

Seok-Hyun Yun

List of Publications by Year in descending order

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178
papers

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citations

19636

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21521

114
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189
all docs

189
docs citations

189
times ranked

17114
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology in Textiles. ACS Nano, 2016, 10, 3042-3068.	7.3	530
2	Light in diagnosis, therapy and surgery. Nature Biomedical Engineering, 2017, 1, .	11.6	523
3	Ultra-high-resolution high-speed retinal imaging using spectral-domain optical coherence tomography. Optics Express, 2004, 12, 2435.	1.7	516
4	Real-time fiber-based multi-functional spectral-domain optical coherence tomography at 13 μm . Optics Express, 2005, 13, 3931.	1.7	431
5	Confocal Brillouin microscopy for three-dimensional mechanical imaging. Nature Photonics, 2008, 2, 39-43.	15.6	414
6	Multifunctional materials for implantable and wearable photonic healthcare devices. Nature Reviews Materials, 2020, 5, 149-165.	23.3	403
7	Contact Lens Sensors in Ocular Diagnostics. Advanced Healthcare Materials, 2015, 4, 792-810.	3.9	361
8	Single-cell biological lasers. Nature Photonics, 2011, 5, 406-410.	15.6	343
9	Highly Stretchable, Strain Sensing Hydrogel Optical Fibers. Advanced Materials, 2016, 28, 10244-10249.	11.1	327
10	Noncontact three-dimensional mapping of intracellular hydromechanical properties by Brillouin microscopy. Nature Methods, 2015, 12, 1132-1134.	9.0	326
11	The potential of optofluidic biolasers. Nature Methods, 2014, 11, 141-147.	9.0	303
12	Photonic crystal fiber based plasmonic sensors. Sensors and Actuators B: Chemical, 2017, 243, 311-325.	4.0	303
13	Light-guiding hydrogels for cell-based sensing and optogenetic synthesis in vivo. Nature Photonics, 2013, 7, 987-994.	15.6	287
14	Intracellular microlasers. Nature Photonics, 2015, 9, 572-576.	15.6	284
15	Wireless smart contact lens for diabetic diagnosis and therapy. Science Advances, 2020, 6, eaba3252.	4.7	255
16	Brillouin Microscopy of Collagen Crosslinking: Noncontact Depth-Dependent Analysis of Corneal Elastic Modulus. , 2013, 54, 1418.		221
17	All-fiber acousto-optic tunable notch filter with electronically controllable spectral profile. Optics Letters, 1997, 22, 1476.	1.7	210
18	Nanographene Oxide-Hyaluronic Acid Conjugate for Photothermal Ablation Therapy of Skin Cancer. ACS Nano, 2014, 8, 260-268.	7.3	208

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19	Glucose-Sensitive Hydrogel Optical Fibers Functionalized with Phenylboronic Acid. <i>Advanced Materials</i> , 2017, 29, 1606380.	11.1	206
20	Interrogation of fiber grating sensor arrays with a wavelength-swept fiber laser. <i>Optics Letters</i> , 1998, 23, 843.	1.7	204
21	Biomechanical Characterization of Keratoconus Corneas Ex Vivo With Brillouin Microscopy. , 2014, 55, 4490.		183
22	In vivo Brillouin optical microscopy of the human eye. <i>Optics Express</i> , 2012, 20, 9197.	1.7	180
23	Rapid tumorotropic accumulation of systemically injected plateloid particles and their biodistribution. <i>Journal of Controlled Release</i> , 2012, 158, 148-155.	4.8	177
24	Step-Index Optical Fiber Made of Biocompatible Hydrogels. <i>Advanced Materials</i> , 2015, 27, 4081-4086.	11.1	175
25	In Vivo Measurement of Age-Related Stiffening in the Crystalline Lens by Brillouin Optical Microscopy. <i>Biophysical Journal</i> , 2011, 101, 1539-1545.	0.2	174
26	Bioabsorbable polymer optical waveguides for deep-tissue photomedicine. <i>Nature Communications</i> , 2016, 7, 10374.	5.8	173
27	Chemical Tumor-Targeting of Nanoparticles Based on Metabolic Glycoengineering and Click Chemistry. <i>ACS Nano</i> , 2014, 8, 2048-2063.	7.3	167
28	Bioimaging of Hyaluronic Acid Derivatives Using Nanosized Carbon Dots. <i>Biomacromolecules</i> , 2012, 13, 2554-2561.	2.6	162
29	Long-period fiber gratings based on periodic microbends. <i>Optics Letters</i> , 1999, 24, 1263.	1.7	161
30	Endoscopic Time-Lapse Imaging of Immune Cells in Infarcted Mouse Hearts. <i>Circulation Research</i> , 2013, 112, 891-899.	2.0	161
31	Photonic hydrogel sensors. <i>Biotechnology Advances</i> , 2016, 34, 250-271.	6.0	157
32	On the near-wall accumulation of injectable particles in the microcirculation: smaller is not better. <i>Scientific Reports</i> , 2013, 3, 2079.	1.6	154
33	Multifunctional Photonic Nanomaterials for Diagnostic, Therapeutic, and Theranostic Applications. <i>Advanced Materials</i> , 2018, 30, 1701460.	11.1	137
34	The β -Glucan Receptor Dectin-1 Activates the Integrin Mac-1 in Neutrophils via Vav Protein Signaling to Promote <i>Candida albicans</i> Clearance. <i>Cell Host and Microbe</i> , 2011, 10, 603-615.	5.1	133
35	Card9 Mediates Intestinal Epithelial Cell Restitution, T-Helper 17 Responses, and Control of Bacterial Infection in Mice. <i>Gastroenterology</i> , 2013, 145, 591-601.e3.	0.6	131
36	Multistage VIPA etalons for high-extinction parallel Brillouin spectroscopy. <i>Optics Express</i> , 2011, 19, 10913.	1.7	130

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37	Immune recognition and rejection of allogeneic skin grafts. <i>Immunotherapy</i> , 2011, 3, 757-770.	1.0	125
38	In Vivo Biomechanical Mapping of Normal and Keratoconus Corneas. <i>JAMA Ophthalmology</i> , 2015, 133, 480.	1.4	124
39	Ly6Clo monocytes drive immunosuppression and confer resistance to anti-VEGFR2 cancer therapy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3039-3051.	3.9	124
40	Actively gain-flattened erbium-doped fiber amplifier over 35 nm by using all-fiber acoustooptic tunable filters. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 790-792.	1.3	115
41	Wavelength-encoded laser particles for massively multiplexed cell tagging. <i>Nature Photonics</i> , 2019, 13, 720-727.	15.6	113
42	Paper-based microfluidic system for tear electrolyte analysis. <i>Lab on A Chip</i> , 2017, 17, 1137-1148.	3.1	111
43	Photodynamic therapy of melanoma skin cancer using carbon dot "chlorin e6" hyaluronate conjugate. <i>Acta Biomaterialia</i> , 2015, 26, 295-305.	4.1	110
44	All-Biomaterial Laser Using Vitamin and Biopolymers. <i>Advanced Materials</i> , 2013, 25, 5943-5947.	11.1	105
45	A Novel Imaging Approach for Early Detection of Prostate Cancer Based on Endogenous Zinc Sensing. <i>Cancer Research</i> , 2010, 70, 6119-6127.	0.4	103
46	Transdermal delivery of hyaluronic acid " Human growth hormone conjugate. <i>Biomaterials</i> , 2012, 33, 5947-5954.	5.7	103
47	Fourier-domain optical coherence tomography: recent advances toward clinical utility. <i>Current Opinion in Biotechnology</i> , 2009, 20, 111-118.	3.3	99
48	Targeting CXCR4-dependent immunosuppressive Ly6C ^{low} monocytes improves antiangiogenic therapy in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10455-10460.	3.3	97
49	Biodegradable elastic nanofibrous platforms with integrated flexible heaters for on-demand drug delivery. <i>Scientific Reports</i> , 2017, 7, 9220.	1.6	90
50	Fabrication and operation of GRIN probes for in vivo fluorescence cellular imaging of internal organs in small animals. <i>Nature Protocols</i> , 2012, 7, 1456-1469.	5.5	89
51	High performance fused-type mode-selective coupler using elliptical core two-mode fiber at 1550 nm. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 501-503.	1.3	87
52	Bio-optimized energy transfer in densely packed fluorescent protein enables near-maximal luminescence and solid-state lasers. <i>Nature Communications</i> , 2014, 5, 5722.	5.8	86
53	All-fiber tunable filter and laser based on two-mode fiber. <i>Optics Letters</i> , 1996, 21, 27.	1.7	84
54	Photonic Nanosensor for Colorimetric Detection of Metal Ions. <i>Analytical Chemistry</i> , 2015, 87, 5101-5108.	3.2	82

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55	Upconversion Nanoparticles/Hyaluronate-Rose Bengal Conjugate Complex for Noninvasive Photochemical Tissue Bonding. <i>ACS Nano</i> , 2017, 11, 9979-9988.	7.3	81
56	Light-Guiding Biomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1706635.	7.8	79
57	Interaction of two translational components, lysyl-tRNA synthetase and p40/37LRP, in plasma membrane promotes laminin-dependent cell migration. <i>FASEB Journal</i> , 2012, 26, 4142-4159.	0.2	76
58	The commercialization of genome-editing technologies. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 924-932.	5.1	76
59	Bioluminescence-Activated Deep-Tissue Photodynamic Therapy of Cancer. <i>Theranostics</i> , 2015, 5, 805-817.	4.6	72
60	Trichogenic Photostimulation Using Monolithic Flexible Vertical AlGaInP Light-Emitting Diodes. <i>ACS Nano</i> , 2018, 12, 9587-9595.	7.3	72
61	Lasing from <i>Escherichia coli</i> bacteria genetically programmed to express green fluorescent protein. <i>Optics Letters</i> , 2011, 36, 3299.	1.7	70
62	Biodegradable Photonic Melanoidin for Theranostic Applications. <i>ACS Nano</i> , 2016, 10, 822-831.	7.3	69
63	Dynamic erbium-doped fiber amplifier based on active gain flattening with fiber acoustooptic tunable filters. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 1229-1231.	1.3	67
64	A Novel Laser Vaccine Adjuvant Increases the Motility of Antigen Presenting Cells. <i>PLoS ONE</i> , 2010, 5, e13776.	1.1	65
65	Spatially-resolved Brillouin spectroscopy reveals biomechanical abnormalities in mild to advanced keratoconus in vivo. <i>Scientific Reports</i> , 2019, 9, 7467.	1.6	65
66	Biomaterial microlasers implantable in the cornea, skin, and blood. <i>Optica</i> , 2017, 4, 1080.	4.8	64
67	In Vivo Brillouin Analysis of the Aging Crystalline Lens. , 2016, 57, 5093.		63
68	In vivo measurement of shear modulus of the human cornea using optical coherence elastography. <i>Scientific Reports</i> , 2020, 10, 17366.	1.6	58
69	Simultaneous 3D imaging of sound-induced motions of the tympanic membrane and middle ear ossicles. <i>Hearing Research</i> , 2013, 304, 49-56.	0.9	57
70	Brillouin Spectroscopy of Normal and Keratoconus Corneas. <i>American Journal of Ophthalmology</i> , 2019, 202, 118-125.	1.7	57
71	Polyplex nanomicelle promotes hydrodynamic gene introduction to skeletal muscle. <i>Journal of Controlled Release</i> , 2010, 143, 112-119.	4.8	53
72	Brillouin microscopy. <i>Current Opinion in Ophthalmology</i> , 2018, 29, 299-305.	1.3	53

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73	Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant. <i>Advanced Functional Materials</i> , 2016, 26, 2512-2522.	7.8	52
74	Toward biomaterial-based implantable photonic devices. <i>Nanophotonics</i> , 2017, 6, 414-434.	2.9	52
75	Splicing variant of AIMP2 as an effective target against chemoresistant ovarian cancer. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 164-173.	1.5	51
76	Reconfigurable optical assembly of nanostructures. <i>Nature Communications</i> , 2016, 7, 12002.	5.8	51
77	Color-selective holographic retroreflector array for sensing applications. <i>Light: Science and Applications</i> , 2017, 6, e16214-e16214.	7.7	49
78	Optical lens-microneedle array for percutaneous light delivery. <i>Biomedical Optics Express</i> , 2016, 7, 4220.	1.5	48
79	Color-selective 2.5D Holograms on Large Area Flexible Substrates for Sensing and Multilevel Security. <i>Advanced Optical Materials</i> , 2016, 4, 1589-1600.	3.6	48
80	Laser Particle Stimulated Emission Microscopy. <i>Physical Review Letters</i> , 2016, 117, 193902.	2.9	48
81	Line-scanning Brillouin microscopy for rapid non-invasive mechanical imaging. <i>Scientific Reports</i> , 2016, 6, 35398.	1.6	48
82	Urokinase Exerts Antimetastatic Effects by Dissociating Clusters of Circulating Tumor Cells. <i>Cancer Research</i> , 2015, 75, 4474-4482.	0.4	47
83	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue. <i>Small</i> , 2015, 11, 6458-6466.	5.2	47
84	Optical microring resonator based corrosion sensing. <i>RSC Advances</i> , 2016, 6, 56127-56133.	1.7	47
85	Measuring mechanical wave speed, dispersion, and viscoelastic modulus of the cornea using optical coherence elastography. <i>Optics Express</i> , 2019, 27, 16635.	1.7	47
86	Morpho Butterfly-Inspired Nanostructures. <i>Advanced Optical Materials</i> , 2016, 4, 497-504.	3.6	46
87	All-fiber wavelength-tunable acoustooptic switches based on intermodal coupling in fibers. <i>Journal of Lightwave Technology</i> , 2002, 20, 1864-1868.	2.7	42
88	Real-Time FPGA Processing for High-Speed Optical Frequency Domain Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1468-1472.	5.4	42
89	High-extinction virtually imaged phased array-based Brillouin spectroscopy of turbid biological media. <i>Applied Physics Letters</i> , 2016, 108, 203701.	1.5	42
90	FTY720 Blocks Egress of T Cells in Part by Abrogation of Their Adhesion on the Lymph Node Sinus. <i>Journal of Immunology</i> , 2011, 187, 2244-2251.	0.4	41

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91	In Vivo Fluorescence Microscopy: Lessons From Observing Cell Behavior in Their Native Environment. <i>Physiology</i> , 2015, 30, 40-49.	1.6	41
92	Cellular dye lasers: lasing thresholds and sensing in a planar resonator. <i>Optics Express</i> , 2015, 23, 27865.	1.7	39
93	Luciferase-Rose Bengal conjugates for singlet oxygen generation by bioluminescence resonance energy transfer. <i>Chemical Communications</i> , 2017, 53, 4569-4572.	2.2	38
94	Reply to "Water content, not stiffness, dominates Brillouin spectroscopy measurements in hydrated materials". <i>Nature Methods</i> , 2018, 15, 562-563.	9.0	38
95	Art on the Nanoscale and Beyond. <i>Advanced Materials</i> , 2016, 28, 1724-1742.	11.1	37
96	Whispering-gallery-mode emission from biological luminescent protein microcavity assemblies. <i>Optica</i> , 2017, 4, 222.	4.8	37
97	Laser particles with omnidirectional emission for cell tracking. <i>Light: Science and Applications</i> , 2021, 10, 23.	7.7	37
98	Hyaluronate-Gold Nanorod/DR5 Antibody Complex for Noninvasive Theranosis of Skin Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32202-32210.	4.0	35
99	A switchable digital microfluidic droplet dye-laser. <i>Lab on A Chip</i> , 2011, 11, 3716.	3.1	34
100	Bioart. <i>Trends in Biotechnology</i> , 2015, 33, 724-734.	4.9	34
101	Laser Interference Lithography for the Nanofabrication of Stimuli-Responsive Bragg Stacks. <i>Advanced Functional Materials</i> , 2018, 28, 1702715.	7.8	34
102	Dynamic imaging of vocal fold oscillation with four-dimensional optical coherence tomography. <i>Laryngoscope</i> , 2010, 120, 1354-1362.	1.1	33
103	Photonic Crystal Flakes. <i>ACS Sensors</i> , 2016, 1, 493-497.	4.0	33
104	All-fiber-optic nonreciprocal modulator. <i>Optics Letters</i> , 1997, 22, 507.	1.7	32
105	Printable Nanophotonic Devices via Holographic Laser Ablation. <i>ACS Nano</i> , 2015, 9, 9062-9069.	7.3	32
106	Label-free nanoscale optical metrology on myelinated axons in vivo. <i>Nature Communications</i> , 2017, 8, 1832.	5.8	30
107	Numerical model of optical coherence tomographic vibrography imaging to estimate corneal biomechanical properties. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140920.	1.5	29
108	Lasing from fluorescent protein crystals. <i>Optics Express</i> , 2014, 22, 31411.	1.7	28

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109	A Simple Approach to Biological Single-Cell Lasers Via Intracellular Dyes. <i>Advanced Optical Materials</i> , 2015, 3, 1197-1200.	3.6	28
110	Multiplexed laser particles for spatially resolved single-cell analysis. <i>Light: Science and Applications</i> , 2019, 8, 74.	7.7	28
111	A polarimetric current sensor using an orthogonally polarized dual-frequency fibre laser. <i>Measurement Science and Technology</i> , 1998, 9, 952-959.	1.4	26
112	Cross-axis cascading of spectral dispersion. <i>Optics Letters</i> , 2008, 33, 2979.	1.7	26
113	<i>In Vivo</i> Imaging of Tracheal Epithelial Cells in Mice during Airway Regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 864-868.	1.4	26
114	Structure and optical properties of perovskite-embedded dual-phase microcrystals synthesized by sonochemistry. <i>Communications Chemistry</i> , 2020, 3, .	2.0	26
115	Selective two-photon collagen crosslinking in situ measured by Brillouin microscopy. <i>Optica</i> , 2016, 3, 469.	4.8	25
116	Submicrometer perovskite plasmonic lasers at room temperature. <i>Science Advances</i> , 2021, 7, .	4.7	25
117	Etalon filters for Brillouin microscopy of highly scattering tissues. <i>Optics Express</i> , 2016, 24, 22232.	1.7	24
118	Carbon nanotube biconvex microcavities. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	22
119	Flexible Optical Waveguides for Uniform Periscleral Cross-Linking. , 2017, 58, 2596.		22
120	Mapping the phase and amplitude of ossicular chain motion using sound-synchronous optical coherence vibrography. <i>Biomedical Optics Express</i> , 2018, 9, 5489.	1.5	22
121	All-fiber add-drop wavelength-division multiplexer based on intermodal coupling. <i>IEEE Photonics Technology Letters</i> , 2001, 13, 460-462.	1.3	21
122	Mechanism of multiple grating formation in high-energy recording of holographic sensors. <i>Applied Physics Letters</i> , 2014, 105, .	1.5	21
123	Self-adjuvanted hyaluronate " antigenic peptide conjugate for transdermal treatment of muscular dystrophy. <i>Biomaterials</i> , 2016, 81, 93-103.	5.7	21
124	Spectral reading of optical resonance-encoded cells in microfluidics. <i>Lab on A Chip</i> , 2017, 17, 2777-2784.	3.1	21
125	The influence of hydration on different mechanical moduli of the cornea. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1653-1660.	1.0	21
126	Measuring mechanical anisotropy of the cornea with Brillouin microscopy. <i>Nature Communications</i> , 2022, 13, 1354.	5.8	21

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127	Bioimaging of Hyaluronate-Interferon γ Conjugates Using a Non-Interfering Zwitterionic Fluorophore. <i>Biomacromolecules</i> , 2015, 16, 3054-3061.	2.6	20
128	The Effect of Static Stretch on Elastin Degradation in Arteries. <i>PLoS ONE</i> , 2013, 8, e81951.	1.1	19
129	In vivo stiffness measurement of epidermis, dermis, and hypodermis using broadband Rayleigh-wave optical coherence elastography. <i>Acta Biomaterialia</i> , 2022, 146, 295-305.	4.1	19
130	An electronically wavelength-tunable mode-locked fiber laser using an all-fiber acoustooptic tunable filter. <i>IEEE Photonics Technology Letters</i> , 1996, 8, 1618-1620.	1.3	18
131	350-nm side-view optical probe for imaging the murine brain <i>in vivo</i> from the cortex to the hypothalamus. <i>Journal of Biomedical Optics</i> , 2013, 18, 050502.	1.4	18
132	Two-photon excited photoconversion of cyanine-based dyes. <i>Scientific Reports</i> , 2016, 6, 23866.	1.6	18
133	Shear Brillouin light scattering microscope. <i>Optics Express</i> , 2016, 24, 319.	1.7	18
134	Selective Equatorial Sclera Crosslinking in the Orbit Using a Metal-Coated Polymer Waveguide. , 2019, 60, 2563.		17
135	Suppression of polarization dependence in a two-mode-fiber acousto-optic device. <i>Optics Letters</i> , 1996, 21, 908.	1.7	16
136	In vivo imaging of Lgr5-positive cell populations using confocal laser endomicroscopy during early colon tumorigenesis. <i>Endoscopy</i> , 2014, 46, 1110-1116.	1.0	15
137	Intravital Microscopic Interrogation of Peripheral Taste Sensation. <i>Scientific Reports</i> , 2015, 5, 8661.	1.6	15
138	Controlled Detachment of Chemically Glued Cells. <i>Bioconjugate Chemistry</i> , 2016, 27, 2601-2604.	1.8	15
139	Polarization- and frequency-stable fiber laser for magnetic-field sensing. <i>Optics Letters</i> , 1996, 21, 1029.	1.7	14
140	All-fiber tunable comb filter with nonreciprocal transmission. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 1437-1439.	1.3	14
141	Label-free histological imaging of tissues using Brillouin light scattering contrast. <i>Biomedical Optics Express</i> , 2021, 12, 1437.	1.5	14
142	Single-Mode, 700% Stretchable, Elastic Optical Fibers Made of Thermoplastic Elastomers. <i>Advanced Optical Materials</i> , 2021, 9, 2100270.	3.6	14
143	Multiwall carbon nanotube microcavity arrays. <i>Journal of Applied Physics</i> , 2016, 119, 113105.	1.1	13
144	Mode-multiplexed waveguide sensor. <i>Journal of Electromagnetic Waves and Applications</i> , 2016, 30, 444-455.	1.0	13

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145	Frequency-division-multiplexed polarimetric fiber laser current-sensor array. <i>Optics Letters</i> , 1999, 24, 1097.	1.7	12
146	Poly(catecholamine) Coated CsPbBr ₃ Perovskite Microlasers: Lasing in Water and Biofunctionalization. <i>Advanced Functional Materials</i> , 2021, 31, 2101902.	7.8	12
147	Mode locking of a wavelength-swept laser. <i>Optics Letters</i> , 2005, 30, 2660.	1.7	11
148	Electrically Tunable Scattering from Devitriteâ€“Liquid Crystal Hybrid Devices. <i>Advanced Optical Materials</i> , 2017, 5, 1600414.	3.6	10
149	Nonlinear strain response of two-mode fiber-optic interferometer. <i>Optics Letters</i> , 1996, 21, 934.	1.7	9
150	Longitudinal Tracing of Spontaneous Regression and Anti-angiogenic Response of Individual Microadenomas during Colon Tumorigenesis. <i>Theranostics</i> , 2015, 5, 724-732.	4.6	9
151	Parametric Simulations of Slanted 1D Photonic Crystal Sensors. <i>Nanoscale Research Letters</i> , 2016, 11, 157.	3.1	9
152	Siteâ€“Specific In Vivo Bioorthogonal Ligation via Chemical Modulation. <i>Advanced Healthcare Materials</i> , 2016, 5, 2510-2516.	3.9	9
153	Multilayer Fabrication of a Rainbow of Microdisk Laser Particles Across a 500 nm Bandwidth. <i>ACS Photonics</i> , 2021, 8, 1301-1306.	3.2	9
154	Compact Quantumâ€“Dot Microbeads with Subâ€“Nanometer Emission Linewidth. <i>Advanced Functional Materials</i> , 2021, 31, 2103413.	7.8	9
155	All-fiber acoustooptic filter with low-polarization sensitivity and no frequency shift. <i>IEEE Photonics Technology Letters</i> , 1997, 9, 461-463.	1.3	8
156	In vivo femtosecond endosurgery: an intestinal epithelial regeneration-after-injury model. <i>Optics Express</i> , 2013, 21, 30842.	1.7	8
157	Multiplex Smartphone Diagnostics. <i>Methods in Molecular Biology</i> , 2017, 1546, 295-302.	0.4	8
158	Conformal Coating of Freestanding Particles by Vaporâ€“Phase Infiltration. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001323.	1.9	8
159	Rapid and Selective Targeting of Heterogeneous Pancreatic Neuroendocrine Tumors. <i>IScience</i> , 2020, 23, 101006.	1.9	8
160	Polyethersulfone optical fibers with thermally induced microbubbles for custom side-scattering profiles. <i>Optics Express</i> , 2019, 27, 7560.	1.7	8
161	Optical coherence tomography for imaging the middle and inner ears: A technical review. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	7
162	Laser particle activated cell sorting in microfluidics. <i>Lab on A Chip</i> , 2022, 22, 2343-2351.	3.1	7

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163	Hyaluronate-Flt1 peptide conjugate/epirubicin micelles for theranostic application to liver cancers. RSC Advances, 2015, 5, 48615-48618.	1.7	6
164	Optical coherence tomographic measurements of the sound-induced motion of the ossicular chain in chinchillas: Additional modes of ossicular motion enhance the mechanical response of the chinchilla middle ear at higher frequencies. Hearing Research, 2020, 396, 108056.	0.9	6
165	Biomaterial Laser: All-Biomaterial Laser Using Vitamin and Biopolymers (Adv. Mater. 41/2013). Advanced Materials, 2013, 25, 5988-5988.	11.1	5
166	Brillouin Microscopy Visualizes Centralized Corneal Edema in Fuchs Endothelial Dystrophy. Cornea, 2020, 39, 168-171.	0.9	5
167	Droplet microfluidic generation of a million optical microparticle barcodes. Optics Express, 2021, 29, 38109.	1.7	4
168	Ultrahigh resolution spectral-domain optical coherence tomography using the 1000-1600-nm spectral band. Biomedical Optics Express, 2022, 13, 1939.	1.5	4
169	Bio-inspired and bio-integrated photonic materials and devices: feature issue introduction. Optical Materials Express, 2020, 10, 155.	1.6	3
170	Antimetastatic Effect by Targeting CTC Cluster Response. Cancer Research, 2016, 76, 4910-4910.	0.4	2
171	Millisecond cellular labelling in situ with two-photon photoconversion. Biomedical Optics Express, 2018, 9, 3067.	1.5	1
172	Wavelength Swept Lasers. , 2015, , 619-637.		1
173	Dense-Wavelength-Division Laser Micro-Particles: Fabrication and Imaging in Tissues. , 2018, , .		1
174	Advances in Optical Coherence Tomography: Frequency-domain Technology and Applications. , 2007, , .		0
175	Picosecond Sliding Frequency Mode-locked Fiber Laser. , 2010, , .		0
176	Vaccines: Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant (Adv. Funct. Mater. 15/2016). Advanced Functional Materials, 2016, 26, 2511-2511.	7.8	0
177	Cell Morphology-Based Classification in Red Blood Cells by Angle-Resolved Electromagnetic Scattering Approach. , 2018, , .		0
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