

# Lei Wei

## 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.

130  
papers

3,327  
citations

33  
h-index

51  
g-index

151  
ext. papers

4,328  
ext. citations

9.6  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
130	Multifunctional fibers for simultaneous optical, electrical and chemical interrogation of neural circuits in vivo. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 277-84	44.5	396
129	Advanced Multimaterial Electronic and Optoelectronic Fibers and Textiles. <i>Advanced Materials</i> , <b>2019</b> , 31, e1802348	24	129
128	Flexible and High-Voltage Coaxial-Fiber Aqueous Rechargeable Zinc-Ion Battery. <i>Nano Letters</i> , <b>2019</b> , 19, 4035-4042	11.5	128
127	High-performance, flexible, and ultralong crystalline thermoelectric fibers. <i>Nano Energy</i> , <b>2017</b> , 41, 35-42	17.1	84
126	Silicon-in-silica spheres via axial thermal gradient in-fibre capillary instabilities. <i>Nature Communications</i> , <b>2013</b> , 4, 2216	17.4	75
125	Thermally drawn advanced functional fibers: New frontier of flexible electronics. <i>Materials Today</i> , <b>2020</b> , 35, 168-194	21.8	74
124	Microfluidic directional emission control of an azimuthally polarized radial fibre laser. <i>Nature Photonics</i> , <b>2012</b> , 6, 229-233	33.9	69
123	All-in-one stretchable coaxial-fiber strain sensor integrated with high-performing supercapacitor. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 124-130	19.4	67
122	All-Metal-Organic Framework-Derived Battery Materials on Carbon Nanotube Fibers for Wearable Energy-Storage Device. <i>Advanced Science</i> , <b>2018</b> , 5, 1801462	13.6	64
121	Controlled fragmentation of multimaterial fibres and films via polymer cold-drawing. <i>Nature</i> , <b>2016</b> , 534, 529-33	50.4	62
120	Touchpoint-Tailored Ultrasensitive Piezoresistive Pressure Sensors with a Broad Dynamic Response Range and Low Detection Limit. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 2551-2558	9.5	60
119	Mechanically Durable and Flexible Thermoelectric Films from PEDOT:PSS/PVA/Bi <sub>0.5</sub> Sb <sub>1.5</sub> Te <sub>3</sub> Nanocomposites. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1600554	6.4	57
118	Crystalline silicon core fibres from aluminium core preforms. <i>Nature Communications</i> , <b>2015</b> , 6, 6248	17.4	53
117	Continuously tunable all-in-fiber devices based on thermal and electrical control of negative dielectric anisotropy liquid crystal photonic bandgap fibers. <i>Applied Optics</i> , <b>2009</b> , 48, 497-503	0.2	52
116	Ultrasensitive optical microfiber coupler based sensors operating near the turning point of effective group index difference. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 101101	3.4	51
115	Side-channel photonic crystal fiber for surface enhanced Raman scattering sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 223, 195-201	8.5	48
114	Performance Enhancement of Tri-Cation and Dual-Anion Mixed Perovskite Solar Cells by Au@SiO <sub>2</sub> Nanoparticles. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606545	15.6	43

113	Highly sensitive gas refractometers based on optical microfiber modal interferometers operating at dispersion turning point. <i>Optics Express</i> , <b>2018</b> , 26, 29148-29158	3.3	42
112	Hybrid Graphene/Gold Plasmonic Fiber-Optic Biosensor. <i>Advanced Materials Technologies</i> , <b>2017</b> , 2, 1600185	3.5	41
111	Ultrasensitive measurement of gas refractive index using an optical nanofiber coupler. <i>Optics Letters</i> , <b>2018</b> , 43, 679-682	3	41
110	Thermal tunability of photonic bandgaps in liquid crystal infiltrated microstructured polymer optical fibers. <i>Optics Express</i> , <b>2009</b> , 17, 19356-64	3.3	41
109	Binder-free NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> anodes for high-performance coaxial-fiber aqueous rechargeable sodium-ion batteries. <i>Nano Energy</i> , <b>2020</b> , 67, 104212	17.1	41
108	Spectral Characteristics and Ultrahigh Sensitivities Near the Dispersion Turning Point of Optical Microfiber Couplers. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 2409-2415	4	40
107	Ordered and Atomically Perfect Fragmentation of Layered Transition Metal Dichalcogenides via Mechanical Instabilities. <i>ACS Nano</i> , <b>2017</b> , 11, 9191-9199	16.7	39
106	Optoelectronic Fibers via Selective Amplification of In-Fiber Capillary Instabilities. <i>Advanced Materials</i> , <b>2017</b> , 29, 1603033	24	38
105	Compact Design of an Electrically Tunable and Rotatable Polarizer Based on a Liquid Crystal Photonic Bandgap Fiber. <i>IEEE Photonics Technology Letters</i> , <b>2009</b> , 21, 1633-1635	2.2	38
104	Integrating liquid crystal based optical devices in photonic crystal fibers. <i>Optical and Quantum Electronics</i> , <b>2007</b> , 39, 1009-1019	2.4	36
103	Flexible Piezoelectric Fibers for Acoustic Sensing and Positioning. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1600449	6.4	35
102	Electron-Rich Two-Dimensional Molybdenum Trioxides for Highly Integrated Plasmonic Biosensing. <i>ACS Photonics</i> , <b>2018</b> , 5, 347-352	6.3	35
101	Highly Oriented Electrospun P(VDF-TrFE) Fibers via Mechanical Stretching for Wearable Motion Sensing. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800033	6.8	35
100	Ultra-endurance coaxial-fiber stretchable sensing systems fully powered by sunlight. <i>Nano Energy</i> , <b>2019</b> , 60, 267-274	17.1	33
99	Ultra-sensitive chemical and biological analysis via specialty fibers with built-in microstructured optofluidic channels. <i>Lab on A Chip</i> , <b>2018</b> , 18, 655-661	7.2	33
98	Nickel metal-organic framework nanosheets as novel binder-free cathode for advanced fibrous aqueous rechargeable Ni/Zn battery. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 3262-3269	13	33
97	In-line optofluidic refractive index sensing in a side-channel photonic crystal fiber. <i>Optics Express</i> , <b>2016</b> , 24, 27674-27682	3.3	33
96	A one-dimensional channel self-standing MOF cathode for ultrahigh-energy-density flexible Ni/Zn batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 27217-27224	13	33

95	Birefringence induced Vernier effect in optical fiber modal interferometers for enhanced sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 275, 16-24	8.5	32
94	Electrically tunable bandpass filter using solid-core photonic crystal fibers filled with multiple liquid crystals. <i>Optics Letters</i> , <b>2010</b> , 35, 1608-10	3	31
93	Engineering MoS <sub>2</sub> Nanosheets on Spindle-Like Fe <sub>2</sub> O <sub>3</sub> as High-Performance Core-Shell Pseudocapacitive Anodes for Fiber-Shaped Aqueous Lithium-Ion Capacitors. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003967	15.6	30
92	Controlled Fragmentation of Single-Atom-Thick Polycrystalline Graphene. <i>Matter</i> , <b>2020</b> , 2, 666-679	12.7	30
91	Direct atomic-level observation and chemical analysis of ZnSe synthesized by in situ high-throughput reactive fiber drawing. <i>Nano Letters</i> , <b>2013</b> , 13, 975-9	11.5	29
90	On-chip tunable long-period grating devices based on liquid crystal photonic bandgap fibers. <i>Optics Letters</i> , <b>2009</b> , 34, 3818-20	3	29
89	Ultraflexible Glassy Semiconductor Fibers for Thermal Sensing and Positioning. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 2441-2447	9.5	29
88	One-step synthesis of cyclodextrin-capped gold nanoparticles for ultra-sensitive and highly-integrated plasmonic biosensors. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 286, 429-436	8.5	28
87	Design and analysis of surface plasmon resonance sensor based on high-birefringent microstructured optical fiber. <i>Journal of Optics (United Kingdom)</i> , <b>2016</b> , 18, 065005	1.7	28
86	All Binder-Free Electrodes for High-Performance Wearable Aqueous Rechargeable Sodium-Ion Batteries. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 101	19.5	28
85	Large-scale synthesis of single-crystalline self-standing SnSe nanoplate arrays for wearable gas sensors. <i>Nanotechnology</i> , <b>2018</b> , 29, 455501	3.4	26
84	Elastic and Stretchable Functional Fibers: A Review of Materials, Fabrication Methods, and Applications. <i>Advanced Fiber Materials</i> , <b>2021</b> , 3, 1-13	10.9	26
83	Fabrication and characterization of fibers with built-in liquid crystal channels and electrodes for transverse incident-light modulation. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 011108	3.4	25
82	Single-Crystal SnSe Thermoelectric Fibers via Laser-Induced Directional Crystallization: From 1D Fibers to Multidimensional Fabrics. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002702	24	25
81	Ultrasensitive Exhaled Breath Sensors Based on Anti-Resonant Hollow Core Fiber with In Situ Grown ZnO-Bi <sub>2</sub> O <sub>3</sub> Nanosheets. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2001978	4.6	25
80	Laser-Induced In-Fiber Fluid Dynamical Instabilities for Precise and Scalable Fabrication of Spherical Particles. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703245	15.6	24
79	Rational Construction of Self-Standing Sulfur-Doped Fe <sub>2</sub> O <sub>3</sub> Anodes with Promoted Energy Storage Capability for Wearable Aqueous Rechargeable NiCo-Fe Batteries. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2001064	21.8	24
78	Tunable and rotatable polarization controller using photonic crystal fiber filled with liquid crystal. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 241104	3.4	24

77	Azimuthally Polarized Radial Emission from a Quantum Dot Fiber Laser. <i>ACS Photonics</i> , <b>2016</b> , 3, 2275-2279	23
76	Self-powered multifunctional sensing based on super-elastic fibers by soluble-core thermal drawing. <i>Nature Communications</i> , <b>2021</b> , 12, 1416	17.4 21
75	Flexible quasi-solid-state 2.4 V aqueous asymmetric microsupercapacitors with ultrahigh energy density. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 20145-20151	13 21
74	Optically fed microwave true-time delay based on a compact liquid-crystal photonic-bandgap-fiber device. <i>Optics Letters</i> , <b>2009</b> , 34, 2757-9	3 20
73	NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> hollow nanoparticles encapsulated in carbon nanofibers as novel anodes for flexible aqueous rechargeable sodium-ion batteries. <i>Nano Energy</i> , <b>2021</b> , 82, 105764	17.1 20
72	Conversion Synthesis of Self-Standing Potassium Zinc Hexacyanoferrate Arrays as Cathodes for High-Voltage Flexible Aqueous Rechargeable Sodium-Ion Batteries. <i>Small</i> , <b>2019</b> , 15, e1905115	11 20
71	Designer patterned functional fibers via direct imprinting in thermal drawing. <i>Nature Communications</i> , <b>2020</b> , 11, 3842	17.4 19
70	High-performance zero-standby-power-consumption-under-bending pressure sensors for artificial reflex arc. <i>Nano Energy</i> , <b>2020</b> , 73, 104743	17.1 18
69	Tunable 3D light trapping architectures based on self-assembled SnSe <sub>2</sub> nanoplate arrays for ultrasensitive SERS detection. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 10179-10186	7.1 18
68	Combination of micro-scanning mirrors and multi-mode fibers for speckle reduction in high lumen laser projector applications. <i>Optics Express</i> , <b>2017</b> , 25, 3795-3804	3.3 18
67	Biased liquid crystal infiltrated photonic bandgap fiber. <i>Optics Express</i> , <b>2009</b> , 17, 4442-53	3.3 18
66	Magnetic field sensor based on magnetic-fluid-coated long-period fiber grating. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 065402	1.7 17
65	All-Metal Phosphide Electrodes for High-Performance Quasi-Solid-State Fiber-Shaped Aqueous Rechargeable Ni-Fe Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12801-12808	9.5 16
64	The improvement of thermoelectric property of bulk ZnO via ZnS addition: Influence of intrinsic defects. <i>Ceramics International</i> , <b>2018</b> , 44, 6461-6465	5.1 16
63	Electrosprayed TiO <sub>2</sub> nanoporous hemispheres for enhanced electron transport and device performance of formamidinium based perovskite solar cells. <i>Nanoscale</i> , <b>2017</b> , 9, 412-420	7.7 15
62	Flexible and High Performance Piezoresistive Pressure Sensors Based on Hierarchical Flower-Shaped SnSe <sub>2</sub> Nanoplates. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 2803-2809	6.1 15
61	Rapid SERS monitoring of lipid-peroxidation-derived protein modifications in cells using photonic crystal fiber sensor. <i>Journal of Biophotonics</i> , <b>2016</b> , 9, 32-7	3.1 15
60	Advanced Multifunctional Aqueous Rechargeable Batteries Design: From Materials and Devices to Systems. <i>Advanced Materials</i> , <b>2021</b> , e2104327	24 15

59	In-fibre particle manipulation and device assembly via laser induced thermocapillary convection. <i>Nature Communications</i> , <b>2019</b> , 10, 5206	17.4	15
58	Fully Solar-Powered Uninterrupted Overall Water-Splitting Systems. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808889	15.6	14
57	Mid-infrared sensing of molecular vibrational modes with tunable graphene plasmons. <i>Optics Letters</i> , <b>2017</b> , 42, 2066-2069	3	13
56	Formation of ultra-flexible, conformal, and nano-patterned photonic surfaces via polymer cold-drawing. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 4649-4657	7.1	13
55	Highly Sensitive and Wide Linear-Response Pressure Sensors Featuring Zero Standby Power Consumption under Bending Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 19563-19571	9.5	13
54	In-Fiber Structured Particles and Filament Arrays from the Perspective of Fluid Instabilities. <i>Advanced Fiber Materials</i> , <b>2020</b> , 2, 1-12	10.9	12
53	Low loss liquid crystal photonic bandgap fiber in the near-infrared region. <i>Optical Review</i> , <b>2011</b> , 18, 114-116	11.6	12
52	Achieving ultrahigh-energy-density in flexible and lightweight all-solid-state internal asymmetric tandem 6.6 V all-in-one supercapacitors. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 893-902	19.4	12
51	Phase-matching and Peak Nonlinearity Enhanced Third-Harmonic Generation in Graphene Plasmonic Coupler. <i>Physical Review Applied</i> , <b>2019</b> , 11,	4.3	11
50	Hybrid Plasmonic Fiber-Optic Sensors. <i>Sensors</i> , <b>2020</b> , 20,	3.8	10
49	Liquid crystal parameter analysis for tunable photonic bandgap fiber devices. <i>Optics Express</i> , <b>2010</b> , 18, 4074-87	3.3	10
48	Hollow rice grain-shaped TiO <sub>2</sub> nanostructures for high-efficiency and large-area perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 191, 389-398	6.4	10
47	Freestanding Metal-Organic Frameworks and Their Derivatives: An Emerging Platform for Electrochemical Energy Storage and Conversion.. <i>Chemical Reviews</i> , <b>2022</b> ,	68.1	10
46	High-throughput corrosion quantification in varied microenvironments. <i>Corrosion Science</i> , <b>2014</b> , 88, 481-486	4.86	9
45	Semiconductor core fibres: materials science in a bottle. <i>Nature Communications</i> , <b>2021</b> , 12, 3990	17.4	9
44	Roadmap for flexible solid-state aqueous batteries: From materials engineering and architectures design to mechanical characterizations. <i>Materials Science and Engineering Reports</i> , <b>2022</b> , 148, 100671	30.9	9
43	Pristine graphene oxide film-based contactless actuators driven by electrostatic forces. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 9534-9539	7.1	8
42	Electrically tunable Yb-doped fiber laser based on a liquid crystal photonic bandgap fiber device. <i>Optics Express</i> , <b>2010</b> , 18, 8229-38	3.3	8

41	Preparation and transmission of low-loss azimuthally polarized pure single mode in multimode photonic band gap fibers. <i>Optics Express</i> , <b>2012</b> , 20, 6029-35	3.3	8
40	Thermoelectric Properties of CuSe Nano-Thin Film by Magnetron Sputtering. <i>Materials</i> , <b>2021</b> , 14,	3.5	8
39	High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. <i>ChemElectroChem</i> , <b>2021</b> , 8, 274-290	4.3	8
38	Fiber Optofluidic Microlasers: Structures, Characteristics, and Applications. <i>Laser and Photonics Reviews</i> , <b>2022</b> , 16, 2100171	8.3	8
37	In-Fiber Production of Laser-Structured Stress-Mediated Semiconductor Particles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45330-45337	9.5	7
36	Ultrawideband Surface Enhanced Raman Scattering in Hybrid Graphene Fragmented-Gold Substrates via Cold-Etching. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900905	8.1	6
35	Efficient phase-matched third harmonic generation in a metal-clad plasmonic double-slot waveguide. <i>Journal of Optics (United Kingdom)</i> , <b>2015</b> , 17, 025506	1.7	6
34	Third Harmonic Generation With the Effect of Nonlinear Loss. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 1274-1280	4	5
33	Flexible Tactile Sensor Based on Patterned Ag-Nanofiber Electrodes through Electrospinning. <i>Sensors</i> , <b>2021</b> , 21,	3.8	5
32	Recent Advancement of Anti-Resonant Hollow-Core Fibers for Sensing Applications. <i>Photonics</i> , <b>2021</b> , 8, 128	2.2	5
31	Integrated liquid crystal photonic bandgap fiber devices. <i>Frontiers of Optoelectronics</i> , <b>2016</b> , 9, 466-482	2.8	4
30	Advanced Thermally Drawn Multimaterial Fibers: Structure-Enabled Functionalities <b>2021</b> , 2021, 1-15		4
29	Ultrasensitive Broadband Refractometer Based on Single Stress-Appling Fiber at Dispersion Turning Point. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 2528-2535	4	4
28	Inorganic Thermoelectric Fibers: A Review of Materials, Fabrication Methods, and Applications. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
27	Advanced Multi-Material Optoelectronic Fibers: A Review. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 3836-3845	4	4
26	The Recent Progress of MEMS/NEMS Resonators. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	4
25	Hierarchical Network Enabled Flexible Textile Pressure Sensor with Ultrabroad Response Range and High-Temperature Resistance.. <i>Advanced Science</i> , <b>2022</b> , e2105738	13.6	4
24	Wafer-Scale Growth of Vertical-Structured SnSe 2 Nanosheets for Highly Sensitive, Fast-Response UV-Vis-NIR Broadband Photodetectors. <i>Advanced Optical Materials</i> , <b>2022</b> , 10, 2102250	8.1	3

23	Extremely High-Efficiency Coupling Method for Hollow-Core Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-8	1.8	2
22	A stable and long-lasting concentration cell based on a reduced graphene oxide membrane and natural resource electrolyte. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21130-21133	13	2
21	Highly sensitive magnetic field sensor using long-period fiber grating <b>2015</b> ,		2
20	Selenium Vacancies and Synergistic Effect of Near- and Far-Field-Enabled Ultrasensitive Surface-Enhanced Raman-Scattering-Active Substrates for Malaria Detection.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 1453-1463	6.4	2
19	Electrically Tunable Bandpass Filter Based on Liquid Crystal Photonic Bandgap Fibers <b>2010</b> ,		2
18	Compact Robust Vector Bending Sensor Based on Single Stress-Appling Fiber. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 9165-9170	4	2
17	Tunable resonant graphene plasmons for mid-infrared biosensing. <i>Optics Express</i> , <b>2016</b> , 24, 26241-26248	3.3	2
16	Thermally drawn multifunctional fibers: Toward the next generation of information technology. <i>Information Materials</i> ,	23.1	2
15	High thermal and electrical tunability of negative dielectric liquid crystal photonic bandgap fibers <b>2008</b> ,		1
14	High-performance x-ray source based on graphene oxide-coated CuS nanowires grown on copper film. <i>Nanotechnology</i> , <b>2020</b> , 31, 485202	3.4	1
13	Recent Advances and Prospects of Fiber-Shaped Rechargeable Aqueous Alkaline Batteries. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100060	1.6	1
12	Self-assembled on-chip spherical-cap-shaped microresonators for high sensitivity temperature sensing. <i>Optics Express</i> , <b>2016</b> , 24, 26948-26955	3.3	1
11	Recent progress of fiber-based transistors: materials, structures and applications. <i>Frontiers of Optoelectronics</i> , <b>2022</b> , 15, 1	2.8	1
10	Two-dimensional layered architecture constructing energy and phonon blocks for enhancing thermoelectric performance of InSb. <i>Science China Materials</i> , <b>2022</b> , 65, 1353	7.1	0
9	Ultralow thermal conductivity of silicon nanowire arrays by molecular dynamics simulation. <i>Materials Research Express</i> , <b>2017</b> , 4, 025029	1.7	
8	Feature issue introduction: Multimaterial and Multifunctional Optical Fibers. <i>Optical Materials Express</i> , <b>2017</b> , 7, 1906	2.6	
7	Progress in Metafibers for Sustainable Radiative Cooling and Prospects of Achieving Thermally Drawn Metafibers. <i>Advanced Energy and Sustainability Research</i> , 2100168	1.6	
6	Mechanics of controlled fragmentation by cold drawing. <i>Journal of the Mechanics and Physics of Solids</i> , <b>2021</b> , 159, 104726	5	

5 Optoelectronic Fibers **2018**, 1-16

4 Optoelectronic Fibers **2019**, 1335-1350

3 High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. *ChemElectroChem*, **2021**, 8, 273-273 4.3

2 The Numerical Modeling of 3D Microfiber Couplers and Resonators. *IEEE Photonics Technology Letters*, **2016**, 28, 1707-1710 2.2

1 Micro/nanofiber fabrication technologies for wearable sensors: a review. *Journal of Micromechanics and Microengineering*, **2022**, 32, 064002 2