

Sailing He

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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.

983
papers

27,295
citations

77
h-index

131
g-index

1,077
ext. papers

32,155
ext. citations

3.6
avg, IF

7.5
L-index

#	Paper	IF	Citations
983	Subwavelength-diameter silica wires for low-loss optical wave guiding. <i>Nature</i> , 2003 , 426, 816-9	50.4	1203
982	Ultrabroadband light absorption by a sawtooth anisotropic metamaterial slab. <i>Nano Letters</i> , 2012 , 12, 1443-7	11.5	712
981	Ultra-broadband microwave metamaterial absorber. <i>Applied Physics Letters</i> , 2012 , 100, 103506	3.4	634
980	Using 915 nm laser excited Tm ³⁺ /Er ³⁺ /Ho ³⁺ - doped NaYbF ₄ upconversion nanoparticles for in vitro and deeper in vivo bioimaging without overheating irradiation. <i>ACS Nano</i> , 2011 , 5, 3744-57	16.7	441
979	Omnidirectional, polarization-insensitive and broadband thin absorber in the terahertz regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010 , 27, 498	1.7	407
978	Plasmonic and metamaterial structures as electromagnetic absorbers. <i>Laser and Photonics Reviews</i> , 2014 , 8, 495-520	8.3	403
977	A silicon-based hybrid plasmonic waveguide with a metal cap for a nano-scale light confinement. <i>Optics Express</i> , 2009 , 17, 16646-53	3.3	391
976	Novel surface plasmon waveguide for high integration. <i>Optics Express</i> , 2005 , 13, 6645-50	3.3	386
975	Broadband high-efficiency half-wave plate: a supercell-based plasmonic metasurface approach. <i>ACS Nano</i> , 2015 , 9, 4111-9	16.7	311
974	90° polarization rotator using a bilayered chiral metamaterial with giant optical activity. <i>Applied Physics Letters</i> , 2010 , 96, 203501	3.4	311
973	Self-alignment of plasmonic gold nanorods in reconfigurable anisotropic fluids for tunable bulk metamaterial applications. <i>Nano Letters</i> , 2010 , 10, 1347-53	11.5	286
972	Surface Plasmon Bragg Gratings Formed in Metal-Insulator-Metal Waveguides. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 91-93	2.2	273
971	Ultrawideband MIMO/Diversity Antennas With a Tree-Like Structure to Enhance Wideband Isolation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1279-1282	3.8	253
970	Rapid fabrication of complex 3D extracellular microenvironments by dynamic optical projection stereolithography. <i>Advanced Materials</i> , 2012 , 24, 4266-70	24	251
969	Optical and electrical properties of efficiency enhanced polymer solar cells with Au nanoparticles in a PEDOT:PSS layer. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16349		244
968	Topological colloids. <i>Nature</i> , 2013 , 493, 200-5	50.4	236
967	Propagation of various dark hollow beams in a turbulent atmosphere. <i>Optics Express</i> , 2006 , 14, 1353-67	3.3	232

966	Assembly of silica nanowires on silica aerogels for microphotonic devices. <i>Nano Letters</i> , 2005 , 5, 259-62	11.5	221
965	A thin film broadband absorber based on multi-sized nanoantennas. <i>Applied Physics Letters</i> , 2011 , 99, 253101	3.4	220
964	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. <i>Scientific Reports</i> , 2016 , 6, 28190	4.9	198
963	Multifunctional gold nanorods with ultrahigh stability and tunability for in vivo fluorescence imaging, SERS detection, and photodynamic therapy. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1148-51	16.4	194
962	Propagation of a partially coherent twisted anisotropic Gaussian Schell-model beam in a turbulent atmosphere. <i>Applied Physics Letters</i> , 2006 , 89, 041117	3.4	183
961	Achieving high-efficiency emission depletion nanoscopy by employing cross relaxation in upconversion nanoparticles. <i>Nature Communications</i> , 2017 , 8, 1058	17.4	177
960	Polarization management for silicon photonic integrated circuits. <i>Laser and Photonics Reviews</i> , 2013 , 7, 303-328	8.3	174
959	On-chip silicon 8-channel hybrid (de)multiplexer enabling simultaneous mode- and polarization-division-multiplexing. <i>Laser and Photonics Reviews</i> , 2014 , 8, L18-L22	8.3	173
958	Quantum rod bioconjugates as targeted probes for confocal and two-photon fluorescence imaging of cancer cells. <i>Nano Letters</i> , 2007 , 7, 761-5	11.5	173
957	Fiber-taper seeded long-period grating pair as a highly sensitive refractive-index sensor. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 1247-1249	2.2	155
956	Localized surface plasmon resonance enhanced organic solar cell with gold nanospheres. <i>Applied Energy</i> , 2011 , 88, 848-852	10.7	154
955	Experimental demonstration of a multiphysics cloak: manipulating heat flux and electric current simultaneously. <i>Physical Review Letters</i> , 2014 , 113, 205501	7.4	152
954	Observation of multiphoton-induced fluorescence from graphene oxide nanoparticles and applications in in vivo functional bioimaging. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10570-5	16.4	139
953	Metallic Nanostructures as Localized Plasmon Resonance Enhanced Scattering Probes for Multiplex Dark Field Targeted Imaging of Cancer Cells. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 2676-2684	3.8	136
952	Narrow band perfect absorber for maximum localized magnetic and electric field enhancement and sensing applications. <i>Scientific Reports</i> , 2016 , 6, 24063	4.9	130
951	Photosensitizer encapsulated organically modified silica nanoparticles for direct two-photon photodynamic therapy and in vivo functional imaging. <i>Biomaterials</i> , 2012 , 33, 4851-60	15.6	130
950	Closely-Packed UWB MIMO/Diversity Antenna With Different Patterns and Polarizations for USB Dongle Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4372-4380	4.9	130
949	Biologically Inspired Polydopamine Capped Gold Nanorods for Drug Delivery and Light-Mediated Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24368-84	9.5	128

948	Mutual Coupling Reduction of Two PIFAs With a T-Shape Slot Impedance Transformer for MIMO Mobile Terminals. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1521-1531	4.9	128
947	Graphene nano-ribbon waveguides of record-small mode area and ultra-high effective refractive indices for future VLSI. <i>Optics Express</i> , 2013 , 21, 30664-73	3.3	128
946	Upconverting nanoparticles for pre-clinical diffuse optical imaging, microscopy and sensing: Current trends and future challenges. <i>Laser and Photonics Reviews</i> , 2013 , 7, 663-697	8.3	123
945	Frequency range and explicit expressions for negative permittivity and permeability for an isotropic medium formed by a lattice of perfectly conducting particles. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003 , 311, 254-263	2.3	122
944	Fluorescence-surface enhanced Raman scattering co-functionalized gold nanorods as near-infrared probes for purely optical in vivo imaging. <i>Biomaterials</i> , 2011 , 32, 1601-10	15.6	121
943	Finite-size effects of a left-handed material slab on the image quality. <i>Physical Review Letters</i> , 2004 , 92, 107404	7.4	112
942	Low-cost high-performance fiber-optic pH sensor based on thin-core fiber modal interferometer. <i>Optics Express</i> , 2009 , 17, 22296-302	3.3	111
941	A Compact Planar MIMO Antenna System of Four Elements With Similar Radiation Characteristics and Isolation Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1107-1110	3.8	108
940	Low-loss and broadband 2 \times 2 silicon thermo-optic Mach-Zehnder switch with bent directional couplers. <i>Optics Letters</i> , 2016 , 41, 836-9	3	107
939	Low-loss hybrid plasmonic waveguide with double low-index nano-slots. <i>Optics Express</i> , 2010 , 18, 17958-66	5.6	105
938	Characteristic Mode Based Tradeoff Analysis of Antenna-Chassis Interactions for Multiple Antenna Terminals. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 490-502	4.9	104
937	Giant negative Goos-Hänchen shifts for a photonic crystal with a negative effective index. <i>Optics Express</i> , 2006 , 14, 3024-9	3.3	103
936	A transient thermal cloak experimentally realized through a rescaled diffusion equation with anisotropic thermal diffusivity. <i>NPG Asia Materials</i> , 2013 , 5, e73-e73	10.3	102
935	Highly efficient nonuniform grating coupler for silicon-on-insulator nanophotonic circuits. <i>Optics Letters</i> , 2010 , 35, 1290-2	3	101
934	Ultrabroadband strong light absorption based on thin multilayered metamaterials. <i>Laser and Photonics Reviews</i> , 2014 , 8, 946-953	8.3	100
933	Imaging pancreatic cancer using surface-functionalized quantum dots. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 6969-72	3.4	99
932	Polarization beam splitter based on a two-dimensional photonic crystal of pillar type. <i>Applied Physics Letters</i> , 2006 , 89, 171115	3.4	95
931	Thermally tunable silicon photonic microdisk resonator with transparent graphene nanoheaters. <i>Optica</i> , 2016 , 3, 159	8.6	93

930	Optical fiber relative humidity sensor based on FBG incorporated thin-core fiber modal interferometer. <i>Optics Express</i> , 2011 , 19, 4140-6	3.3	92
929	Fluorescence quenching of quantum dots by gold nanorods and its application to DNA detection. <i>Applied Physics Letters</i> , 2009 , 94, 063111	3.4	92
928	Average intensity and spreading of an elliptical gaussian beam propagating in a turbulent atmosphere. <i>Optics Letters</i> , 2006 , 31, 568-70	3	92
927	Broadband THz Absorbers With Graphene-Based Anisotropic Metamaterial Films. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013 , 3, 757-763	3.4	91
926	Numerical method for computing defect modes in two-dimensional photonic crystals with dielectric or metallic inclusions. <i>Physical Review B</i> , 2000 , 61, 12871-12876	3.3	90
925	High-order non-linear optical effects in organic luminogens with aggregation-induced emission. <i>Advanced Materials</i> , 2015 , 27, 2332-9	24	89
924	Biocompatible and photostable AIE dots with red emission for in vivo two-photon bioimaging. <i>Scientific Reports</i> , 2014 , 4, 4279	4.9	89
923	Ultracompact low-loss coupler between strip and slot waveguides. <i>Optics Letters</i> , 2009 , 34, 1498-500	3	88
922	A nonorthogonal finite-difference time-domain method for computing the band structure of a two-dimensional photonic crystal with dielectric and metallic inclusions. <i>Journal of Applied Physics</i> , 2000 , 87, 8268-8275	2.5	88
921	A compact ultra-wideband slot antenna with multiple notch frequency bands. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 3056-3060	1.2	87
920	Stable and Size-Tunable Aggregation-Induced Emission Nanoparticles Encapsulated with Nanographene Oxide and Applications in Three-Photon Fluorescence Bioimaging. <i>ACS Nano</i> , 2016 , 10, 588-97	16.7	86
919	Monolithically integrated 64-channel silicon hybrid demultiplexer enabling simultaneous wavelength- and mode-division-multiplexing. <i>Laser and Photonics Reviews</i> , 2015 , 9, 339-344	8.3	86
918	Aggregation-enhanced fluorescence in PEGylated phospholipid nanomicelles for in vivo imaging. <i>Biomaterials</i> , 2011 , 32, 5880-8	15.6	86
917	Influence of the surface termination to the point imaging by a photonic crystal slab with negative refraction. <i>Applied Physics Letters</i> , 2004 , 85, 4269	3.4	85
916	Design of two-dimensional photonic crystals with large absolute band gaps using a genetic algorithm. <i>Physical Review B</i> , 2003 , 68,	3.3	85
915	SILICON MULTIMODE PHOTONIC INTEGRATED DEVICES FOR ON-CHIP MODE-DIVISION-MULTIPLEXED OPTICAL INTERCONNECTS. <i>Progress in Electromagnetics Research</i> , 2013 , 143, 773-819	3.8	84
914	Fiber-Optic High-Temperature Sensor Based on Thin-Core Fiber Modal Interferometer. <i>IEEE Sensors Journal</i> , 2010 , 10, 1415-1418	4	84
913	A study of mesoporous silica-encapsulated gold nanorods as enhanced light scattering probes for cancer cell imaging. <i>Nanotechnology</i> , 2010 , 21, 055704	3.4	83

912	Photonic crystal slot nanobeam slow light waveguides for refractive index sensing. <i>Applied Physics Letters</i> , 2010 , 97, 151105	3.4	83
911	Ultrathin and lightweight microwave absorbers made of mu-near-zero metamaterials. <i>Scientific Reports</i> , 2013 , 3, 2083	4.9	82
910	Band structure for a one-dimensional photonic crystal containing left-handed materials. <i>Physical Review B</i> , 2003 , 67,	3.3	81
909	Focusing by a slab of chiral medium. <i>Optics Express</i> , 2005 , 13, 4974-9	3.3	80
908	A quantitative study on detection and estimation of weak signals by using chaotic Duffing oscillators. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 945-953		78
907	Sandwiched long-period gratings for simultaneous measurement of refractive index and temperature. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 2397-2399	2.2	77
906	Large complete band gap in two-dimensional photonic crystals with elliptic air holes. <i>Physical Review B</i> , 1999 , 60, 10610-10612	3.3	77
905	Design and fabrication of ultra-small overlapped AWG demultiplexer based on -Si nanowire waveguides. <i>Electronics Letters</i> , 2006 , 42, 400	1.1	76
904	Enhanced Near-Field Thermal Radiation Based on Multilayer Graphene-hBN Heterostructures. <i>ACS Photonics</i> , 2017 , 4, 971-978	6.3	74
903	Reducing Mutual Coupling for an Extremely Closely-Packed Tunable Dual-Element PIFA Array Through a Resonant Slot Antenna Formed In-Between. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 2771-2776	4.9	74
902	Propagation of hollow Gaussian beams through apertured paraxial optical systems. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006 , 23, 1410-8	1.8	74
901	Backward wave region and negative material parameters of a structure formed by lattices of wires and split-ring resonators. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2582-2591	4.9	71
900	Gain enhancement in a hybrid plasmonic nano-waveguide with a low-index or high-index gain medium. <i>Optics Express</i> , 2011 , 19, 12925-36	3.3	70
899	Channel-spacing-tunable multi-wavelength fiber ring laser with hybrid Raman and Erbium-doped fiber gains. <i>Optics Express</i> , 2007 , 15, 930-5	3.3	70
898	Three-photon luminescence of gold nanorods and its applications for high contrast tissue and deep in vivo brain imaging. <i>Theranostics</i> , 2015 , 5, 251-66	12.1	68
897	High-Resolution Strain and Temperature Sensor Based on Distributed Bragg Reflector Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 1598-1600	2.2	68
896	Optical field enhancement in nanoscale slot waveguides of hyperbolic metamaterials. <i>Optics Letters</i> , 2012 , 37, 2907-9	3	67
895	Proposal for a Grating Waveguide Serving as Both a Polarization Splitter and an Efficient Coupler for Silicon-on-Insulator Nanophotonic Circuits. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 242-244	2.2	65

894	Optical manipulation of shape-morphing elastomeric liquid crystal microparticles doped with gold nanocrystals. <i>Applied Physics Letters</i> , 2012 , 100, 241901	3.4	64
893	Decoupling of Multiple Antennas in Terminals With Chassis Excitation Using Polarization Diversity, Angle Diversity and Current Control. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 5947-5957	4.9	64
892	A Simple Compact Reconfigurable Slot Antenna With a Very Wide Tuning Range. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 3725-3728	4.9	64
891	Observing of the super-Planckian near-field thermal radiation between graphene sheets. <i>Nature Communications</i> , 2018 , 9, 4033	17.4	64
890	Two-Dimensional Transition Metal Dichalcogenide Enhanced Phase-Sensitive Plasmonic Biosensors: Theoretical Insight. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 6282-6289	3.8	63
889	Wave splitting of the telegraph equation in R ³ and its application to inverse scattering. <i>Inverse Problems</i> , 1993 , 9, 789-812	2.3	63
888	Focusing properties of a photonic crystal slab with negative refraction. <i>Physical Review B</i> , 2004 , 70,	3.3	62
887	An open-cavity Fabry-Perot interferometer with PVA coating for simultaneous measurement of relative humidity and temperature. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 50-56	8.5	61
886	Adaptive Quad-Element Multi-Wideband Antenna Array for User-Effective LTE MIMO Mobile Terminals. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4275-4283	4.9	61
885	Compact Substrate Integrated Waveguide (SIW) Bandpass Filter With Complementary Split-Ring Resonators (CSRRs). <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 426-428	2.6	61
884	Enhancing fluorescence of quantum dots by silica-coated gold nanorods under one- and two-photon excitation. <i>Optics Express</i> , 2010 , 18, 11335-46	3.3	61
883	Revealing the truth about 'trapped rainbow' storage of light in metamaterials. <i>Scientific Reports</i> , 2012 , 2, 583	4.9	61
882	Raman reporter-coated gold nanorods and their applications in multimodal optical imaging of cancer cells. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2793-800	4.4	60
881	Tens of thousands-fold upconversion luminescence enhancement induced by a single gold nanorod. <i>Laser and Photonics Reviews</i> , 2015 , 9, 479-487	8.3	59
880	Enhancing extraordinary transmission of light through a metallic nanoslit with a nanocavity antenna. <i>Optics Letters</i> , 2009 , 34, 16-8	3	59
879	Optimal design of a two-dimensional photonic crystal of square lattice with a large complete two-dimensional bandgap. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000 , 17, 1027	1.7	59
878	Implementation and Characterization of Liquid-Level Sensor Based on a Long-Period Fiber Grating Mach-Zehnder Interferometer. <i>IEEE Sensors Journal</i> , 2011 , 11, 2878-2882	4	58
877	Multiple fiber Bragg grating interrogation based on a spectrum-limited Fourier domain mode-locking fiber laser. <i>Optics Letters</i> , 2008 , 33, 1395-7	3	58

876	Lithography-free, broadband, omnidirectional, and polarization-insensitive thin optical absorber. <i>Applied Physics Letters</i> , 2015 , 106, 061108	3-4	57
875	Plasmonic complex fluids of nematiclike and helicoidal self-assemblies of gold nanorods with a negative order parameter. <i>Physical Review Letters</i> , 2012 , 109, 088301	7-4	57
874	Sub-fh2 power splitters by using silicon hybrid plasmonic waveguides. <i>Optics Express</i> , 2011 , 19, 838-47	3-3	57
873	Silicon hybrid plasmonic submicron-donut resonator with pure dielectric access waveguides. <i>Optics Express</i> , 2011 , 19, 23671-82	3-3	57
872	Reduction of the Envelope Correlation Coefficient With Improved Total Efficiency for Mobile LTE MIMO Antenna Arrays: Mutual Scattering Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 3280-3291	4-9	56
871	Bio-molecule-conjugated fluorescent organically modified silica nanoparticles as optical probes for cancer cell imaging. <i>Optics Express</i> , 2008 , 16, 19568-78	3-3	56
870	Three-dimensional magnetic cloak working from d.c. to 250 kHz. <i>Nature Communications</i> , 2015 , 6, 8931	17.4	54
869	Optimization of optical excitation of upconversion nanoparticles for rapid microscopy and deeper tissue imaging with higher quantum yield. <i>Theranostics</i> , 2013 , 3, 306-16	12.1	54
868	Enhancing and suppressing radiation with some permeability-near-zero structures. <i>Optics Express</i> , 2010 , 18, 16587-93	3-3	54
867	Fabrication and Characterization of Small Optical Ridge Waveguides Based on SU-8 Polymer. <i>Journal of Lightwave Technology</i> , 2009 , 27, 4091-4096	4	54
866	Novel Knob-integrated fiber Bragg grating sensor with polyvinyl alcohol coating for simultaneous relative humidity and temperature measurement. <i>Optics Express</i> , 2015 , 23, 15624-34	3-3	53
865	Highly sensitive bending sensor based on Er ³⁺ -doped DBR fiber laser. <i>Optics Express</i> , 2010 , 18, 17834-40	3-3	53
864	InGaAs PIN photodetectors integrated on silicon-on-insulator waveguides. <i>Optics Express</i> , 2010 , 18, 1756-61	3-3	53
863	Improved Flexible Transparent Conductive Electrodes based on Silver Nanowire Networks by a Simple Sunlight Illumination Approach. <i>Scientific Reports</i> , 2017 , 7, 42052	4-9	52
862	Simultaneous Measurement of Refractive Index and Temperature by Using Dual Long-Period Gratings With an Etching Process. <i>IEEE Sensors Journal</i> , 2007 , 7, 1360-1361	4	52
861	Multimode interference effect in plasmonic subwavelength waveguides and an ultra-compact power splitter. <i>Optics Communications</i> , 2007 , 278, 199-203	2	52
860	Functionalized near-infrared quantum dots for in vivo tumor vasculature imaging. <i>Nanotechnology</i> , 2010 , 21, 145105	3-4	51
859	Proposal for an Ultracompact Polarization-Beam Splitter Based on a Photonic-Crystal-Assisted Multimode Interference Coupler. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 825-827	2.2	51

858	Stable and uniform multi-wavelength fiber laser based on hybrid Raman and Erbium-doped fiber gains. <i>Optics Express</i> , 2006 , 14, 10522-7	3-3	51
857	Estimation of amplitude and phase of a weak signal by using the property of sensitive dependence on initial conditions of a nonlinear oscillator. <i>Signal Processing</i> , 2002 , 82, 103-115	4-4	51
856	High-directivity patch antenna with both photonic bandgap substrate and photonic bandgap cover. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 41-44	1-2	51
855	Arbitrarily thin metamaterial structure for perfect absorption and giant magnification. <i>Optics Express</i> , 2011 , 19, 11114-9	3-3	49
854	Localized surface plasmon resonance (LSPR) of polyelectrolyte-functionalized gold-nanoparticles for bio-sensing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 332, 172-179	5-1	49
853	An optimization approach to two-dimensional time domain electromagnetic inverse problems. <i>Radio Science</i> , 2000 , 35, 525-536	1-4	49
852	LIGHT ABSORBER WITH AN ULTRA-BROAD FLAT BAND BASED ON MULTI-SIZED SLOW-WAVE HYPERBOLIC METAMATERIAL THIN-FILMS (Invited Paper). <i>Progress in Electromagnetics Research</i> , 2014 , 147, 69-79	3-8	48
851	SAR Study of Different MIMO Antenna Designs for LTE Application in Smart Mobile Handsets. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 3270-3279	4-9	48
850	Optical Refractive-Index Sensor Based on Dual Fiber-Bragg Gratings Interposed With a Multimode-Fiber Taper. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 30-32	2-2	48
849	Black silicon with controllable macropore array for enhanced photoelectrochemical performance. <i>Applied Physics Letters</i> , 2012 , 101, 111901	3-4	47
848	Polarization beam splitters based on a two-dimensional photonic crystal of negative refraction. <i>Optics Letters</i> , 2005 , 30, 2152-4	3	47
847	Slow propagation of electromagnetic waves in a dielectric slab waveguide with a left-handed material substrate. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 96-98	2-6	47
846	On unusual narrow transmission bands for a multi-layered periodic structure containing left-handed materials. <i>Optics Express</i> , 2003 , 11, 1283-90	3-3	47
845	Aggregation-Induced Emission Nanoparticles Encapsulated with PEGylated Nano Graphene Oxide and Their Applications in Two-Photon Fluorescence Bioimaging and Photodynamic Therapy in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25037-25046	9-5	46
844	Colloidal mesoporous silica nanoparticles with protoporphyrin IX encapsulated for photodynamic therapy. <i>Journal of Biomedical Optics</i> , 2009 , 14, 014012	3-5	46
843	Nanoscale metamaterial optical waveguides with ultrahigh refractive indices. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012 , 29, 2559	1-7	45
842	First experimental demonstration of an isotropic electromagnetic cloak with strict conformal mapping. <i>Scientific Reports</i> , 2013 , 3, 2182	4-9	45
841	A time-harmonic Green's function technique and wave propagation in a stratified nonreciprocal chiral slab with multiple discontinuities. <i>Journal of Mathematical Physics</i> , 1992 , 33, 4103-4110	1-2	45

840	Printed MIMO antenna system of four closely-spaced elements with large bandwidth and high isolation. <i>Electronics Letters</i> , 2010 , 46, 1052	1.1	44
839	Dual-Wavelength Single-Longitudinal-Mode Polarization-Maintaining Fiber Laser and Its Application in Microwave Generation. <i>Journal of Lightwave Technology</i> , 2009 , 27, 4455-4459	4	44
838	Dynamic control of collapse in a vortex Airy beam. <i>Scientific Reports</i> , 2013 , 3, 1406	4.9	43
837	Shortened Polarization Beam Splitters With Two Cascaded Multimode Interference Sections. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1538-1540	2.2	43
836	Identification of dipole sources in a bounded domain for Maxwell's equations. <i>Wave Motion</i> , 1998 , 28, 25-40	1.8	43
835	Dual-wavelength single-longitudinal-mode erbium-doped fibre laser based on fibre Bragg grating pair and its application in microwave signal generation. <i>Electronics Letters</i> , 2008 , 44, 459	1.1	43
834	Reduced interhemispheric functional connectivity of children with autism spectrum disorder: evidence from functional near infrared spectroscopy studies. <i>Biomedical Optics Express</i> , 2014 , 5, 1262-74	3.5	42
833	Local and nonlocal optically induced transparency effects in graphene-silicon hybrid nanophotonic integrated circuits. <i>ACS Nano</i> , 2014 , 8, 11386-93	16.7	42
832	Nonlocal effects in a hybrid plasmonic waveguide for nanoscale confinement. <i>Optics Express</i> , 2013 , 21, 1430-9	3.3	42
831	Dispersion engineering of a silicon-nanocrystal-based slot waveguide for broadband wavelength conversion. <i>Applied Optics</i> , 2011 , 50, 1260-5	0.2	42
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829	Graphene-based transparent flexible heat conductor for thermally tuning nanophotonic integrated devices. <i>Applied Physics Letters</i> , 2014 , 105, 251104	3.4	41
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