	12
92	Search for narrow dibaryon resonances by thepdâ†'pdXandpdâ†'ppXreactions. Physical Review C, 2002, 65, .	1.1	11
93	Analyzing powers Ayy , Axx , Axz and Ay in the dd â†' 3Hen reaction at 270 MeV. European Physical Journal A, 2007, 33, 39-46.	1.0	11
94	Global Phase Diagram of Water Confined on the Nanometer Scale. Journal of the Physical Society of Japan, 2010, 79, 083802.	0.7	11
95	Prevention of Sn and Pb Crystallization in a Confined Nanospace. Small, 2010, 6, 1279-1282.	5.2	11
96	Comparison of Doping Levels of Singleâ€Walled Carbon Nanotubes Synthesized by Arcâ€Discharge and Chemical Vapor Deposition Methods by Encapsulated Silver Chloride. Physica Status Solidi (B): Basic Research, 2018, 255, 1800178.	0.7	11
97	Ultrafast luminescence kinetics of metallic single-walled carbon nanotubes: Possible evidence for excitonic luminescence. Physical Review B, 2012, 85, .	1.1	10
98	Growth dynamics of inner tubes inside cobaltocene-filled single-walled carbon nanotubes. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	10
99	Fabrication of carbon nanotube hybrid films as transparent electrodes for small-molecule photovoltaic cells. RSC Advances, 2016, 6, 25062-25069.	1.7	10
100	Effects of Tube Diameter and Length on Transparent Conductivity of Single-Walled Carbon Nanotube Network Films. Journal of Nanomaterials, 2018, 2018, 1-9.	1.5	10
101	Enhancement of element production by incomplete fusion reaction with weakly bound deuteron. Communications Physics, 2019, 2, .	2.0	10
102	Spin-glassy phase of TDAE-C60crystals. Physical Review B, 1997, 55, 11052-11055.	1.1	9
103	Wall-Number Selectivity in Single/Double-Wall Carbon Nanotube Production by Enhanced Direct Injection Pyrolytic Synthesis. Japanese Journal of Applied Physics, 2013, 52, 105102.	0.8	9
104	Enhanced thermoelectric power of single-wall carbon nanotube film blended with ionic liquid. Japanese Journal of Applied Physics, 2016, 55, 03DC01.	0.8	9
105	Polarity tuning of single-walled carbon nanotube by dipole field of ferroelectric polymer for thermoelectric conversion. Applied Physics Express, 2016, 9, 081301.	1.1	9
106	Environment Effects on the Charge States of Metallic and Semiconducting SWCNTs during Their Separation by the Electric-Field Induced Layer Formation Method. Journal of Physical Chemistry C, 2019, 123, 3829-3835.	1.5	9
107	Terbium(<scp>iii</scp>) bis-phthalocyaninato single-molecule magnet encapsulated in a single-walled carbon nanotube. Journal of Materials Chemistry C, 2021, 9, 10697-10704.	2.7	9
108	The Chemical Composition and the Energy Spectrum of Heavy Nuclei in the Cosmic Radiation above 10 GeV/nucleon. Journal of the Physical Society of Japan, 1971, 30, 1535-1545.	0.7	8

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109	Mechanical immobilization of Hela cells on aligned carbon nanotube array. Materials Letters, 2006, 60, 3851-3854.	1.3	8
110	In situ Raman spectroscopy studies on timeâ€dependent inner tube growth in ferroceneâ€filled large diameter singleâ€walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2014, 251, 2394-2400.	0.7	8
111	Separation of Nickelocene-Filled Single-Walled Carbon Nanotubes by Conductivity Type and Diameter. Physica Status Solidi (B): Basic Research, 2017, 254, 1700178.	0.7	8
112	Deep observations of the globular cluster M15 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2876-2885.	1.6	8
113	Diameter and metal-dependent growth properties of inner tubes inside metallocene-filled single-walled carbon nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 20-26.	1.0	8
114	Excitation Energy Transfer by Electron Exchange via Two-Step Electron Transfer between a Single-Walled Carbon Nanotube and Encapsulated Magnesium Porphyrin. Journal of Physical Chemistry C, 2020, 124, 19406-19412.	1.5	8
115	Carbon nanotube-dependent synthesis of armchair graphene nanoribbons. Nano Research, 2022, 15, 1709-1714.	5.8	8
116	MEASUREMENT OF p+d ELASTIC SCATTERING AT EP = 392 MEV. Modern Physics Letters A, 2003, 18, 440-443.	0.5	7
117	Longâ€Range Electron Transfer through a Singleâ€walled Carbon Nanotube Sheet. Advanced Materials, 2008, 20, 2475-2479.	11.1	7
118	Towards controllable inner chirality in double-walled carbon nanotubes. Applied Physics Letters, 2019, 115, .	1.5	7
119	MAGIC andFermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	1.6	7
120	QUANTUM STOCHASTIC HEISENBERG EQUATION. Modern Physics Letters B, 1992, 06, 1319-1327.	1.0	6
121	QUANTUM STOCHASTIC LIOUVILLE EQUATION OF ITO TYPE. Modern Physics Letters B, 1993, 07, 1951-1959.	1.0	6
122	Ab Initio MO Study of the Cationic States of 1,3,5-Triazine and Hexahydro-1,3,5-triazine. Journal of Physical Chemistry A, 1998, 102, 8021-8026.	1.1	6
123	Electronic structures of transition metalâ€“C60 coordination polymers (Î·6-C60)nMn (M=Sc, Ti, V, or Cr). Synthetic Metals, 2000, 108, 67-73.	2.1	6
124	In Situ Observation of Gold Chloride Decomposition in a Confined Nanospace by Transmission Electron Microscopy. Materials Transactions, 2014, 55, 461-465.	0.4	6
125	Tailoring the electronic properties of single-walled carbon nanotubes via filling with nickel acetylacetonate. Physica Status Solidi (B): Basic Research, 2015, 252, 2546-2550.	0.7	6
126	Photoinduced charge-carrier modulation of inkjet-printed carbon nanotubes via poly(vinyl acetate) doping and dedoping for thermoelectric generators. Chemical Physics Letters, 2018, 691, 219-223.	1.2	6

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127	Discovery of TeV Î³-ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4578-4585.	1.6	6
128	Isotopic Labelling of Confined Carbyne. Angewandte Chemie - International Edition, 2021, 60, 9897-9901.	7.2	6
129	QUANTUM STOCHASTIC EQUATIONS FOR A NON-LINEAR DAMPED OSCILLATOR. Modern Physics Letters B, 1993, 07, 623-631.	1.0	5
130	Fullerene derivatives encapsulated in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2007, 244, 4074-4077.	0.7	5
131	From â€œStrongâ€•to â€œMuch Strongerâ€• Utilization of Green Tea Extract Dispersant for SWCNTâ€Reinforced Polymer Composites. Macromolecular Materials and Engineering, 2012, 297, 1114-1123.	1.7	5
132	Synthesis of refractory conductive niobium carbide nanowires within the inner space of carbon nanotube templates. Applied Physics Express, 2014, 7, 015101.	1.1	5
133	Supramolecular organization of pi-conjugated molecules monitored by single-walled carbon nanotubes. Journal of Nanophotonics, 2015, 10, 012514.	0.4	5
134	MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1688-1693.	1.6	5
135	High concentration bolometric system with single-walled carbon nanotubes (SWCNT) absorber. Nanotechnology, 2020, 31, 125202.	1.3	5
136	Dispersion-managed, high-power, Tm-doped ultrashort pulse fiber laser using single-wall-carbon-nanotube polyimide film. OSA Continuum, 2021, 4, 137.	1.8	5
137	Preparation, X-ray crystal structures and electronic properties ofN,Nâ€²-bis(2,6-dinitrophenyl)-1,3-phenylenediamine and a complex with tetracyano-p-quinodimethane. Journal of Materials Chemistry, 1998, 8, 1799-1803.	6.7	4
138	Chain-orientation dependence of electronic structure of RbC60 crystal. Synthetic Metals, 2000, 113, 45-51.	2.1	4
139	THE ANGULAR DISTRIBUTIONS OF THE VECTOR Ay AND TENSOR Ayy, Axx, Axz ANALYZING POWERS IN THE dd â†' 3Hp AND dd â†' 3Hen REACTIONS AT Ed = 200 AND 270 MeV. International Journal of Modern Physics A, 2009, 24, 526-529.	0.5	4
140	The origin of nondispersive Raman lines in the D-band region for ferrocene@HiPco SWCNTs transformed at high temperatures. Physica Status Solidi (B): Basic Research, 2015, 252, 2530-2535.	0.7	4
141	Magnetic susceptibility of the one-dimensional polymeric phase ofRbC60. Physical Review B, 2000, 61, 16091-16096.	1.1	3
142	POLY(3, 4-ETHYLENEDIOXYTHIOPHENE): POLY(STYRENESULFONATE)/SINGLE-WALL CARBON NANOTUBE COMPOSITE FILM FOR THE HOLE TRANSPORT LAYER IN POLYMER SOLAR CELLS. Nano, 2011, 06, 583-588.	0.5	3
143	Electrical property of printed transistors fabricated with various types of carbon nanotube ink. , 2012, , .		3
144	Coulomb breakup reactions of 93,94Zr in inverse kinematics. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	3

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145	Near-field infrared microscopy of nanometer-sized nickel clusters inside single-walled carbon nanotubes. RSC Advances, 2019, 9, 34120-34124.	1.7	3
146	Role of constituents for the chirality isolation of single-walled carbon nanotubes by the reversible phase transition of a thermoresponsive polymer. RSC Advances, 2020, 10, 24570-24576.	1.7	3
147	Large thermoelectric power factor in wafer-scale free-standing single-walled carbon nanotube films. Applied Physics Letters, 2021, 118, 173902.	1.5	3
148	POLARIZATION TRANSFER MEASUREMENT FOR d-p ELASTIC SCATTERING: TO SEARCH FOR THREE NUCLEON FORCE EFFECTS. Modern Physics Letters A, 2003, 18, 327-329.	0.5	2
149	Spin Entanglement Measurement of Two Protons. Journal of the Physical Society of Japan, 2003, 72, 193-195.	0.7	2
150	Status of the investigation of the spin structure of d, 3H, and 3He at VBLHE using polarized and unpolarized deuteron beam. Physics of Atomic Nuclei, 2008, 71, 1495-1501.	0.1	2
151	Transparent conductive thin films of single-wall carbon nanotubes encapsulating dopant molecules. Applied Physics Letters, 2012, 100, 063121.	1.5	2
152	Thin-film transistors using DNA-wrapped semiconducting single-wall carbon nanotubes with selected chiralities. Applied Physics Express, 2015, 8, 105101.	1.1	2
153	Ultrafast excitation energy transfer from encapsulated quaterrylene to single-walled carbon nanotube. Journal of Luminescence, 2016, 169, 645-648.	1.5	2
154	Synthesis and characterization of liquid-phase prepared RbC60. Solid State Communications, 1999, 111, 131-135.	0.9	1
155	THREE-BODY EFFECTS IN $vec{p}d$ ELASTIC SCATTERING AT 250 MEV. Modern Physics Letters A, 2003, 18, 313-316.	0.5	1
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