Seok-Hyun Yun

List of Publications by Year
in descending order

178 papers	14,653 citations	19657 61 h-index	21540 114 g-index
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.	14.6	530
2	Light in diagnosis, therapy and surgery. Nature Biomedical Engineering, 2017, 1, .	22.5	523
3	Ultrahigh-resolution high-speed retinal imaging using spectral-domain optical coherence tomography. Optics Express, 2004, 12, 2435.	3.4	516
4	Real-time fiber-based multi-functional spectral-domain optical coherence tomography at 13 Âµm. Optics Express, 2005, 13, 3931.	3.4	431
5	Confocal Brillouin microscopy for three-dimensional mechanical imaging. Nature Photonics, 2008, 2, 39-43.	31.4	414
6	Multifunctional materials for implantable and wearable photonic healthcare devices. Nature Reviews Materials, 2020, 5, 149-165.	48.7	403
7	Contact Lens Sensors in Ocular Diagnostics. Advanced Healthcare Materials, 2015, 4, 792-810.	7.6	361
8	Single-cell biological lasers. Nature Photonics, 2011, 5, 406-410.	31.4	343
9	Highly Stretchable, Strain Sensing Hydrogel Optical Fibers. Advanced Materials, 2016, 28, 10244-10249.	21.0	327
10	Noncontact three-dimensional mapping of intracellular hydromechanical properties by Brillouin microscopy. Nature Methods, 2015, 12, 1132-1134.	19.0	326
11	The potential of optofluidic biolasers. Nature Methods, 2014, 11, 141-147.	19.0	303
12	Photonic crystal fiber based plasmonic sensors. Sensors and Actuators B: Chemical, 2017, 243, 311-325.	7.8	303
13	Light-guiding hydrogels for cell-based sensing and optogenetic synthesis in vivo. Nature Photonics, 2013, 7, 987-994.	31.4	287
14	Intracellular microlasers. Nature Photonics, 2015, 9, 572-576.	31.4	284
15	Wireless smart contact lens for diabetic diagnosis and therapy. Science Advances, 2020, 6, eaba3252.	10.3	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.	3.3	210
18	Nanographene Oxideâ€"Hyaluronic Acid Conjugate for Photothermal Ablation Therapy of Skin Cancer. ACS Nano, 2014, 8, 260-268.	14.6	208

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19	Glucoseâ€Sensitive Hydrogel Optical Fibers Functionalized with Phenylboronic Acid. Advanced Materials, 2017, 29, 1606380.	21.0	206
20	Interrogation of fiber grating sensor arrays with a wavelength-swept fiber laser. Optics Letters, 1998, 23, 843.	3.3	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. Optics Express, 2012, 20, 9197.	3.4	180
23	Rapid tumoritropic accumulation of systemically injected plateloid particles and their biodistribution. Journal of Controlled Release, 2012, 158, 148-155.	9.9	177
24	Stepâ€Index Optical Fiber Made of Biocompatible Hydrogels. Advanced Materials, 2015, 27, 4081-4086.	21.0	175
25	InÂVivo Measurement of Age-Related Stiffening in the Crystalline Lens by Brillouin Optical Microscopy. Biophysical Journal, 2011, 101, 1539-1545.	0.5	174
26	Bioabsorbable polymer optical waveguides for deep-tissue photomedicine. Nature Communications, 2016, 7, 10374.	12.8	173
27	Chemical Tumor-Targeting of Nanoparticles Based on Metabolic Glycoengineering and Click Chemistry. ACS Nano, 2014, 8, 2048-2063.	14.6	167
28	Bioimaging of Hyaluronic Acid Derivatives Using Nanosized Carbon Dots. Biomacromolecules, 2012, 13, 2554-2561.	5.4	162
29	Long-period fiber gratings based on periodic microbends. Optics Letters, 1999, 24, 1263.	3.3	161
30	Endoscopic Time-Lapse Imaging of Immune Cells in Infarcted Mouse Hearts. Circulation Research, 2013, 112, 891-899.	4.5	161
31	Photonic hydrogel sensors. Biotechnology Advances, 2016, 34, 250-271.	11.7	157
32	On the near-wall accumulation of injectable particles in the microcirculation: smaller is not better. Scientific Reports, 2013, 3, 2079.	3.3	154
33	Multifunctional Photonic Nanomaterials for Diagnostic, Therapeutic, and Theranostic Applications. Advanced Materials, 2018, 30, 1701460.	21.0	137
34	The Î²-Glucan Receptor Dectin-1 Activates the Integrin Mac-1 in Neutrophils via Vav Protein Signaling to Promote Candida albicans Clearance. Cell Host and Microbe, 2011, 10, 603-615.	11.0	133
35	Card9 Mediates Intestinal Epithelial Cell Restitution, T-Helper 17 Responses, and Control of Bacterial Infection in Mice. Gastroenterology, 2013, 145, 591-601.e3.	1.3	131
36	Multistage VIPA etalons for high-extinction parallel Brillouin spectroscopy. Optics Express, 2011, 19, 10913.	3.4	130

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37	Immune recognition and rejection of allogeneic skin grafts. Immunotherapy, 2011, 3, 757-770.	2.0	125
38	In Vivo Biomechanical Mapping of Normal and Keratoconus Corneas. JAMA Ophthalmology, 2015, 133, 480.	2.5	124
39	Ly6Clo monocytes drive immunosuppression and confer resistance to anti-VEGFR2 cancer therapy. Journal of Clinical Investigation, 2017, 127, 3039-3051.	8.2	124
40	Actively gain-flattened erbium-doped fiber amplifier over 35 nm by using all-fiber acoustooptic tunable filters. IEEE Photonics Technology Letters, 1998, 10, 790-792.	2.5	115
41	Wavelength-encoded laser particles for massively multiplexed cell tagging. Nature Photonics, 2019, 13, 720-727.	31.4	113
42	Paper-based microfluidic system for tear electrolyte analysis. Lab on A Chip, 2017, 17, 1137-1148.	6.0	111
43	Photodynamic therapy of melanoma skin cancer using carbon dot â€“ chlorin e6 â€“ hyaluronate conjugate. Acta Biomaterialia, 2015, 26, 295-305.	8.3	110
44	Allâ€Biomaterial Laser Using Vitamin and Biopolymers. Advanced Materials, 2013, 25, 5943-5947.	21.0	105
45	A Novel Imaging Approach for Early Detection of Prostate Cancer Based on Endogenous Zinc Sensing. Cancer Research, 2010, 70, 6119-6127.	0.9	103
46	Transdermal delivery of hyaluronic acid â€“ Human growth hormone conjugate. Biomaterials, 2012, 33, 5947-5954.	11.4	103
47	Fourier-domain optical coherence tomography: recent advances toward clinical utility. Current Opinion in Biotechnology, 2009, 20, 111-118.	6.6	99
48	Targeting CXCR4-dependent immunosuppressive Ly6C ^{low} monocytes improves antiangiogenic therapy in colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10455-10460.	7.1	97
49	Biodegradable elastic nanofibrous platforms with integrated flexible heaters for on-demand drug delivery. Scientific Reports, 2017, 7, 9220.	3.3	90
50	Fabrication and operation of GRIN probes for in vivo fluorescence cellular imaging of internal organs in small animals. Nature Protocols, 2012, 7, 1456-1469.	12.0	89
51	High performance fused-type mode-selective coupler using elliptical core two-mode fiber at 1550 nm. IEEE Photonics Technology Letters, 2002, 14, 501-503.	2.5	87
52	Bio-optimized energy transfer in densely packed fluorescent protein enables near-maximal luminescence and solid-state lasers. Nature Communications, 2014, 5, 5722.	12.8	86
53	All-fiber tunable filter and laser based on two-mode fiber. Optics Letters, 1996, 21, 27.	3.3	84
54	Photonic Nanosensor for Colorimetric Detection of Metal Ions. Analytical Chemistry, 2015, 87, 5101-5108.	6.5	82

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55	Upconversion Nanoparticles/Hyaluronateâ€"Rose Bengal Conjugate Complex for Noninvasive Photochemical Tissue Bonding. ACS Nano, 2017, 11, 9979-9988.	14.6	81
56	Lightâ€Guiding Biomaterials for Biomedical Applications. Advanced Functional Materials, 2018, 28, 1706635.	14.9	79
57	Interaction of two translational components, lysylâ€tRNA synthetase and p40/37LRP, in plasma membrane promotes lamininâ€dependent cell migration. FASEB Journal, 2012, 26, 4142-4159.	0.5	76
58	The commercialization of genome-editing technologies. Critical Reviews in Biotechnology, 2017, 37, 924-932.	9.0	76
59	Bioluminescence-Activated Deep-Tissue Photodynamic Therapy of Cancer. Theranostics, 2015, 5, 805-817.	10.0	72
60	Trichogenic Photostimulation Using Monolithic Flexible Vertical AlGaInP Light-Emitting Diodes. ACS Nano, 2018, 12, 9587-9595.	14.6	72
61	Lasing from Escherichia coli bacteria genetically programmed to express green fluorescent protein. Optics Letters, 2011, 36, 3299.	3.3	70
62	Biodegradable Photonic Melanoidin for Theranostic Applications. ACS Nano, 2016, 10, 822-831.	14.6	69
63	Dynamic erbium-doped fiber amplifier based on active gain flattening with fiber acoustooptic tunable filters. IEEE Photonics Technology Letters, 1999, 11, 1229-1231.	2.5	67
64	A Novel Laser Vaccine Adjuvant Increases the Motility of Antigen Presenting Cells. PLoS ONE, 2010, 5, e13776.	2.5	65
65	Spatially-resolved Brillouin spectroscopy reveals biomechanical abnormalities in mild to advanced keratoconus in vivo. Scientific Reports, 2019, 9, 7467.	3.3	65
66	Biomaterial microlasers implantable in the cornea, skin, and blood. Optica, 2017, 4, 1080.	9.3	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. Scientific Reports, 2020, 10, 17366.	3.3	58
69	Simultaneous 3D imaging of sound-induced motions of the tympanic membrane and middle ear ossicles. Hearing Research, 2013, 304, 49-56.	2.0	57
70	Brillouin Spectroscopy of Normal and Keratoconus Corneas. American Journal of Ophthalmology, 2019, 202, 118-125.	3.3	57
71	Polyplex nanomicelle promotes hydrodynamic gene introduction to skeletal muscle. Journal of Controlled Release, 2010, 143, 112-119.	9.9	53
72	Brillouin microscopy. Current Opinion in Ophthalmology, 2018, 29, 299-305.	2.9	53

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73	Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant. Advanced Functional Materials, 2016, 26, 2512-2522.	14.9	52
74	Toward biomaterial-based implantable photonic devices. Nanophotonics, 2017, 6, 414-434.	6.0	52
75	Splicing variant of AIMP2 as an effective target against chemoresistant ovarian cancer. Journal of Molecular Cell Biology, 2012, 4, 164-173.	3.3	51
76	Reconfigurable optical assembly of nanostructures. Nature Communications, 2016, 7, 12002.	12.8	51
77	Color-selective holographic retroreflector array for sensing applications. Light: Science and Applications, 2017, 6, e16214-e16214.	16.6	49
78	Optical lens-microneedle array for percutaneous light delivery. Biomedical Optics Express, 2016, 7, 4220.	2.9	48
79	Colorâ€Selective 2.5D Holograms on Largeâ€Area Flexible Substrates for Sensing and Multilevel Security. Advanced Optical Materials, 2016, 4, 1589-1600.	7.3	48
80	Laser Particle Stimulated Emission Microscopy. Physical Review Letters, 2016, 117, 193902.	7.8	48
81	Line-scanning Brillouin microscopy for rapid non-invasive mechanical imaging. Scientific Reports, 2016, 6, 35398.	3.3	48
82	Urokinase Exerts Antimetastatic Effects by Dissociating Clusters of Circulating Tumor Cells. Cancer Research, 2015, 75, 4474-4482.	0.9	47
83	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue. Small, 2015, 11, 6458-6466.	10.0	47
84	Optical microring resonator based corrosion sensing. RSC Advances, 2016, 6, 56127-56133.	3.6	47
85	Measuring mechanical wave speed, dispersion, and viscoelastic modulus of the cornea using optical coherence elastography. Optics Express, 2019, 27, 16635.	3.4	47
86	<i>Morpho</i> Butterflyâ€Inspired Nanostructures. Advanced Optical Materials, 2016, 4, 497-504.	7.3	46
87	All-fiber wavelength-tunable acoustooptic switches based on intermodal coupling in fibers. Journal of Lightwave Technology, 2002, 20, 1864-1868.	4.6	42
88	Real-Time FPGA Processing for High-Speed Optical Frequency Domain Imaging. IEEE Transactions on Medical Imaging, 2009, 28, 1468-1472.	8.9	42
89	High-extinction virtually imaged phased array-based Brillouin spectroscopy of turbid biological media. Applied Physics Letters, 2016, 108, 203701.	3.3	42
90	FTY720 Blocks Egress of T Cells in Part by Abrogation of Their Adhesion on the Lymph Node Sinus. Journal of Immunology, 2011, 187, 2244-2251.	0.8	41

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91	In Vivo Fluorescence Microscopy: Lessons From Observing Cell Behavior in Their Native Environment. Physiology, 2015, 30, 40-49.	3.1	41
92	Cellular dye lasers: lasing thresholds and sensing in a planar resonator. Optics Express, 2015, 23, 27865.	3.4	39
93	Luciferaseâ€“Rose Bengal conjugates for singlet oxygen generation by bioluminescence resonance energy transfer. Chemical Communications, 2017, 53, 4569-4572.	4.1	38
94	Reply to â€˜Water content, not stiffness, dominates Brillouin spectroscopy measurements in hydrated materialsâ€™. Nature Methods, 2018, 15, 562-563.	19.0	38
95	Art on the Nanoscale and Beyond. Advanced Materials, 2016, 28, 1724-1742.	21.0	37
96	Whispering-gallery-mode emission from biological luminescent protein microcavity assemblies. Optica, 2017, 4, 222.	9.3	37
97	Laser particles with omnidirectional emission for cell tracking. Light: Science and Applications, 2021, 10, 23.	16.6	37
98	Hyaluronateâ€“Gold Nanorod/DR5 Antibody Complex for Noninvasive Theranosis of Skin Cancer. ACS Applied Materials & Interfaces, 2016, 8, 32202-32210.	8.0	35
99	A switchable digital microfluidic droplet dye-laser. Lab on A Chip, 2011, 11, 3716.	6.0	34
100	Bioart. Trends in Biotechnology, 2015, 33, 724-734.	9.3	34
101	Laser Interference Lithography for the Nanofabrication of Stimuliâ€Responsive Bragg Stacks. Advanced Functional Materials, 2018, 28, 1702715.	14.9	34
102	Dynamic imaging of vocal fold oscillation with fourâ€dimensional optical coherence tomography. Laryngoscope, 2010, 120, 1354-1362.	2.0	33
103	Photonic Crystal Flakes. ACS Sensors, 2016, 1, 493-497.	7.8	33
104	All-fiber-optic nonreciprocal modulator. Optics Letters, 1997, 22, 507.	3.3	32
105	Printable Nanophotonic Devices <i>via</i> Holographic Laser Ablation. ACS Nano, 2015, 9, 9062-9069.	14.6	32
106	Label-free nanoscale optical metrology on myelinated axons in vivo. Nature Communications, 2017, 8, 1832.	12.8	30
107	Numerical model of optical coherence tomographic vibrography imaging to estimate corneal biomechanical properties. Journal of the Royal Society Interface, 2014, 11, 20140920.	3.4	29
108	Lasing from fluorescent protein crystals. Optics Express, 2014, 22, 31411.	3.4	28

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109	A Simple Approach to Biological Singleâ€Cell Lasers Via Intracellular Dyes. Advanced Optical Materials, 2015, 3, 1197-1200.	7.3	28
110	Multiplexed laser particles for spatially resolved single-cell analysis. Light: Science and Applications, 2019, 8, 74.	16.6	28
111	A polarimetric current sensor using an orthogonally polarized dual-frequency fibre laser. Measurement Science and Technology, 1998, 9, 952-959.	2.6	26
112	Cross-axis cascading of spectral dispersion. Optics Letters, 2008, 33, 2979.	3.3	26
113	<i>In Vivo</i> Imaging of Tracheal Epithelial Cells in Mice during Airway Regeneration. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 864-868.	2.9	26
114	Structure and optical properties of perovskite-embedded dual-phase microcrystals synthesized by sonochemistry. Communications Chemistry, 2020, 3, .	4.5	26
115	Selective two-photon collagen crosslinking in situ measured by Brillouin microscopy. Optica, 2016, 3, 469.	9.3	25
116	Submicrometer perovskite plasmonic lasers at room temperature. Science Advances, 2021, 7, .	10.3	25
117	Etalon filters for Brillouin microscopy of highly scattering tissues. Optics Express, 2016, 24, 22232.	3.4	24
118	Carbon nanotube biconvex microcavities. Applied Physics Letters, 2015, 106, .	3.3	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. Biomedical Optics Express, 2018, 9, 5489.	2.9	22
121	All-fiber add-drop wavelength-division multiplexer based on intermodal coupling. IEEE Photonics Technology Letters, 2001, 13, 460-462.	2.5	21
122	Mechanism of multiple grating formation in high-energy recording of holographic sensors. Applied Physics Letters, 2014, 105, .	3.3	21
123	Self-adjuvanted hyaluronate â€" antigenic peptide conjugate for transdermal treatment of muscular dystrophy. Biomaterials, 2016, 81, 93-103.	11.4	21
124	Spectral reading of optical resonance-encoded cells in microfluidics. Lab on A Chip, 2017, 17, 2777-2784.	6.0	21
125	The influence of hydration on different mechanical moduli of the cornea. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1653-1660.	1.9	21
126	Measuring mechanical anisotropy of the cornea with Brillouin microscopy. Nature Communications, 2022, 13, 1354.	12.8	21

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127	Bioimaging of Hyaluronateâ€“Interferon Î± Conjugates Using a Non-Interfering Zwitterionic Fluorophore. Biomacromolecules, 2015, 16, 3054-3061.	5.4	20
128	The Effect of Static Stretch on Elastin Degradation in Arteries. PLoS ONE, 2013, 8, e81951.	2.5	19
129	In vivo stiffness measurement of epidermis, dermis, and hypodermis using broadband Rayleigh-wave optical coherence elastography. Acta Biomaterialia, 2022, 146, 295-305.	8.3	19
130	An electronically wavelength-tunable mode-locked fiber laser using an all-fiber acoustooptic tunable filter. IEEE Photonics Technology Letters, 1996, 8, 1618-1620.	2.5	18
131	350-<i>Î¼</i>m side-view optical probe for imaging the murine brain<i>in vivo</i>from the cortex to the hypothalamus. Journal of Biomedical Optics, 2013, 18, 050502.	2.6	18
132	Two-photon excited photoconversion of cyanine-based dyes. Scientific Reports, 2016, 6, 23866.	3.3	18
133	Shear Brillouin light scattering microscope. Optics Express, 2016, 24, 319.	3.4	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. Optics Letters, 1996, 21, 908.	3.3	16
136	In vivo imaging of Lgr5-positive cell populations using confocal laser endomicroscopy during early colon tumorigenesis. Endoscopy, 2014, 46, 1110-1116.	1.8	15
137	Intravital Microscopic Interrogation of Peripheral Taste Sensation. Scientific Reports, 2015, 5, 8661.	3.3	15
138	Controlled Detachment of Chemically Glued Cells. Bioconjugate Chemistry, 2016, 27, 2601-2604.	3.6	15
139	Polarization- and frequency-stable fiber laser for magnetic-field sensing. Optics Letters, 1996, 21, 1029.	3.3	14
140	All-fiber tunable comb filter with nonreciprocal transmission. IEEE Photonics Technology Letters, 1998, 10, 1437-1439.	2.5	14
141	Label-free histological imaging of tissues using Brillouin light scattering contrast. Biomedical Optics Express, 2021, 12, 1437.	2.9	14
142	Singleâ€Mode, 700%â€Stretchable, Elastic Optical Fibers Made of Thermoplastic Elastomers. Advanced Optical Materials, 2021, 9, 2100270.	7.3	14
143	Multiwall carbon nanotube microcavity arrays. Journal of Applied Physics, 2016, 119, 113105.	2.5	13
144	Mode-multiplexed waveguide sensor. Journal of Electromagnetic Waves and Applications, 2016, 30, 444-455.	1.6	13

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145	Frequency-division-multiplexed polarimetric fiber laser current-sensor array. Optics Letters, 1999, 24, 1097.	3.3	12
146	Poly(catecholamine) Coated CsPbBr₃ Perovskite Microlasers: Lasing in Water and Biofunctionalization. Advanced Functional Materials, 2021, 31, 2101902.	14.9	12
147	Mode locking of a wavelength-swept laser. Optics Letters, 2005, 30, 2660.	3.3	11
148	Electrically Tunable Scattering from Devitriteâ€"Liquid Crystal Hybrid Devices. Advanced Optical Materials, 2017, 5, 1600414.	7.3	10
149	Nonlinear strain response of two-mode fiber-optic interferometer. Optics Letters, 1996, 21, 934.	3.3	9
150	Longitudinal Tracing of Spontaneous Regression and Anti-angiogenic Response of Individual Microadenomas during Colon Tumorigenesis. Theranostics, 2015, 5, 724-732.	10.0	9
151	Parametric Simulations of Slanted 1D Photonic Crystal Sensors. Nanoscale Research Letters, 2016, 11, 157.	5.7	9
152	Siteâ€Specific In Vivo Bioorthogonal Ligation via Chemical Modulation. Advanced Healthcare Materials, 2016, 5, 2510-2516.	7.6	9
153	Multilayer Fabrication of a Rainbow of Microdisk Laser Particles Across a 500 nm Bandwidth. ACS Photonics, 2021, 8, 1301-1306.	6.6	9
154	Compact Quantumâ€Dot Microbeads with Subâ€Nanometer Emission Linewidth. Advanced Functional Materials, 2021, 31, 2103413.	14.9	9
155	All-fiber acoustooptic filter with low-polarization sensitivity and no frequency shift. IEEE Photonics Technology Letters, 1997, 9, 461-463.	2.5	8
156	In vivo femtosecond endosurgery: an intestinal epithelial regeneration-after-injury model. Optics Express, 2013, 21, 30842.	3.4	8
157	Multiplex Smartphone Diagnostics. Methods in Molecular Biology, 2017, 1546, 295-302.	0.9	8
158	Conformal Coating of Freestanding Particles by Vaporâ€Phase Infiltration. Advanced Materials Interfaces, 2020, 7, 2001323.	3.7	8
159	Rapid and Selective Targeting of Heterogeneous Pancreatic Neuroendocrine Tumors. IScience, 2020, 23, 101006.	4.1	8
160	Polyethersulfone optical fibers with thermally induced microbubbles for custom side-scattering profiles. Optics Express, 2019, 27, 7560.	3.4	8
161	Optical coherence tomography for imaging the middle and inner ears: A technical review. AIP Conference Proceedings, 2018, , .	0.4	7
162	Laser particle activated cell sorting in microfluidics. Lab on A Chip, 2022, 22, 2343-2351.	6.0	7

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163	Hyaluronateâ€"Flt1 peptide conjugate/epirubicin micelles for theranostic application to liver cancers. RSC Advances, 2015, 5, 48615-48618.	3.6	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.	2.0	6
165	Biomaterial Laser: Allâ€Biomaterial Laser Using Vitamin and Biopolymers (Adv. Mater. 41/2013). Advanced Materials, 2013, 25, 5988-5988.	21.0	5
166	Brillouin Microscopy Visualizes Centralized Corneal Edema in Fuchs Endothelial Dystrophy. Cornea, 2020, 39, 168-171.	1.7	5
167	Droplet microfluidic generation of a million optical microparticle barcodes. Optics Express, 2021, 29, 38109.	3.4	4
168	Ultrahigh resolution spectral-domain optical coherence tomography using the 1000â€"1600â€‰nm spectral band. Biomedical Optics Express, 2022, 13, 1939.	2.9	4
169	Bio-inspired and bio-integrated photonic materials and devices: feature issue introduction. Optical Materials Express, 2020, 10, 155.	3.0	3
170	Antimetastatic Effect by Targeting CTC Clusterâ€"Response. Cancer Research, 2016, 76, 4910-4910.	0.9	2
171	Millisecond cellular labelling in situ with two-photon photoconversion. Biomedical Optics Express, 2018, 9, 3067.	2.9	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.	14.9	0
177	Cell Morphology-Based Classification in Red Blood Cells by Angle-Resolved Electromagnetic Scattering Approach. , 2018, , .		0
178	Bioresorbable spectrometers. Nature Biomedical Engineering, 2019, 3, 594-595.	22.5	0