

# Jia-Lin Sun

## List of Publications by Year in descending order

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159  
papers

3,392  
citations

186254

28  
h-index

189881

50  
g-index

166  
all docs

166  
docs citations

166  
times ranked

6197  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Planar-Type Photodetector on (100) Facet of MAPbI <sub>3</sub> Single Crystal. Scientific Reports, 2015, 5, 16563.	3.3	270
2	Self-Powered Ultrafast Broadband Photodetector Based on $\mu$ n Heterojunctions of CuO/Si Nanowire Array. ACS Applied Materials & Interfaces, 2014, 6, 20887-20894.	8.0	243
3	Perovskite CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> (Cl) Single Crystals: Rapid Solution Growth, Unparalleled Crystalline Quality, and Low Trap Density toward 10 <sup>8</sup> cm <sup>-3</sup> . Journal of the American Chemical Society, 2016, 138, 9409-9412.	13.7	226
4	In situ atomic-scale observation of continuous and reversible lattice deformation beyond the elastic limit. Nature Communications, 2013, 4, 2413.	12.8	147
5	Ultra-Broadband Photodetector for the Visible to Terahertz Range by Self-Assembling Reduced Graphene Oxide-Silicon Nanowire Array Heterojunctions. Small, 2014, 10, 2345-2351.	10.0	109
6	A self-powered photodetector based on a CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> single crystal with asymmetric electrodes. CrystEngComm, 2016, 18, 4405-4411.	2.6	95
7	Polarized incandescent light emission from carbon nanotubes. Applied Physics Letters, 2003, 82, 1763-1765.	3.3	87
8	High-stability organic red-light photodetector for narrowband applications. Laser and Photonics Reviews, 2016, 10, 473-480.	8.7	69
9	High-Performance, Ultra-Broadband, Ultraviolet to Terahertz Photodetectors Based on Suspended Carbon Nanotube Films. ACS Applied Materials & Interfaces, 2018, 10, 36304-36311.	8.0	64
10	A technique for controlling the alignment of silver nanowires with an electric field. Nanotechnology, 2006, 17, 2378-2380.	2.6	58
11	Highly conductive free-standing reduced graphene oxide thin films for fast photoelectric devices. Carbon, 2017, 115, 561-570.	10.3	56
12	An Origami Perovskite Photodetector with Spatial Recognition Ability. ACS Applied Materials & Interfaces, 2017, 9, 10921-10928.	8.0	49
13	A universal top-down approach toward thickness-controllable perovskite single-crystalline thin films. Journal of Materials Chemistry C, 2018, 6, 4464-4470.	5.5	49
14	Carbon Nanotube Macrobundles for Light Sensing. Small, 2006, 2, 988-993.	10.0	45
15	Self-Powered Ultrabroadband Photodetector Monolithically Integrated on a PMN-PT Ferroelectric Single Crystal. ACS Applied Materials & Interfaces, 2016, 8, 32934-32939.	8.0	45
16	High-performance stretchable photodetector based on CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> microwires and graphene. Nanoscale, 2018, 10, 10538-10544.	5.6	41
17	Photoinduced currents in carbon nanotube/metal heterojunctions. Applied Physics Letters, 2006, 88, 131107.	3.3	40
18	Search for beautiful tetraquarks in the $\Upsilon(1S)^{1/4+1/4}$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	39

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19	Fully Suspended Reduced Graphene Oxide Photodetector with Annealing Temperature-Dependent Broad Spectral Binary Photoresponses. ACS Photonics, 2017, 4, 2797-2806.	6.6	36
20	Search for the doubly charmed baryon $\Xi_{cc}^+$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
21	Thermal Localization Enhanced Fast Photothermoelectric Response in a Quasi-One-Dimensional Flexible NbS <sub>3</sub> Photodetector. ACS Applied Materials & Interfaces, 2020, 12, 14165-14173.	8.0	35
22	Dynamic and atomic-scale understanding of the twin thickness effect on dislocation nucleation and propagation activities by in situ bending of Ni nanowires. Acta Materialia, 2015, 90, 194-203.	7.9	34
23	Angular moments of the decay $\Lambda_b \rightarrow \Lambda_c^+ \ell^- \bar{\nu}_\ell$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
24	Precision measurement of the $\Xi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
25	Novel photodetectors based on double-walled carbon nanotube film/TiO <sub>2</sub> nanotube array heterodimensional contacts. Nano Research, 2011, 4, 901-907.	10.4	32
26	A tunable positive and negative photoconductive photodetector based on a gold/graphene/p-type silicon heterojunction. Journal of Materials Chemistry C, 2019, 7, 887-896.	5.5	32
27	Terahertz-induced photothermoelectric response in graphene-metal contact structures. Journal Physics D: Applied Physics, 2016, 49, 425101.	2.8	31
28	Test of lepton universality with $\Lambda_b \rightarrow p \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	31
29	Ultra-broadband self-powered reduced graphene oxide photodetectors with annealing temperature-dependent responsivity. Carbon, 2019, 153, 274-284.	10.3	30
30	Near-threshold $\overline{D}D$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
31	Negative and positive photoconductivity modulated by light wavelengths in carbon nanotube film. Applied Physics Letters, 2012, 101, 123117.	3.3	28
32	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
33	Significantly enhanced thermoelectric properties of ultralong double-walled carbon nanotube bundle. Applied Physics Letters, 2013, 102, 053105.	3.3	27
34	Local large temperature difference and ultra-wideband photothermoelectric response of the silver nanostructure film/carbon nanotube film heterostructure. Nature Communications, 2022, 13, 1835.	12.8	27
35	Synthesis of copper nanowires under a direct current electric field. Nanotechnology, 2005, 16, 2030-2032.	2.6	26
36	Fabrication of copper nanowires by a solid-state ionics method and their surface enhanced Raman scattering effect. Materials Letters, 2013, 92, 143-146.	2.6	25

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37	Ultrabroadband, Fast, and Flexible Photodetector Based on HfTe <sub>5</sub> Crystal. Advanced Optical Materials, 2020, 8, 2000833.	7.3	25
38	Negative photoconductivity induced by surface plasmon polaritons in Ag nanowire macrobundles. Optics Express, 2010, 18, 4066.	3.4	24
39	Terahertz photodetector based on double-walled carbon nanotube macrobundleâ€metal contacts. Optics Express, 2015, 23, 13348.	3.4	24
40	Fabrication of double-walled carbon nanotube film/Cu <sub>2</sub> O nanoparticle film/TiO <sub>2</sub> nanotube array heterojunctions for photosensors. Applied Physics Letters, 2012, 100, .	3.3	22
41	Investigation on Crystallization of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite and Its Intermediate Phase from Polar Aprotic Solvents. Crystal Growth and Design, 2019, 19, 959-965.	3.0	22
42	Label-free subcellular 3D live imaging of preimplantation mouse embryos with full-field optical coherence tomography. Journal of Biomedical Optics, 2012, 17, 1.	2.6	21
43	Search for the lepton-flavour violating decays $B_0(s) \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ . Journal of High Energy Physics, 2018, 2018, 1.	2.1	21
44	Formic acid: an accelerator and quality promoter for nonseeded growth of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> single crystals. Chemical Communications, 2018, 54, 1049-1052.	4.1	21
45	Shape-controlled synthesis of silver nanostructures. Nanotechnology, 2005, 16, 2412-2414.	2.6	20
46	Enhanced broadband photoresponse of substrate-free reduced graphene oxide photodetectors. RSC Advances, 2017, 7, 46536-46544.	3.6	20
47	Evidence for the decay $B_s^0 \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ . Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
48	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \mu^+ \mu^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
49	High magnetic field annealing effect on visible photoluminescence enhancement of TiO <sub>2</sub> nanotube arrays. Applied Physics Letters, 2012, 100, .	3.3	17
50	Measurement of the $\eta_c(1S)$ production cross-section in $p p$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
51	A novel application of the CuI thin film for preparing thin copper nanowires. Physica B: Condensed Matter, 2005, 362, 231-235.	2.7	16
52	Oxidized macroscopic-long Cu nanowire bundle photoconductor. Applied Physics Letters, 2007, 90, 201119.	3.3	16
53	Study of $\tilde{\nu}$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
54	Photocurrent response of carbon nanotubeâ€metal heterojunctions in the terahertz range. Optics Express, 2014, 22, 5895.	3.4	15

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55	Search for excited B c + states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
56	Gamma-ray Radiation Stability of Mixed-Cation Lead Mixed-Halide Perovskite Single Crystals. Advanced Optical Materials, 2022, 10, 2102069.	7.3	15
57	Nonlinear refraction of silver nanowires from nanosecond to femtosecond laser excitation. Applied Physics B: Lasers and Optics, 2009, 94, 233-237.	2.2	14
58	Understanding three-dimensional spatial relationship between the mouse second polar body and first cleavage plane with full-field optical coherence tomography. Journal of Biomedical Optics, 2012, 18, 010503.	2.6	14
59	Measurement of the CKM angle $\hat{\beta}^3$ using $B_{\pm}^0 \rightarrow DK_{\pm}^0$ with $D \rightarrow K^0 \pi^0, K^0 \pi^{\pm}, K^0 K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
60	Prompt $\hat{b}+c$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
61	Search for CP violation in $\chi_{c1}^0 \rightarrow p \bar{K}^0 \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14
62	Solution synthesis of $\text{Cu}_{20}\text{O}/\text{Si}$ radial nanowire array heterojunctions for broadband photodetectors. Materials Research Express, 2014, 1, 015002.	1.6	13
63	Enhancement of the thermoelectric power factor of $\text{MnSi}_{1.7}$ film by modulation doping of Al and Cu. Applied Physics A: Materials Science and Processing, 2014, 114, 943-949.	2.3	13
64	Measurement of CP asymmetry in $B^0 \rightarrow K^0 S K_{\pm}^0$ decays. Journal of High Energy Physics, 2018, 2018, 4.7	4.7	13
65	Measurement of $\hat{\beta}^3$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
66	The wavelength dependent photovoltaic effects caused by two different mechanisms in carbon nanotube film/CuO nanowire array heterodimensional contacts. Applied Physics Letters, 2012, 100, 251113.	3.3	12
67	Fabrication of Au nanoparticle/double-walled carbon nanotube film/TiO <sub>2</sub> nanotube array/Ti heterojunctions with low resistance state for broadband photodetectors. Physica B: Condensed Matter, 2017, 508, 1-6.	2.7	12
68	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
69	Amplitude analysis of $B^0 \rightarrow K^0 S K_{\pm}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
70	Disordered multiwalled carbon nanotube mat for light spot position detecting. Applied Physics A: Materials Science and Processing, 2008, 91, 229-233.	2.3	11
71	Metal-insulator transition in Au-NiO-Ni dual Schottky nanojunctions. Nanotechnology, 2009, 20, 45203.	2.6	11
72	Fabrication of carbon nanotube/silicon nanowire array heterojunctions and their silicon nanowire length dependent photoresponses. Chemical Physics Letters, 2011, 501, 461-465.	2.6	11

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73	Fabrication of high performance surface enhanced Raman scattering substrates by a solid-state ionics method. <i>Nanotechnology</i> , 2012, 23, 125705.	2.6	11
74	First measurement of the CP-violating phase $\phi_s^{\overline{D}}$ in $B^0 \rightarrow (K^+ \pi^+)(\overline{K}^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
75	Search for CP violation using triple product asymmetries in $B^0 \rightarrow p \overline{K}^+ \pi^-$ , $B^0 \rightarrow p \overline{K}^+ K^+$ and $B^0 \rightarrow p \overline{K}^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
76	First observation of $B^+ \rightarrow D^+ s + K^+ \pi^-$ decays and a search for $B^+ \rightarrow D^+ s + \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	11
77	Nanosecond-Response Speed Sensor Based on Perovskite Single Crystal Photodetector Array. <i>ACS Photonics</i> , 2018, 5, 3172-3178.	6.6	11
78	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^* \overline{K}^* \pi^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^* \overline{K}^* \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	11
79	Measurements of CP asymmetries in charmless four-body $\Lambda_b^0$ and $\Xi_b^0$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	11
80	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$ . <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	11
81	A search for $\Xi_{cc}^{++} \rightarrow D^+ p \overline{K}^+ \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	11
82	Thermo- and photoinduced voltages in Ag heterodimensional junctions. <i>Applied Physics Letters</i> , 2007, 91, 161107.	3.3	10
83	Field-induced semiconductor-metal transition in individual NiO/Ni Schottky nanojunction. <i>Applied Physics Letters</i> , 2008, 93, 152107.	3.3	10
84	Electron transport in carbon nanotube/RbAg <sub>4</sub> I <sub>5</sub> film composite nanostructures modulated by optical field. <i>Applied Physics Letters</i> , 2014, 104, 243111.	3.3	10
85	Search for a dimuon resonance in the $\overline{\Sigma}^0$ mass region. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	10
86	Measurement of branching fractions of charmless four-body $\overline{B}^0 \rightarrow b^0$ and $\overline{B}^0 \rightarrow b^0$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	10
87	Dalitz plot analysis of the $D^+ \rightarrow \overline{K}^+ K^+ K^+$ decay. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	10
88	Simple method preparation for ultrathin VO <sub>2</sub> thin film and control: nanoparticle morphology and optical transmittance. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 050917.	1.5	10
89	Ultra-wideband self-powered photodetector based on suspended reduced graphene oxide with asymmetric metal contacts. <i>RSC Advances</i> , 2021, 11, 19482-19491.	3.6	10
90	Rapid, controllable growth of silver nanostructured surface-enhanced Raman scattering substrates for red blood cell detection. <i>Scientific Reports</i> , 2016, 6, 24503.	3.3	9

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91	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
92	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
93	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	3.9	9
94	Fabrication and photoconductivity of macroscopically long coaxial structured Ag/Ag <sub>2</sub> S nanowires with different core-to-shell thickness ratios. Nanotechnology, 2011, 22, 035202.	2.6	8
95	Enhanced photoelectric performance of composite nanostructures combining monolayer graphene and a RbAg <sub>4</sub> I <sub>5</sub> film. Applied Physics Letters, 2017, 110, .	3.3	8
96	Ultrasensitive photodetectors based on a high-quality LiInSe <sub>2</sub> single crystal. Journal of Materials Chemistry C, 2018, 6, 12615-12622.	5.5	8
97	Observation of the decay $\Upsilon(2S) \rightarrow \pi^0 \pi^+ \pi^-$ . Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
98	Optically Monitored Electric-Field-Induced Phase Transition in Vanadium Dioxide Crystal Film. Crystals, 2020, 10, 764.	2.2	8
99	Facile fabrication of eutectic gallium-indium alloy nanostructure and application in photodetection. Nanotechnology, 2020, 31, 145703.	2.6	8
100	The effect of an electric field on the phase separation of Ag-doped glass. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 367, 272-276.	5.6	7
101	The growth of thin silver nanowires bundle using RbAg <sub>4</sub> I <sub>5</sub> crystal grain thin film and the ionic conductivity of the thin film. Physica B: Condensed Matter, 2005, 362, 266-270.	2.7	7
102	Negative Photoconductivity Induced by Surface Plasmon Polaritons in the Kretschmann Configuration. Chinese Physics Letters, 2011, 28, 127302.	3.3	7
103	Significantly enhanced photoresponse in carbon nanotube film/TiO <sub>2</sub> nanotube array heterojunctions by pre-electroforming. Nanotechnology, 2013, 24, 465203.	2.6	7
104	Noninvasive three-dimensional live imaging methodology for the spindles at meiosis and mitosis. Journal of Biomedical Optics, 2013, 18, 050505.	2.6	7
105	Ion-modulated nonlinear electronic transport in carbon nanotube bundle/RbAg <sub>4</sub> I <sub>5</sub> thin film composite nanostructures. Journal of Applied Physics, 2014, 115, 044302.	2.5	7
106	Measurement of CP observables in $B^0 \rightarrow D^+ K^{*0}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
107	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
108	Study of the $B^0 \rightarrow \pi^+ \pi^0 K^{*0}$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ (\pi^+ \pi^0) (K^+ \pi^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7

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109	Observation of the $\Lambda_b^0 \rightarrow \chi_{c1} \gamma$ (3872) $p\bar{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
110	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^0 \pi^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
111	Measurement of the Photothermal Conversion Efficiency of CNT Films Utilizing a Raman Spectrum. Nanomaterials, 2022, 12, 1101.	4.1	7
112	Fabrication of oriented arrays of porous gold microspheres using aligned silver nanowires as sacrificial template. Materials Letters, 2009, 63, 148-150.	2.6	6
113	Measurement of $Z \rightarrow \bar{l} l, \bar{l} l, \bar{l} l$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
114	Superionic Modulation of Polymethylmethacrylate-Assisted Suspended Few-Layer Graphene Nanocomposites for High-Performance Photodetectors. ACS Applied Materials & Interfaces, 2019, 11, 7600-7606.	8.0	6
115	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \bar{l} l$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
116	High-Responsivity Photodetector Based on a Suspended Monolayer Graphene/RbAg <sub>4</sub> I <sub>5</sub> Composite Nanostructure. ACS Applied Materials & Interfaces, 2020, 12, 50763-50771.	8.0	6
117	Strongly enhanced local electromagnetic field in mid-infrared and terahertz photodetectors employing a hybrid antenna. AIP Advances, 2020, 10, 015048.	1.3	6
118	High-Performance Ultrabroadband Photodetector Based on Photothermoelectric Effect. ACS Applied Materials & Interfaces, 2022, 14, 29077-29086.	8.0	6
119	A satisfiability formulation for FPGA routing with pin rearrangements. International Journal of Electronics, 2007, 94, 857-868.	1.4	5
120	THERMOELECTRIC EFFECT OF SILICON FILMS WITH SHALLOW- AND DEEP-LEVEL ACCEPTORS. International Journal of Modern Physics B, 2012, 26, 1250187.	2.0	5
121	Broadband photoresponse based on a synergistic effect of surface ions and plasmon polaritons. Journal of Materials Chemistry C, 2018, 6, 1199-1205.	5.5	5
122	Measurement of $D_s^\pm$ production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
123	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{K}^0 \pi^0 (2S)$ and $B^0 \rightarrow \bar{K}^0 \pi^0$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
124	Bolometric terahertz detection based on suspended carbon nanotube fibers. Applied Physics Express, 2019, 12, 096505.	2.4	5
125	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
126	Optically mutual-injected terahertz quantum cascade lasers for self-mixing velocity measurements. Optics Express, 2019, 27, 27076.	3.4	5



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127	Fabrication of Highly Rough Ag Nanobud Substrates and Surface-Enhanced Raman Scattering of $\lambda$ -DNA Molecules. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-5.	2.7	4
128	Evolution of resistive switching polarity in Au/Ar <sup>+</sup> bombarded SrTiO <sub>3</sub> /In sandwiches. <i>Science Bulletin</i> , 2012, 57, 20-24.	1.7	4
129	Layer-by-layer deposition of MnSi <sub>1.7</sub> film with high Seebeck coefficient and low electrical resistivity. <i>Materials Chemistry and Physics</i> , 2014, 146, 346-353.	4.0	4
130	Influence of natural oxidation on the surface enhancement effect of silver nanoparticle films. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	4
131	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	4
132	Measurement of CP violation in $B^0 \rightarrow D^{\pm} \pi^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	4
133	Self-assembled gold micro/nanostructure arrays based on superionic conductor RbAg <sub>4</sub> I <sub>5</sub> films. <i>Nanotechnology</i> , 2019, 30, 025602.	2.6	4
134	Observation of the semileptonic decay $B^0 \rightarrow \rho^+ \mu^- \nu_{\mu}$ . <i>Journal of High Energy Physics</i> , 2020, 2020, .	4.7	4
135	Effect of microwave irradiation on carbon nanotube fibers: exfoliation, structural change and strong light emission. <i>RSC Advances</i> , 2014, 4, 15502-15506.	3.6	3
136	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow \rho^+ \mu^- \nu_{\mu}$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	3
137	Oxidized eutectic gallium–indium (EGaIn) nanoparticles for broadband light response in a graphene-based photodetector. <i>Materials Advances</i> , 2021, 2, 4414-4422.	5.4	3
138	Controlled synthesis of copper nanostructures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 433, 257-260.	5.6	2
139	Electric current induced extrinsic asymmetric $\mu$ behavior in epitaxial thin films on single crystal substrates. <i>Solid State Communications</i> , 2011, 151, 943-946.	1.9	2
140	Fabrication of double-walled carbon nanotube film/TiO <sub>2</sub> nanotube array heterojunctions with length-dependent photoresponse for broad band photodetectors. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013, 20, 307-312.	4.9	2
141	Measurement of the CP asymmetry in $B^0 \rightarrow D^{\pm} \pi^{\mp}$ and $B^0 \rightarrow D^{\pm} \rho^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	2
142	Observation of the doubly Cabibbo-suppressed decay $B^0 \rightarrow \rho^+ \mu^- \nu_{\mu}$ . <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	2
143	Growth mechanism and photoelectric properties of a silver nanowire network prepared by solid state ionics method. <i>Nanotechnology</i> , 2020, 31, 455201.	2.6	2
144	Measurement of CP violation in $B^0 \rightarrow D^{\pm} \pi^{\mp}$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	2

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145	Significantly enhanced photoresponse of carbon nanotube films modified with cesium tungsten bronze nanoclusters in the visible to short-wave infrared range. RSC Advances, 2021, 11, 39646-39656.	3.6	2
146	Dependence of material phases in multicomponent compounds (RbI-CsI-AgI) thin films on temperature of NaCl substrates. , 2002, 4918, 109.		1
147	The prominent photoinduced voltage effect of as-prepared macroscopically long Ag core/Ni shell nanoheterojunctions. Nanotechnology, 2008, 19, 085703.	2.6	1
148	Observation of the decay $\sigma_{\text{B}}^{\text{Oo}} \chi_{\text{c2}} \{K^+\} \{K^-\}$ in the $\dot{\text{I}}$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	4.7	1
149	Generation of Ultrafine Droplets in Femtoliter Scale from a Large Needle with Diameter of 200 Microns. Journal of Nanoscience and Nanotechnology, 2019, 19, 4244-4248.	0.9	1
150	Gate-tunable ion-electron hybrid phototransistor based on a graphene/RbAg <sub>4</sub> I <sub>5</sub> composite. Journal of Materials Chemistry C, 2019, 7, 13253-13260.	5.5	1
151	Electrically driven transport of photoinduced hot carriers in carbon nanotube fibers. Optics Letters, 2021, 46, 5228-5231.	3.3	1
152	Preparation and microstructure of nanocrystalline Rb <sub>0.5</sub> Cs <sub>0.5</sub> Ag <sub>4</sub> I <sub>5</sub> thin films on NaCl substrates. Vacuum, 2003, 71, 459-463.	3.5	0
153	Fabrication and Photoelectrical Behavior of Macroscopic-Long Silver Nanowire Ribbon/Bulk Metal Contact. Journal of Nanoscience and Nanotechnology, 2009, 9, 1337-1340.	0.9	0
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