

# Seok-Hyun Yun

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

174  
papers

10,628  
citations

57  
h-index

99  
g-index

189  
ext. papers

12,891  
ext. citations

9.7  
avg. IF

6.7  
L-index

#	Paper	IF	Citations
174	Ultrahigh resolution spectral-domain optical coherence tomography using the 1000-1600 nm spectral band.. <i>Biomedical Optics Express</i> , <b>2022</b> , 13, 1939-1947	3.5	1
173	Measuring mechanical anisotropy of the cornea with Brillouin microscopy.. <i>Nature Communications</i> , <b>2022</b> , 13, 1354	17.4	4
172	In vivo stiffness measurement of epidermis, dermis, and hypodermis using broadband Rayleigh-wave optical coherence elastography.. <i>Acta Biomaterialia</i> , <b>2022</b> ,	10.8	1
171	Poly(catecholamine) coated CsPbBr perovskite microlasers: lasing in water and biofunctionalization. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101902	15.6	4
170	Multilayer Fabrication of a Rainbow of Microdisk Laser Particles Across a 500 nm Bandwidth. <i>ACS Photonics</i> , <b>2021</b> , 8, 1301-1306	6.3	2
169	Single-Mode, 700%-Stretchable, Elastic Optical Fibers Made of Thermoplastic Elastomers. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100270	8.1	8
168	Laser particles with omnidirectional emission for cell tracking. <i>Light: Science and Applications</i> , <b>2021</b> , 10, 23	16.7	11
167	Label-free histological imaging of tissues using Brillouin light scattering contrast. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 1437-1448	3.5	5
166	Compact Quantum-Dot Microbeads with Sub-Nanometer Emission Linewidth.. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103413	15.6	1
165	Submicrometer perovskite plasmonic lasers at room temperature. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	8
164	Droplet microfluidic generation of a million optical microparticle barcodes. <i>Optics Express</i> , <b>2021</b> , 29, 38109-38118	9.5	18
163	Conformal Coating of Freestanding Particles by Vapor-Phase Infiltration. <i>Advanced Materials Interfaces</i> , <b>2020</b> , 7, 2001323	4.6	4
162	Structure and optical properties of perovskite-embedded dual-phase microcrystals synthesized by sonochemistry. <i>Communications Chemistry</i> , <b>2020</b> , 3,	6.3	19
161	Wireless smart contact lens for diabetic diagnosis and therapy. <i>Science Advances</i> , <b>2020</b> , 6, eaba3252	14.3	127
160	Rapid and Selective Targeting of Heterogeneous Pancreatic Neuroendocrine Tumors. <i>IScience</i> , <b>2020</b> , 23, 101006	6.1	4
159	Bio-inspired and bio-integrated photonic materials and devices: feature issue introduction. <i>Optical Materials Express</i> , <b>2020</b> , 10, 155	2.6	2
158	Multifunctional materials for implantable and wearable photonic healthcare devices. <i>Nature Reviews Materials</i> , <b>2020</b> , 5, 149-165	73.3	206

157	Brillouin Microscopy Visualizes Centralized Corneal Edema in Fuchs Endothelial Dystrophy. <i>Cornea</i> , <b>2020</b> , 39, 168-171	3.1	5
156	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. <i>Hearing Research</i> , <b>2020</b> , 396, 108056	3.9	0
155	In vivo measurement of shear modulus of the human cornea using optical coherence elastography. <i>Scientific Reports</i> , <b>2020</b> , 10, 17366	4.9	20
154	Multiplexed laser particles for spatially resolved single-cell analysis. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 74	16.7	15
153	Spatially-resolved Brillouin spectroscopy reveals biomechanical abnormalities in mild to advanced keratoconus in vivo. <i>Scientific Reports</i> , <b>2019</b> , 9, 7467	4.9	41
152	Wavelength-encoded laser particles for massively multiplexed cell tagging. <i>Nature Photonics</i> , <b>2019</b> , 13, 720-727	33.9	62
151	Bioresorbable spectrometers. <i>Nature Biomedical Engineering</i> , <b>2019</b> , 3, 594-595	19	
150	Selective Equatorial Sclera Crosslinking in the Orbit Using a Metal-Coated Polymer Waveguide <b>2019</b> , 60, 2563-2570		9
149	Polyethersulfone optical fibers with thermally induced microbubbles for custom side-scattering profiles. <i>Optics Express</i> , <b>2019</b> , 27, 7560-7567	3.3	7
148	Measuring mechanical wave speed, dispersion, and viscoelastic modulus of the cornea using optical coherence elastography. <i>Optics Express</i> , <b>2019</b> , 27, 16635-16649	3.3	29
147	Brillouin Spectroscopy of Normal and Keratoconus Corneas. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 202, 118-125	4.9	30
146	Multifunctional Photonic Nanomaterials for Diagnostic, Therapeutic, and Theranostic Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, 1701460	24	99
145	Laser Interference Lithography for the Nanofabrication of Stimuli-Responsive Bragg Stacks. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1702715	15.6	26
144	Reply to Water content, not stiffness, dominates Brillouin spectroscopy measurements in hydrated materials <i>Nature Methods</i> , <b>2018</b> , 15, 562-563	21.6	30
143	Millisecond cellular labelling with two-photon photoconversion. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 3067-3077	3.9	1
142	The influence of hydration on different mechanical moduli of the cornea. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 256, 1653-1660	3.8	14
141	Light-Guiding Biomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1706635	5.6	50
140	Trichogenic Photostimulation Using Monolithic Flexible Vertical AlGaInP Light-Emitting Diodes. <i>ACS Nano</i> , <b>2018</b> , 12, 9587-9595	16.7	51

139	Mapping the phase and amplitude of ossicular chain motion using sound-synchronous optical coherence vibrography. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 5489-5502	3.5	16
138	Optical coherence tomography for imaging the middle and inner ears: A technical review <b>2018</b> ,		4
137	Brillouin microscopy: assessing ocular tissue biomechanics. <i>Current Opinion in Ophthalmology</i> , <b>2018</b> , 29, 299-305	5.1	37
136	The commercialization of genome-editing technologies. <i>Critical Reviews in Biotechnology</i> , <b>2017</b> , 37, 924-932	9.4	52
135	Light in diagnosis, therapy and surgery. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	343
134	Color-selective holographic retroreflector array for sensing applications. <i>Light: Science and Applications</i> , <b>2017</b> , 6, e16214	16.7	40
133	Paper-based microfluidic system for tear electrolyte analysis. <i>Lab on A Chip</i> , <b>2017</b> , 17, 1137-1148	7.2	90
132	Glucose-Sensitive Hydrogel Optical Fibers Functionalized with Phenylboronic Acid. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606380	24	142
131	Multiplex Smartphone Diagnostics. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1546, 295-302	1.4	7
130	Luciferase-Rose Bengal conjugates for singlet oxygen generation by bioluminescence resonance energy transfer. <i>Chemical Communications</i> , <b>2017</b> , 53, 4569-4572	5.8	29
129	Photonic crystal fiber based plasmonic sensors. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 243, 311-325	8.5	190
128	Flexible Optical Waveguides for Uniform Periscleral Cross-Linking <b>2017</b> , 58, 2596-2602		20
127	Upconversion Nanoparticles/Hyaluronate-Rose Bengal Conjugate Complex for Noninvasive Photochemical Tissue Bonding. <i>ACS Nano</i> , <b>2017</b> , 11, 9979-9988	16.7	61
126	Targeting CXCR4-dependent immunosuppressive Ly6C monocytes improves antiangiogenic therapy in colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 10455-10460	11.5	67
125	Biodegradable elastic nanofibrous platforms with integrated flexible heaters for on-demand drug delivery. <i>Scientific Reports</i> , <b>2017</b> , 7, 9220	4.9	67
124	Label-free nanoscale optical metrology on myelinated axons in vivo. <i>Nature Communications</i> , <b>2017</b> , 8, 1832	17.4	18
123	Spectral reading of optical resonance-encoded cells in microfluidics. <i>Lab on A Chip</i> , <b>2017</b> , 17, 2777-2784	7.2	12
122	Electrically Tunable Scattering from Devitrified Liquid Crystal Hybrid Devices. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1600414	8.1	9

121	Toward biomaterial-based implantable photonic devices. <i>Nanophotonics</i> , <b>2017</b> , 6, 414-434	6.3	36
120	Whispering-gallery-mode emission from biological luminescent protein microcavity assemblies. <i>Optica</i> , <b>2017</b> , 4, 222-228	8.6	24
119	Biomaterial microlasers implantable in the cornea, skin, and blood. <i>Optica</i> , <b>2017</b> , 4, 1080-1085	8.6	51
118	Ly6Clo monocytes drive immunosuppression and confer resistance to anti-VEGFR2 cancer therapy. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3039-3051	15.9	87
117	Photonic hydrogel sensors. <i>Biotechnology Advances</i> , <b>2016</b> , 34, 250-71	17.8	120
116	Site-Specific In Vivo Bioorthogonal Ligation via Chemical Modulation. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2510-2516	10.1	8
115	Antimetastatic Effect by Targeting CTC Cluster-Response. <i>Cancer Research</i> , <b>2016</b> , 76, 4910	10.1	2
114	Color-Selective 2.5D Holograms on Large-Area Flexible Substrates for Sensing and Multilevel Security. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 1589-1600	8.1	38
113	Hyaluronate-Gold Nanorod/DR5 Antibody Complex for Noninvasive Theranosis of Skin Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32202-32210	9.5	29
112	Controlled Detachment of Chemically Glued Cells. <i>Bioconjugate Chemistry</i> , <b>2016</b> , 27, 2601-2604	6.3	10
111	Laser Particle Stimulated Emission Microscopy. <i>Physical Review Letters</i> , <b>2016</b> , 117, 193902	7.4	31
110	Line-scanning Brillouin microscopy for rapid non-invasive mechanical imaging. <i>Scientific Reports</i> , <b>2016</b> , 6, 35398	4.9	29
109	Morpho Butterfly-Inspired Nanostructures. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 497-504	8.1	39
108	Optical microring resonator based corrosion sensing. <i>RSC Advances</i> , <b>2016</b> , 6, 56127-56133	3.7	42
107	Selective two-photon collagen crosslinking measured by Brillouin microscopy. <i>Optica</i> , <b>2016</b> , 3, 469-472	8.6	19
106	Bioabsorbable polymer optical waveguides for deep-tissue photomedicine. <i>Nature Communications</i> , <b>2016</b> , 7, 10374	17.4	130
105	Mode-multiplexed waveguide sensor. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2016</b> , 30, 444-455		13
104	Nanotechnology in Textiles. <i>ACS Nano</i> , <b>2016</b> , 10, 3042-68	16.7	390

103	Photonic Crystal Flakes. <i>ACS Sensors</i> , <b>2016</b> , 1, 493-497	9.2	22
102	Self-adjuvanted hyaluronate--antigenic peptide conjugate for transdermal treatment of muscular dystrophy. <i>Biomaterials</i> , <b>2016</b> , 81, 93-103	15.6	18
101	Biodegradable Photonic Melanoidin for Theranostic Applications. <i>ACS Nano</i> , <b>2016</b> , 10, 822-31	16.7	58
100	In Vivo Brillouin Analysis of the Aging Crystalline Lens <b>2016</b> , 57, 5093-5100		45
99	Optical lens-microneedle array for percutaneous light delivery. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 4220-4227	3.9	33
98	Etalon filters for Brillouin microscopy of highly scattering tissues. <i>Optics Express</i> , <b>2016</b> , 24, 22232-8	3.3	20
97	Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2512-2522	15.6	43
96	Vaccines: Noninvasive Transdermal Vaccination Using Hyaluronan Nanocarriers and Laser Adjuvant (Adv. Funct. Mater. 15/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2511-2511	15.6	
95	Art on the Nanoscale and Beyond. <i>Advanced Materials</i> , <b>2016</b> , 28, 1724-42	24	28
94	High-extinction virtually imaged phased array-based Brillouin spectroscopy of turbid biological media. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 203701	3.4	32
93	Two-photon excited photoconversion of cyanine-based dyes. <i>Scientific Reports</i> , <b>2016</b> , 6, 23866	4.9	12
92	Reconfigurable optical assembly of nanostructures. <i>Nature Communications</i> , <b>2016</b> , 7, 12002	17.4	41
91	Multiwall carbon nanotube microcavity arrays. <i>Journal of Applied Physics</i> , <b>2016</b> , 119, 113105	2.5	12
90	Parametric Simulations of Slanted 1D Photonic Crystal Sensors. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 157	5	7
89	Shear Brillouin light scattering microscope. <i>Optics Express</i> , <b>2016</b> , 24, 319-28	3.3	12
88	Highly Stretchable, Strain Sensing Hydrogel Optical Fibers. <i>Advanced Materials</i> , <b>2016</b> , 28, 10244-10249	24	236
87	In vivo fluorescence microscopy: lessons from observing cell behavior in their native environment. <i>Physiology</i> , <b>2015</b> , 30, 40-9	9.8	34
86	Photonic nanosensor for colorimetric detection of metal ions. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5101-8	7.8	68

85	Carbon nanotube biconvex microcavities. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 121108	3.4	22
84	Intracellular microlasers. <i>Nature Photonics</i> , <b>2015</b> , 9, 572-576	33.9	195
83	Step-Index Optical Fiber Made of Biocompatible Hydrogels. <i>Advanced Materials</i> , <b>2015</b> , 27, 4081-6	24	128
82	Noncontact three-dimensional mapping of intracellular hydromechanical properties by Brillouin microscopy. <i>Nature Methods</i> , <b>2015</b> , 12, 1132-4	21.6	223
81	Photodynamic therapy of melanoma skin cancer using carbon dot - chlorin e6 - hyaluronate conjugate. <i>Acta Biomaterialia</i> , <b>2015</b> , 26, 295-305	10.8	82
80	Bioimaging of Hyaluronate-Interferon $\beta$ Conjugates Using a Non-Interfering Zwitterionic Fluorophore. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3054-61	6.9	18
79	Printable Nanophotonic Devices via Holographic Laser Ablation. <i>ACS Nano</i> , <b>2015</b> , 9, 9062-9	16.7	31
78	Bioart. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 724-734	15.1	17
77	Contact lens sensors in ocular diagnostics. <i>Advanced Healthcare Materials</i> , <b>2015</b> , 4, 792-810	10.1	277
76	A Simple Approach to Biological Single-Cell Lasers Via Intracellular Dyes. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1197-1200	8.1	21
75	Urokinase exerts antimetastatic effects by dissociating clusters of circulating tumor cells. <i>Cancer Research</i> , <b>2015</b> , 75, 4474-82	10.1	36
74	Cellular dye lasers: lasing thresholds and sensing in a planar resonator. <i>Optics Express</i> , <b>2015</b> , 23, 27865-79	3.3	27
73	Intravital microscopic interrogation of peripheral taste sensation. <i>Scientific Reports</i> , <b>2015</b> , 5, 8661	4.9	10
72	Bioorthogonal Click Chemistry-Based Synthetic Cell Glue. <i>Small</i> , <b>2015</b> , 11, 6458-66	11	37
71	Longitudinal Tracing of Spontaneous Regression and Anti-angiogenic Response of Individual Microadenomas during Colon Tumorigenesis. <i>Theranostics</i> , <b>2015</b> , 5, 724-32	12.1	6
70	Bioluminescence-activated deep-tissue photodynamic therapy of cancer. <i>Theranostics</i> , <b>2015</b> , 5, 805-17	12.1	48
69	Hyaluronate $\beta$ 1 peptide conjugate/epirubicin micelles for theranostic application to liver cancers. <i>RSC Advances</i> , <b>2015</b> , 5, 48615-48618	3.7	6
68	In vivo biomechanical mapping of normal and keratoconus corneas. <i>JAMA Ophthalmology</i> , <b>2015</b> , 133, 480-2	3.9	99

67	Wavelength Swept Lasers <b>2015</b> , 619-637		0
66	Chemical tumor-targeting of nanoparticles based on metabolic glycoengineering and click chemistry. <i>ACS Nano</i> , <b>2014</b> , 8, 2048-63	16.7	138
65	The potential of optofluidic biolasers. <i>Nature Methods</i> , <b>2014</b> , 11, 141-7	21.6	227
64	Nanographene oxide-hyaluronic acid conjugate for photothermal ablation therapy of skin cancer. <i>ACS Nano</i> , <b>2014</b> , 8, 260-8	16.7	171
63	Mechanism of multiple grating formation in high-energy recording of holographic sensors. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 261106	3.4	19
62	In vivo imaging of Lgr5-positive cell populations using confocal laser endomicroscopy during early colon tumorigenesis. <i>Endoscopy</i> , <b>2014</b> , 46, 1110-6	3.4	15
61	Lasing from fluorescent protein crystals. <i>Optics Express</i> , <b>2014</b> , 22, 31411-6	3.3	25
60	Bio-optimized energy transfer in densely packed fluorescent protein enables near-maximal luminescence and solid-state lasers. <i>Nature Communications</i> , <b>2014</b> , 5, 5722	17.4	69
59	Biomechanical characterization of keratoconus corneas ex vivo with Brillouin microscopy <b>2014</b> , 55, 4490-5		143
58	Numerical model of optical coherence tomographic vibrography imaging to estimate corneal biomechanical properties. <i>Journal of the Royal Society Interface</i> , <b>2014</b> , 11, 20140920	4.1	20
57	Card9 mediates intestinal epithelial cell restitution, T-helper 17 responses, and control of bacterial infection in mice. <i>Gastroenterology</i> , <b>2013</b> , 145, 591-601.e3	13.3	107
56	Simultaneous 3D imaging of sound-induced motions of the tympanic membrane and middle ear ossicles. <i>Hearing Research</i> , <b>2013</b> , 304, 49-56	3.9	40
55	Light-guiding hydrogels for cell-based sensing and optogenetic synthesis. <i>Nature Photonics</i> , <b>2013</b> , 7, 987-994	33.9	217
54	In vivo femtosecond endosurgery: an intestinal epithelial regeneration-after-injury model. <i>Optics Express</i> , <b>2013</b> , 21, 30842-8	3.3	8
53	Endoscopic time-lapse imaging of immune cells in infarcted mouse hearts. <i>Circulation Research</i> , <b>2013</b> , 112, 891-9	15.7	122
52	350-nm side-view optical probe for imaging the murine brain in vivo from the cortex to the hypothalamus. <i>Journal of Biomedical Optics</i> , <b>2013</b> , 18, 50502	3.5	14
51	Biomaterial Laser: All-Biomaterial Laser Using Vitamin and Biopolymers (Adv. Mater. 41/2013). <i>Advanced Materials</i> , <b>2013</b> , 25, 5988-5988	24	4
50	All-biomaterial laser using vitamin and biopolymers. <i>Advanced Materials</i> , <b>2013</b> , 25, 5943-7	24	81



49	On the near-wall accumulation of injectable particles in the microcirculation: smaller is not better. <i>Scientific Reports</i> , <b>2013</b> , 3, 2079	4.9	128
48	The effect of static stretch on elastin degradation in arteries. <i>PLoS ONE</i> , <b>2013</b> , 8, e81951	3.7	13
47	Brillouin microscopy of collagen crosslinking: noncontact depth-dependent analysis of corneal elastic modulus <b>2013</b> , 54, 1418-25		178
46	Transdermal delivery of hyaluronic acid -- human growth hormone conjugate. <i>Biomaterials</i> , <b>2012</b> , 33, 5947-54	15.6	89
45	Rapid tumorigenic accumulation of systemically injected platelet particles and their biodistribution. <i>Journal of Controlled Release</i> , <b>2012</b> , 158, 148-55	11.7	159
44	Bioimaging of hyaluronic acid derivatives using nanosized carbon dots. <i>Biomacromolecules</i> , <b>2012</b> , 13, 2554-61	6.9	141
43	Splicing variant of AIMP2 as an effective target against chemoresistant ovarian cancer. <i>Journal of Molecular Cell Biology</i> , <b>2012</b> , 4, 164-73	6.3	40
42	In vivo Brillouin optical microscopy of the human eye. <i>Optics Express</i> , <b>2012</b> , 20, 9197-202	3.3	134
41	Fabrication and operation of GRIN probes for in vivo fluorescence cellular imaging of internal organs in small animals. <i>Nature Protocols</i> , <b>2012</b> , 7, 1456-69	18.8	63
40	Interaction of two translational components, lysyl-tRNA synthetase and p40/37LRP, in plasma membrane promotes laminin-dependent cell migration. <i>FASEB Journal</i> , <b>2012</b> , 26, 4142-59	0.9	64
39	In vivo imaging of tracheal epithelial cells in mice during airway regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 47, 864-8	5.7	20
38	In vivo measurement of age-related stiffening in the crystalline lens by Brillouin optical microscopy. <i>Biophysical Journal</i> , <b>2011</b> , 101, 1539-45	2.9	130
37	A switchable digital microfluidic droplet dye-laser. <i>Lab on A Chip</i> , <b>2011</b> , 11, 3716-9	7.2	31
36	The $\beta$ -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> , <b>2011</b> , 10, 603-15	23.4	100
35	Multistage VIPA etalons for high-extinction parallel Brillouin spectroscopy. <i>Optics Express</i> , <b>2011</b> , 19, 10913-22	13.22	94
34	Lasing from <i>Escherichia coli</i> bacteria genetically programmed to express green fluorescent protein. <i>Optics Letters</i> , <b>2011</b> , 36, 3299-301	3	54
33	Immune recognition and rejection of allogeneic skin grafts. <i>Immunotherapy</i> , <b>2011</b> , 3, 757-70	3.8	93
32	Single-cell biological lasers. <i>Nature Photonics</i> , <b>2011</b> , 5, 406-410	33.9	248

31	FTY720 blocks egress of T cells in part by abrogation of their adhesion on the lymph node sinus. <i>Journal of Immunology</i> , <b>2011</b> , 187, 2244-51	5.3	34
30	A novel laser vaccine adjuvant increases the motility of antigen presenting cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e13776	5.7	52
29	A novel imaging approach for early detection of prostate cancer based on endogenous zinc sensing. <i>Cancer Research</i> , <b>2010</b> , 70, 6119-27	10.1	88
28	Polyplex nanomicelle promotes hydrodynamic gene introduction to skeletal muscle. <i>Journal of Controlled Release</i> , <b>2010</b> , 143, 112-9	11.7	44
27	Dynamic imaging of vocal fold oscillation with four-dimensional optical coherence tomography. <i>Laryngoscope</i> , <b>2010</b> , 120, 1354-62	3.6	28
26	Real-time FPGA processing for high-speed optical frequency domain imaging. <i>IEEE Transactions on Medical Imaging</i> , <b>2009</b> , 28, 1468-72	11.7	37
25	Fourier-domain optical coherence tomography: recent advances toward clinical utility. <i>Current Opinion in Biotechnology</i> , <b>2009</b> , 20, 111-8	11.4	84
24	Cross-axis cascading of spectral dispersion. <i>Optics Letters</i> , <b>2008</b> , 33, 2979-81	3	26
23	Confocal Brillouin microscopy for three-dimensional mechanical imaging. <i>Nature Photonics</i> , <b>2007</b> , 2, 39-43	33.9	303
22	Real-time fiber-based multi-functional spectral-domain optical coherence tomography at 1.3 microm. <i>Optics Express</i> , <b>2005</b> , 13, 3931-44	3.3	288
21	Mode locking of a wavelength-swept laser. <i>Optics Letters</i> , <b>2005</b> , 30, 2660-2	3	8
20	Ultrahigh-resolution high-speed retinal imaging using spectral-domain optical coherence tomography. <i>Optics Express</i> , <b>2004</b> , 12, 2435-47	3.3	370
19	All-fiber wavelength-tunable acoustooptic switches based on intermodal coupling in fibers. <i>Journal of Lightwave Technology</i> , <b>2002</b> , 20, 1864-1868	4	33
18	High performance fused-type mode-selective coupler using elliptical core two-mode fiber at 1550 nm. <i>IEEE Photonics Technology Letters</i> , <b>2002</b> , 14, 501-503	2.2	62
17	All-fiber add-drop wavelength-division multiplexer based on intermodal coupling. <i>IEEE Photonics Technology Letters</i> , <b>2001</b> , 13, 460-462	2.2	17
16	Dynamic erbium-doped fiber amplifier based on active gain flattening with fiber acoustooptic tunable filters. <i>IEEE Photonics Technology Letters</i> , <b>1999</b> , 11, 1229-1231	2.2	46
15	Frequency-division-multiplexed polarimetric fiber laser current-sensor array. <i>Optics Letters</i> , <b>1999</b> , 24, 1097-9	3	10
14	Long-period fiber gratings based on periodic microbends. <i>Optics Letters</i> , <b>1999</b> , 24, 1263-5	3	124

13	Actively gain-flattened erbium-doped fiber amplifier over 35 nm by using all-fiber acoustooptic tunable filters. <i>IEEE Photonics Technology Letters</i> , <b>1998</b> , 10, 790-792	2.2	81
12	A polarimetric current sensor using an orthogonally polarized dual-frequency fibre laser. <i>Measurement Science and Technology</i> , <b>1998</b> , 9, 952-959	2	17
11	Interrogation of fiber grating sensor arrays with a wavelength-swept fiber laser. <i>Optics Letters</i> , <b>1998</b> , 23, 843-5	3	159
10	All-fiber tunable comb filter with nonreciprocal transmission. <i>IEEE Photonics Technology Letters</i> , <b>1998</b> , 10, 1437-1439	2.2	9
9	All-fiber acoustooptic filter with low-polarization sensitivity and no frequency shift. <i>IEEE Photonics Technology Letters</i> , <b>1997</b> , 9, 461-463	2.2	6
8	All-fiber-optic nonreciprocal modulator. <i>Optics Letters</i> , <b>1997</b> , 22, 507-9	3	23
7	All-fiber acousto-optic tunable notch filter with electronically controllable spectral profile. <i>Optics Letters</i> , <b>1997</b> , 22, 1476-8	3	154
6	An electronically wavelength-tunable mode-locked fiber laser using an all-fiber acoustooptic tunable filter. <i>IEEE Photonics Technology Letters</i> , <b>1996</b> , 8, 1618-1620	2.2	12
5	All-fiber tunable filter and laser based on two-mode fiber. <i>Optics Letters</i> , <b>1996</b> , 21, 27-9	3	70
4	Suppression of polarization dependence in a two-mode-fiber acousto-optic device. <i>Optics Letters</i> , <b>1996</b> , 21, 908-10	3	14
3	Nonlinear strain response of two-mode fiber-optic interferometer. <i>Optics Letters</i> , <b>1996</b> , 21, 934-6	3	9
2	Polarization- and frequency-stable fiber laser for magnetic-field sensing. <i>Optics Letters</i> , <b>1996</b> , 21, 1029-33		9
1	Wavelength-encoded laser particles for massively-multiplexed cell tagging		1