

Peng Xi

List of Publications by Year in descending order

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177
papers

5,777
citations

136740

32
h-index

79541

73
g-index

184
all docs

184
docs citations

184
times ranked

6891
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable lifetime multiplexing using luminescent nanocrystals. <i>Nature Photonics</i> , 2014, 8, 32-36.	15.6	652
2	Amplified stimulated emission in upconversion nanoparticles for super-resolution nanoscopy. <i>Nature</i> , 2017, 543, 229-233.	13.7	643
3	Single-nanocrystal sensitivity achieved by enhanced upconversion luminescence. <i>Nature Nanotechnology</i> , 2013, 8, 729-734.	15.6	569
4	Fast, long-term, super-resolution imaging with Hessian structured illumination microscopy. <i>Nature Biotechnology</i> , 2018, 36, 451-459.	9.4	411
5	RGD-Conjugated Dendrimer-Modified Gold Nanorods for <i>in Vivo</i> Tumor Targeting and Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2010, 7, 94-104.	2.3	294
6	Nanoparticles for super-resolution microscopy and single-molecule tracking. <i>Nature Methods</i> , 2018, 15, 415-423.	9.0	208
7	Structured Illumination Microscopy Image Reconstruction Algorithm. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 50-63.	1.9	161
8	Super-resolution deep imaging with hollow Bessel beam STED microscopy. <i>Laser and Photonics Reviews</i> , 2016, 10, 147-152.	4.4	151
9	Multi-photon near-infrared emission saturation nanoscopy using upconversion nanoparticles. <i>Nature Communications</i> , 2018, 9, 3290.	5.8	136
10	Iterative tomography with digital adaptive optics permits hour-long intravital observation of 3D subcellular dynamics at millisecond scale. <i>Cell</i> , 2021, 184, 3318-3332.e17.	13.5	115
11	Human telomerase reverse transcriptase regulates MMP expression independently of telomerase activity <i>via</i> NF- κ B-dependent transcription. <i>FASEB Journal</i> , 2013, 27, 4375-4383.	0.2	114
12	Super-resolution dipole orientation mapping via polarization demodulation. <i>Light: Science and Applications</i> , 2016, 5, e16166-e16166.	7.7	93
13	Development of a Reversibly Switchable Fluorescent Protein for Super-Resolution Optical Fluctuation Imaging (SOFI). <i>ACS Nano</i> , 2015, 9, 2659-2667.	7.3	91
14	Super-resolution imaging of fluorescent dipoles via polarized structured illumination microscopy. <i>Nature Communications</i> , 2019, 10, 4694.	5.8	88
15	Complex vectorial optics through gradient index lens cascades. <i>Nature Communications</i> , 2019, 10, 4264.	5.8	79
16	Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy. <i>Advanced Materials</i> , 2017, 29, 1604850.	11.1	78
17	Mitochondrial dynamics quantitatively revealed by STED nanoscopy with an enhanced squaraine variant probe. <i>Nature Communications</i> , 2020, 11, 3699.	5.8	78
18	Greater signal, increased depth, and less photobleaching in two-photon microscopy with 10fs pulses. <i>Optics Communications</i> , 2008, 281, 1841-1849.	1.0	76

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19	Mirror-enhanced super-resolution microscopy. <i>Light: Science and Applications</i> , 2016, 5, e16134-e16134.	7.7	74
20	Multicolor Super-resolution Fluorescence Microscopy with Blue and Carmine Small Photoblinking Polymer Dots. <i>ACS Nano</i> , 2017, 11, 8084-8091.	7.3	74
21	Depth-resolved fluorescence spectroscopy reveals layered structure of tissue. <i>Optics Express</i> , 2004, 12, 3218.	1.7	64
22	High-dimensional super-resolution imaging reveals heterogeneity and dynamics of subcellular lipid membranes. <i>Nature Communications</i> , 2020, 11, 5890.	5.8	56
23	Depth-resolved fluorescence spectroscopy of normal and dysplastic cervical tissue. <i>Optics Express</i> , 2005, 13, 382.	1.7	55
24	Two-photon imaging using adaptive phase compensated ultrashort laser pulses. <i>Journal of Biomedical Optics</i> , 2009, 14, 014002.	1.4	55
25	Symmetric and Asymmetric Meniscus Collapse in Wetting Transition on Submerged Structured Surfaces. <i>Langmuir</i> , 2015, 31, 1248-1254.	1.6	55
26	Fast Super-Resolution Imaging with Ultra-High Labeling Density Achieved by Joint Tagging Super-Resolution Optical Fluctuation Imaging. <i>Scientific Reports</i> , 2015, 5, 8359.	1.6	55
27	Versatile Application of Fluorescent Quantum Dot Labels in Super-resolution Fluorescence Microscopy. <i>ACS Photonics</i> , 2016, 3, 1611-1618.	3.2	52
28	Generation of near-field hexagonal array illumination with a phase grating. <i>Optics Letters</i> , 2002, 27, 228.	1.7	45
29	Arginine-Glycine-Aspartic Acid-Conjugated Dendrimer-Modified Quantum Dots for Targeting and Imaging Melanoma. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 4859-4867.	0.9	39
30	Sub-diffraction imaging of nitrogen-vacancy centers in diamond by stimulated emission depletion and structured illumination. <i>RSC Advances</i> , 2014, 4, 11305.	1.7	39
31	Structured illumination microscopy using digital micro-mirror device and coherent light source. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	39
32	DDRCK1 Regulates NF- κ B Activity by Modulating I κ B α Stability. <i>PLoS ONE</i> , 2013, 8, e64231.	1.1	38
33	Study of RNA Polymerase II Clustering inside Live-Cell Nuclei Using Bayesian Nanoscopy. <i>ACS Nano</i> , 2016, 10, 2447-2454.	7.3	38
34	Achieving $\lambda/10$ Resolution CW STED Nanoscopy with a Ti:Sapphire Oscillator. <i>PLoS ONE</i> , 2012, 7, e40003.	1.1	37
35	The synthesis of diphenyl carbonate from dimethyl carbonate and phenol over mesoporous MoO ₃ /SiMCM-41. <i>Journal of Molecular Catalysis A</i> , 2008, 289, 100-105.	4.8	31
36	Synthesis, characterization, and thermal energy storage properties of a novel thermoplastic polyurethane phase change material. <i>Materials Letters</i> , 2014, 121, 15-18.	1.3	29

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37	Three-dimensional multimodal sub-diffraction imaging with spinning-disk confocal microscopy using blinking/fluctuating probes. <i>Nano Research</i> , 2015, 8, 2251-2260.	5.8	29
38	Two-photon MINFLUX with doubled localization precision. <i>ELight</i> , 2022, 2, .	11.9	28
39	Two-photon light-sheet nanoscopy by fluorescence fluctuation correlation analysis. <i>Nanoscale</i> , 2016, 8, 9982-9987.	2.8	27
40	Morphologies and Properties of PET Nano Porous Luminescence Fiber: Oil Absorption and Fluorescence-Indicating Functions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2828-2836.	4.0	27
41	A Frequency Domain SIM Reconstruction Algorithm Using Reduced Number of Images. <i>IEEE Transactions on Image Processing</i> , 2018, 27, 4555-4570.	6.0	27
42	Time-Gated Orthogonal Scanning Automated Microscopy (OSAM) for High-speed Cell Detection and Analysis. <i>Scientific Reports</i> , 2012, 2, 837.	1.6	25
43	A mode generator and multiplexer at visible wavelength based on all-fiber mode selective coupler. <i>Nanophotonics</i> , 2020, 9, 973-981.	2.9	25
44	The design and construction of a cost-efficient confocal laser scanning microscope. <i>American Journal of Physics</i> , 2007, 75, 203-207.	0.3	24
45	Developing novel methods to image and visualize 3D genomes. <i>Cell Biology and Toxicology</i> , 2018, 34, 367-380.	2.4	24
46	Use of high-resolution full-field optical coherence tomography and dynamic cell imaging for rapid intraoperative diagnosis during breast cancer surgery. <i>Cancer</i> , 2020, 126, 3847-3856.	2.0	23
47	Advances of super-resolution fluorescence polarization microscopy and its applications in life sciences. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2209-2216.	1.9	22
48	Multifunctional double-layered diffractive optical element. <i>Optics Letters</i> , 2003, 28, 1513.	1.7	20
49	Analytical description of high-aperture STED resolution with 0° vortex phase modulation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2013, 30, 1640.	0.8	20
50	The influence of stachydrine hydrochloride on the reperfusion model of mice with repetitive cerebral ischemia. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 658-663.	1.8	20
51	Novel method for ultrashort laser pulse-width measurement based on the self-diffraction effect. <i>Optics Express</i> , 2002, 10, 1099.	1.7	19
52	Super-resolution fluorescence polarization microscopy. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 11, 1730002.	0.5	19
53	Hacking the optical diffraction limit: Review on recent developments of fluorescence nanoscopy. <i>Science Bulletin</i> , 2011, 56, 1857-1876.	1.7	18
54	Polarization-based super-resolution imaging of surface-enhanced Raman scattering nanoparticles with orientational information. <i>Nanoscale</i> , 2018, 10, 19757-19765.	2.8	17

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55	Evaluation of spectrometric parameters in spectral-domain optical coherence tomography. <i>Applied Optics</i> , 2011, 50, 366.	2.1	16
56	Computational methods in super-resolution microscopy. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017, 18, 1222-1235.	1.5	16
57	Construction of Molecular Model and Adsorption of Collectors on Bulianta Coal. <i>Molecules</i> , 2020, 25, 4030.	1.7	16
58	The effect of PPAR γ gene polymorphisms on the risk of coronary heart disease: a meta-analysis. <i>Molecular Biology Reports</i> , 2013, 40, 875-884.	1.0	15
59	Biocompatible hyaluronic acid polymer-coated quantum dots for CD44+ cancer cell-targeted imaging. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	15
60	Organic Nanoparticles-Assisted Low-Power STED Nanoscopy. <i>Nano Letters</i> , 2021, 21, 3487-3494.	4.5	15
61	Frequency-domain diagonal extension imaging. <i>Advanced Photonics</i> , 2020, 2, 1.	6.2	14
62	Polarization modulation with optical lock-in detection reveals universal fluorescence anisotropy of subcellular structures in live cells. <i>Light: Science and Applications</i> , 2022, 11, 4.	7.7	14
63	Serine/threonine-protein phosphatase 2A physically interacts with human telomerase reverse transcriptase hTERT and regulates its subcellular distribution. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 409-417.	1.2	13
64	Stimulated emission depletion microscopy for biological imaging in four dimensions: A review. <i>Microscopy Research and Technique</i> , 2021, 84, 1947-1958.	1.2	13
65	Axial localization and tracking of self-interference nanoparticles by lateral point spread functions. <i>Nature Communications</i> , 2021, 12, 2019.	5.8	13
66	Laser oblique scanning optical microscopy (LOSOM) for phase relief imaging. <i>Optics Express</i> , 2012, 20, 14100.	1.7	12
67	Number of phase levels of a Talbot array illuminator. <i>Applied Optics</i> , 2001, 40, 607.	2.1	10
68	Origin and effect of high-order dispersion in ultrashort pulse multiphoton microscopy in the 10 fs regime. <i>Applied Optics</i> , 2010, 49, 6703.	2.1	10
69	Plasmonics meets super-resolution microscopy in biology. <i>Micron</i> , 2020, 137, 102916.	1.1	10
70	Developing bioimaging and quantitative methods to study 3D genome. <i>Quantitative Biology</i> , 2016, 4, 129-147.	0.3	9
71	The temporal Fresnel diffractive field of a grating illuminated by an ultrashort pulsed-laser beam. <i>Journal of Optics</i> , 2001, 3, 159-163.	1.5	8
72	Software controlling algorithms for the system performance optimization of confocal laser scanning microscope. <i>Biomedical Signal Processing and Control</i> , 2010, 5, 223-228.	3.5	8

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73	é”æ”jæj€â...%oçš,,è°æ³çç> ,ä½å. ©å©žçŽ°20åfç±³å©žé™...å...%oç°çš,,æ—¶å»¶¶æš—åš”è;¥åµ. Chinese Optics Letters, 2010, 8, 93.		
74	CRAFT: Multimodality confocal skin imaging for early cancer diagnosis. Journal of Biophotonics, 2012, 5, 469-476.	1.1	8
75	Advances in three-dimensional super-resolution nanoscopy. Microscopy Research and Technique, 2016, 79, 893-898.	1.2	8
76	Synthesis and characterization of bright green terbium coordination complex derived from 1,4-bis(carbonylmethyl)terephthalate: Structure and luminescence properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 190, 68-75.	2.0	8
77	Enhanced reconstruction of structured illumination microscopy on a polarized specimen. Optics Express, 2020, 28, 25642.	1.7	8
78	Near-field detection of the quality of high-density gratings with nanotechnology. , 2003, , .		7
79	Research on the Effect of Carbon Defects on the Hydrophilicity of Coal Pyrite Surface from the Insight of Quantum Chemistry. Molecules, 2019, 24, 2285.	1.7	7
80	Design, experiment and adsorption mechanism analysis of bionic sucker based on octopus sucker. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 1250-1261.	1.0	7
81	Study on the Crystal Structure of Coal Kaolinite and Non-Coal Kaolinite: Insights from Experiments and DFT Simulations. Symmetry, 2020, 12, 1125.	1.1	7
82	The role of mast cells in non-ablative laser resurfacing with 1,320Ånm neodymium:yttriumâ€“aluminiumâ€“garnet laser. Lasers in Medical Science, 2010, 25, 371-377.	1.0	6
83	Dual-channel spectral-domain optical-coherence tomography system based on 3 Å— 3 fiber coupler for extended imaging range. Applied Optics, 2014, 53, 5375.	0.9	6
84	Group-Sparsity-Based Super-Resolution Dipole Orientation Mapping. IEEE Transactions on Medical Imaging, 2019, 38, 2687-2694.	5.4	6
85	MUTE-SIM: multiphoton up-conversion time-encoded structured illumination microscopy. OSA Continuum, 2020, 3, 594.	1.8	6
86	Phase-contrast hexagonal array illumination. Optics Communications, 2001, 192, 193-197.	1.0	5
87	Complexity reduction in compressive sensing using Hirschman uncertainty structured random matrices. , 2014, , .		5
88	Superior performance with sCMOS over EMCCD in super-resolution optical fluctuation imaging. Journal of Biomedical Optics, 2016, 21, 066007.	1.4	5
89	Effect of Total Alkali in Leonuri Herba on rat ear acne model of serum IL-6 level, Thymus and Spleen Tissue Morphology. Saudi Journal of Biological Sciences, 2017, 24, 718-723.	1.8	5
90	Joint tagging assisted fluctuation nanoscopy enables fast high-density super-resolution imaging. Journal of Biophotonics, 2018, 11, e201800020.	1.1	5

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91	Effect of nano-silver hydrogel coating film on deep partial thickness scald model of rabbit. Saudi Journal of Biological Sciences, 2018, 25, 797-800.	1.8	5
92	Structure and Properties of PET Nano-porous Luminescence Fibers for Fluorescence-indicating to Acid Gases. Macromolecular Materials and Engineering, 2019, 304, 1900467.	1.7	5
93	The MEDEA FAR-EAST Study: Conceptual framework, methods and first findings of a multicenter cross-sectional observational study. BMC Emergency Medicine, 2019, 19, 31.	0.7	5
94	Axially overlapped multi-focus light sheet with enlarged field of view. Applied Physics Letters, 2021, 118, 223701.	1.5	5
95	The largest isoform of Ankyrin-G is required for lattice structure of the axon initial segment. Biochemical and Biophysical Research Communications, 2021, 578, 28-34.	1.0	5
96	Observation of mesenteric microcirculatory disturbance in rat by laser oblique scanning optical microscopy. Scientific Reports, 2013, 3, 1762.	1.6	4
97	DFT Study into the Influence of Carbon Material on the Hydrophobicity of a Coal Pyrite Surface. Molecules, 2019, 24, 3534.	1.7	4
98	Research on the Hydrophilicity of Non-Coal Kaolinite and Coal Kaolinite from the Viewpoint of Experiments and DFT Simulations. Symmetry, 2020, 12, 1199.	1.1	4
99	Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment. Optics Letters, 2022, 47, 325.	1.7	4
100	Number of phase levels in a two-dimensional separable Talbot array illuminator. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 103.	0.8	3
101	Comparative analysis of Zernike aberrations generation with deformable mirrors for ocular adaptive optics. Journal of Modern Optics, 2009, 56, 1741-1746.	0.6	3
102	Scanning and Image Reconstruction Techniques in Confocal Laser Scanning Microscopy. , 0, , .		3
103	Systematic design of a cross-polarized dermoscope for visual inspection and digital imaging. IEEE Instrumentation and Measurement Magazine, 2011, 14, 26-31.	1.2	3
104	Schlieren confocal microscopy for phase-relief imaging. Optics Letters, 2014, 39, 1238.	1.7	3
105	Hardware implementation of a series of transform matrices based on discrete hirschman transform. , 2016, , .		3
106	A frequency domain reconstruction of SIM image using four raw images. , 2016, , .		3
107	Semiconductor Polymer Dots: Small Photoblinking Semiconductor Polymer Dots for Fluorescence Nanoscopy (Adv. Mater. 5/2017). Advanced Materials, 2017, 29, .	11.1	3
108	Synthesis and properties of multi-layer core-shell Tb(BAO)3(NO3)2@SiO2@(PSPEA-PMMA) microsphere with photoluminescence and photochromic functions. Dyes and Pigments, 2021, 195, 109654.	2.0	3

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109	<title>Fuzzy control method for lateral control of autonomous land vehicle</title>. , 1995, , .		3
110	Shedding light on biology and healthcare”preface to the special issue on Biomedical Optics. Light: Science and Applications, 2022, 11, .	7.7	3
111	Etching quartz with inductively coupled plasma etching equipment. , 2003, , .		2
112	A Study of SCR concept in SDP for the guaranteed QoS. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
113	Design of a real-time portable confocal scanning laser microscope. , 2012, , .		2
114	Problem-driven learning on two continents: Lessons in pedagogic innovation across cultural divides. , 2012, , .		2
115	Optimal design apply to orthogonal test in piston with bionic groove. , 2014, , .		2
116	Hundred”thousand light holes push nanoscopy to go parallel. Microscopy Research and Technique, 2015, 78, 8-10.	1.2	2
117	Glucose increases the length and spacing of the lattice structure of the axon initial segment. Microscopy Research and Technique, 2022, , .	1.2	2
118	Novel Analysis of Coronary Angiography in Predicting the Formation of Ventricular Aneurysm in Patients With Acute Myocardial Infarction After Percutaneous Coronary Intervention. Frontiers in Cardiovascular Medicine, 2022, 9, 880289.	1.1	2
119	Pulse-width measurement of ultrashort laser pulse based on Talbot effect. , 2001, , .		1
120	<title>Initial phase assignment method for synthesizing computer-generated hologram</title>. , 2001, , .		1
121	<title>Phase gratings made with inductively coupled plasma technology</title>. , 2001, , .		1
122	Depth-resolved fluorescence of biological tissue. , 2005, , .		1
123	Two-photon laser scanning microscopy with ultrabroad bandwidth 110 nm FWHM femtosecond pulses. Proceedings of SPIE, 2008, , .	0.8	1
124	Greater signal and contrast in two-photon microscopy with ultrashort pulses. , 2008, , .		1
125	In-vivo full depth of eye imaging spectral domain optical coherence tomography. , 2011, , .		1
126	Virtual-OCT: A simulated optical coherence tomography instrument. Journal of Innovative Optical Health Sciences, 2014, 07, 1450030.	0.5	1

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127	The putative tumor suppressor C53 interacts with the human telomerase reverse transcriptase hTERT and regulates telomerase activity. <i>Science Bulletin</i> , 2014, 59, 2324-2330.	1.7	1
128	High Resolution Centroid Hirschman Descriptor For Moving Object Detection. , 2018, , .		1
129	Microscopy: looking into the mirror. <i>Light: Science and Applications</i> , 2018, 7, 4.	7.7	1
130	Preparation and Properties of PMMA Nanofibers with Photochromic and Photoluminescent Functions. <i>Springer Proceedings in Physics</i> , 2019, , 213-226.	0.1	1
131	A protocol for single-source dual-pulse stimulated emission depletion setup with Bessel modulation. <i>Microscopy Research and Technique</i> , 2021, , .	1.2	1
132	Schlieren two-photon microscopy for phase-contrast imaging. <i>Applied Optics</i> , 2019, 58, A26.	0.9	1
133	<title>Threshold decomposition of soft-morphological filters into function and set processing (FSP) morphological filters and order-statistic filters</title>. , 1994, 2300, 279.		0
134	<title>Fuzzy morphology induced by threshold decomposition</title>. , 1994, 2300, 268.		0
135	Arbitrary-phase-modulated Talbot illuminator. , 2000, , .		0
136	Time dependence of Talbot effect under ultrashort laser illumination. , 2000, , .		0
137	Decomposing rule of two-dimensional separable Talbot array illuminator. , 2001, , .		0
138	<title>Possibility of phase-contrast pickup head for two-layered optical disk</title>. , 2001, 4470, 225.		0
139	Simple equations for π -phase-modulated Talbot illuminator. <i>Microwave and Optical Technology Letters</i> , 2001, 29, 49-52.	0.9	0
140	Fast and effective algorithm for synthesizing computer-generated holograms. , 2002, 4768, 164.		0
141	Space-multiplexed diffractive optical device based on Talbot effect. , 2002, 4924, 26.		0
142	Laser beam scanning based on the Talbot phase-encoding method. , 2002, , .		0
143	Superresolution technology for small diffraction spot size in the far field. , 2002, , .		0
144	<title>Ultrafast study of near-field hexagonal array illumination</title>. , 2002, 4929, 328.		0

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145	Fabrication of optical elements with femtosecond doubled-frequency Ti:sapphire laser. , 2003, , .		0
146	Symmetric color separation grating. , 2003, , .		0
147	Fluorescence spectroscopy of biological tissue: single- and two-photon excitation. , 2004, , .		0
148	Depth-resolved fluorescence of human ectocervical tissue. , 2005, , .		0
149	Selective Two-Photon Excitation for Biomedical Imaging. , 2007, , .		0
150	An international optical microscopy event—Focus on Microscopy 2010— Science Bulletin, 2010, 55, 1840-1840.	1.7	0
151	Confocal Reflectance/Auto-Fluorescence Tomography (CRAFT) for Early Skin Cancer Diagnosis. , 2012, , .		0
152	CW STED nanoscopy with a Ti:Sapphire oscillator. , 2012, , .		0
153	Orthogonal Scanning Automated Microscopy Speeds Up Time-Gated Luminescence Detection. , 2013, , .		0
154	Two-color CW STED nanoscopy. Proceedings of SPIE, 2013, , .	0.8	0
155	STED imaging of nitrogen vacancy centers in diamond. , 2013, , .		0
156	Phase relief imaging with confocal laser scanning system. , 2013, , .		0
157	Optical nanoscopy with inorganic fluorescent nanoparticles. , 2014, , .		0
158	Analyzing the Experimental Data of the Total Flavonoids of Mao Dongqing in the Treatment of Cerebral Ischemic Tolerance in Mice. , 2015, , .		0
159	Mirror reflective interference axial-narrowing super-resolution microscopy. , 2016, , .		0
160	Effects of Fuzheng Paidu tablet immunization on AIDS BALB/c mice. Saudi Pharmaceutical Journal, 2017, 25, 644-648.	1.2	0
161	We are thrilled to introduce our new column: News and Views. Light: Science and Applications, 2018, 7, 17128-17128.	7.7	0
162	New pulse-width measurement for ultrashort laser pulse. , 2002, , .		0

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163	Multi-photon microscopy in biological tissue with ultrashort shaped pulses. , 2007, , .		0
164	Advantages found for 10 fs pulses in multiphoton microscopy. , 2008, , .		0
165	Optical Devices in Communication and Computation. , 2012, , .		0
166	LOSOM: phase relief imaging can be achieved with confocal system. Proceedings of SPIE, 2012, , .	0.8	0
167	STED optical super-resolution microscopy with fluorescent NV-centers. , 2013, , .		0
168	Laser Oblique Scanning Optical Microscopy: theory, instrumentation, and applications. , 2013, , .		0
169	Stimulated emission depletion point spread function generation with vector solution. , 2013, , .		0
170	Super-resolution Deep Imaging with Gauss-Bessel STED Microscopy. , 2016, , .		0
171	Mirror Enhanced STED Super-resolution Microscopy. , 2017, , .		0
172	Super-resolution: better, deeper, and richer information. , 2017, , .		0
173	Long-term ultra-low-level power STED nanoscopy. , 2017, , .		0
174	Schlieren two-photon microscopy for phase-contrast imaging: publisher's note. Applied Optics, 2019, 58, 2137.	0.9	0
175	Polarized structured illumination microscopy. , 2021, , .		0
176	Super-resolution fluorescence polarization microscopy and its biological applications. , 2021, , .		0
177	Rare nanoparticles shine colors with low-power STED. Light: Science and Applications, 2022, 11, .	7.7	0