

# Paolo Bianchini

## List of Publications by Year in descending order

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181  
papers

4,122  
citations

136740

32  
h-index

138251

58  
g-index

192  
all docs

192  
docs citations

192  
times ranked

6300  
citing authors

#	ARTICLE	IF	CITATIONS
1	STED super-resolved microscopy. <i>Nature Methods</i> , 2018, 15, 173-182.	9.0	452
2	Colloidal Synthesis of Quantum Confined Single Crystal CsPbBr <sub>3</sub> Nanosheets with Lateral Size Control up to the Micrometer Range. <i>Journal of the American Chemical Society</i> , 2016, 138, 7240-7243.	6.6	446
3	Protein synthesis in liposomes with a minimal set of enzymes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 12-17.	1.0	138
4	Multi-photon excitation microscopy. <i>BioMedical Engineering OnLine</i> , 2006, 5, 36.	1.3	132
5	Shape-Pure, Nearly Monodispersed CsPbBr <sub>3</sub> Nanocubes Prepared Using Secondary Aliphatic Amines. <i>Nano Letters</i> , 2018, 18, 7822-7831.	4.5	132
6	A robust and versatile platform for image scanning microscopy enabling super-resolution FLIM. <i>Nature Methods</i> , 2019, 16, 175-178.	9.0	132
7	Strategies to maximize the performance of a STED microscope. <i>Optics Express</i> , 2012, 20, 7362.	1.7	113
8	Evidence for aerobic ATP synthesis in isolated myelin vesicles. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1581-1591.	1.2	92
9	Single-wavelength two-photon excitation-stimulated emission depletion (SW2PE-STED) superresolution imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6390-6393.	3.3	84
10	Three-dimensional (3D) backward and forward second harmonic generation (SHG) microscopy of biological tissues. <i>Journal of Biophotonics</i> , 2008, 1, 443-450.	1.1	73
11	Evidence for aerobic metabolism in retinal rod outer segment disks. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2555-2565.	1.2	70
12	Measurement of nanoscale three-dimensional diffusion in the interior of living cells by STED-FCS. <i>Nature Communications</i> , 2017, 8, 65.	5.8	68
13	Order versus Disorder: in vivo bone formation within osteoconductive scaffolds. <i>Scientific Reports</i> , 2012, 2, 274.	1.6	67
14	Fast Inertia-Free Volumetric Light-Sheet Microscope. <i>ACS Photonics</i> , 2017, 4, 1797-1804.	3.2	66
15	STED nanoscopy: a glimpse into the future. <i>Cell and Tissue Research</i> , 2015, 360, 143-150.	1.5	64
16	Gated CW-STED microscopy: A versatile tool for biological nanometer scale investigation. <i>Methods</i> , 2014, 66, 124-130.	1.9	60
17	Proteomic Analysis of the Retinal Rod Outer Segment Disks. <i>Journal of Proteome Research</i> , 2008, 7, 2654-2669.	1.8	56
18	Architecture of developing multicellular yeast colony: spatio-temporal expression of Ato1p ammonium exporter. <i>Environmental Microbiology</i> , 2009, 11, 1866-1877.	1.8	55

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19	Cellulose acetate - essential oil nanocapsules with antimicrobial activity for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 471-479.	2.5	50
20	Light-Driven Release from Polymeric Microcapsules Functionalized with Bacteriorhodopsin. <i>Journal of the American Chemical Society</i> , 2009, 131, 9800-9804.	6.6	49
21	Intensity Weighted Subtraction Microscopy Approach for Image Contrast and Resolution Enhancement. <i>Scientific Reports</i> , 2016, 6, 25816.	1.6	47
22	AFM-STED correlative nanoscopy reveals a dark side in fluorescence microscopy imaging. <i>Science Advances</i> , 2019, 5, eaav8062.	4.7	47
23	Poly(lactic Acid)-Lemongrass Essential Oil Nanocapsules with Antimicrobial Properties. <i>Pharmaceuticals</i> , 2016, 9, 42.	1.7	46
24	Three distinct ribosome assemblies modulated by translation are the building blocks of polysomes. <i>Journal of Cell Biology</i> , 2015, 208, 581-596.	2.3	44
25	Collagen containing microcapsules: Smart containers for disease controlled therapy. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 56-62.	5.0	42
26	All natural cellulose acetate-Lemongrass essential oil antimicrobial nanocapsules. <i>International Journal of Pharmaceutics</i> , 2016, 510, 508-515.	2.6	42
27	Measuring expansion from macro- to nanoscale using NPC as intrinsic reporter. <i>Journal of Biophotonics</i> , 2019, 12, e201900018.	1.1	42
28	Photopolymerization Inhibition Dynamics for Sub-Diffraction Direct Laser Writing Lithography. <i>ChemPhysChem</i> , 2012, 13, 1429-1434.	1.0	41
29	Exploiting the tunability of stimulated emission depletion microscopy for super-resolution imaging of nuclear structures. <i>Nature Communications</i> , 2018, 9, 3415.	5.8	40
30	SPAD-based asynchronous-readout array detectors for image-scanning microscopy. <i>Optica</i> , 2020, 7, 755.	4.8	37
31	A new filtering technique for removing anti-Stokes emission background in gated CW-STED microscopy. <i>Journal of Biophotonics</i> , 2014, 7, 376-380.	1.1	36
32	A photochromic bacterial photoreceptor with potential for super-resolution microscopy. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 231-235.	1.6	35
33	Nanoscale Protein Diffusion by STED-Based Pair Correlation Analysis. <i>PLoS ONE</i> , 2014, 9, e99619.	1.1	35
34	Subdiffraction localization of a nanostructured photosensitizer in bacterial cells. <i>Scientific Reports</i> , 2015, 5, 15564.	1.6	35
35	Alginate microbeads with internal microvoids for the sustained release of drugs. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 454-461.	3.6	34
36	Two-photon image-scanning microscopy with SPAD array and blind image reconstruction. <i>Biomedical Optics Express</i> , 2020, 11, 2905.	1.5	33

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37	Tunable stability of monodisperse secondary O/W nano-emulsions. <i>Nanoscale</i> , 2014, 6, 9300.	2.8	31
38	Live imaging of mammalian retina: rod outer segments are stained by conventional mitochondrial dyes. <i>Journal of Biomedical Optics</i> , 2008, 13, 054017.	1.4	30
39	Effects of Nanosilver Exposure on Cholinesterase Activities, CD41, and CDF/LIF-Like Expression in ZebraFish ( <i>Danio rerio</i> ) Larvae. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	30
40	Effect of polyphenolic phytochemicals on ectopic oxidative phosphorylation in rod outer segments of bovine retina. <i>British Journal of Pharmacology</i> , 2015, 172, 3890-3903.	2.7	30
41	Enhanced volumetric imaging in 2-photon microscopy via acoustic lens beam shaping. <i>Journal of Biophotonics</i> , 2018, 11, e201700050.	1.1	30
42	A novel approach for correlative light electron microscopy analysis. <i>Microscopy Research and Technique</i> , 2010, 73, 215-224.	1.2	29
43	Serum albumins are efficient delivery systems for the photosensitizer hypericin in photosensitization-based treatments against <i>Staphylococcus aureus</i> . <i>Food Control</i> , 2018, 94, 254-262.	2.8	28
44	New findings in ATP supply in rod outer segments: Insights for retinopathies. <i>Biology of the Cell</i> , 2013, 105, 345-358.	0.7	27
45	Gated-sted microscopy with subnanosecond pulsed fiber laser for reducing photobleaching. <i>Microscopy Research and Technique</i> , 2016, 79, 785-791.	1.2	27
46	Two-Photon Excitation STED Microscopy with Time-Gated Detection. <i>Scientific Reports</i> , 2016, 6, 19419.	1.6	27
47	MRCK $\pm$ is activated by caspase cleavage to assemble an apical actin ring for epithelial cell extrusion. <i>Journal of Cell Biology</i> , 2018, 217, 231-249.	2.3	27
48	Zebrafish structural development in Mueller-matrix scanning microscopy. <i>Scientific Reports</i> , 2019, 9, 19974.	1.6	27
49	Encapsulated functionalized stereocomplex PLA particles: An effective system to support mucolytic enzymes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 179, 190-198.	2.5	26
50	Circular intensity differential scattering (CIDS) scanning microscopy to image chromatin-DNA nuclear organization. <i>OSA Continuum</i> , 2018, 1, 1068.	1.8	26
51	Facile laser-assisted synthesis of inorganic nanoparticles covered by a carbon shell with tunable luminescence. <i>RSC Advances</i> , 2015, 5, 50604-50610.	1.7	25
52	Analysis and three-dimensional visualization of collagen in artificial scaffolds using nonlinear microscopy techniques. <i>Journal of Biomedical Optics</i> , 2010, 15, 1.	1.4	24
53	Review on Complete Mueller Matrix Optical Scanning Microscopy Imaging. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1632.	1.3	24
54	Anisotropy in the Viscoelastic Response of Knee Meniscus Cartilage. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 77-83.	0.7	22

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55	Enhanced photosensitizing properties of protein bound curcumin. <i>Life Sciences</i> , 2019, 233, 116710.	2.0	22
56	Hypericinâ€“Apomyoglobin: An Enhanced Photosensitizer Complex for the Treatment of Tumor Cells. <i>Biomacromolecules</i> , 2019, 20, 2024-2033.	2.6	22
57	Optical nanoscopy. <i>Rivista Del Nuovo Cimento</i> , 2020, 43, 385-455.	2.0	22
58	Ultrastable Liquidâ€“Liquid Interface as Viable Route for Controlled Deposition of Biodegradable Polymer Nanocapsules. <i>Small</i> , 2016, 12, 3005-3013.	5.2	21
59	Far-Field Subdiffraction Imaging of Semiconductors Using Nonlinear Transient Absorption Differential Microscopy. <i>ACS Photonics</i> , 2016, 3, 478-485.	3.2	20
60	Fast scanning STED and twoâ€“photon fluorescence excitation microscopy with continuous wave beam. <i>Journal of Microscopy</i> , 2012, 245, 225-228.	0.8	19
61	Zinc-Substituted Myoglobin Is a Naturally Occurring Photo-antimicrobial Agent with Potential Applications in Food Decontamination. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8633-8639.	2.4	19
62	Nanoscale Distribution of Nuclear Sites by Super-Resolved Image Cross-Correlation Spectroscopy. <i>Biophysical Journal</i> , 2019, 117, 2054-2065.	0.2	18
63	ExCIDS: a combined approach coupling Expansion Microscopy (ExM) and Circular Intensity Differential Scattering (CIDS) for chromatin-DNA imaging. <i>OSA Continuum</i> , 2020, 3, 1770.	1.8	18
64	Urotensin II receptor and acetylcholine release from mouse cervical spinal cord nerve terminals. <i>Neuroscience</i> , 2010, 170, 67-77.	1.1	17
65	Release kinetics of gold nanoparticles from collagen microcapsules by total reflection X-ray fluorescence. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 417, 83-88.	2.3	17
66	The Interaction of Hypericin with SARS-CoV-2 Reveals a Multimodal Antiviral Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 14025-14032.	4.0	17
67	Apomyoglobin is an efficient carrier for zinc phthalocyanine in photodynamic therapy of tumors. <i>Biophysical Chemistry</i> , 2019, 253, 106228.	1.5	16
68	Amyloid Precursor Protein and Presenilin 1 Interaction Studied by FRET in Human H4 Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1096, 249-257.	1.8	15
69	Imaging of mouse experimental melanoma in vivo and ex vivo by combination of confocal and nonlinear microscopy. <i>Microscopy Research and Technique</i> , 2009, 72, 411-423.	1.2	15
70	Collagen fibre arrangement and functional crimping pattern of the medial collateral ligament in the rat knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1671-1678.	2.3	15
71	Functional expression of oxidative phosphorylation proteins in the rod outer segment disc. <i>Cell Biochemistry and Function</i> , 2013, 31, 532-538.	1.4	15
72	Volumetric Lissajous confocal microscopy with tunable spatiotemporal resolution. <i>Biomedical Optics Express</i> , 2020, 11, 6293.	1.5	15

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73	Confocal laser scanning microscopy of retinal rod outer segment intact disks: new labeling technique. <i>Journal of Biomedical Optics</i> , 2007, 12, 050501.	1.4	14
74	Label-Free Optical Nanoscopy of Single-Layer Graphene. <i>ACS Nano</i> , 2019, 13, 9673-9681.	7.3	13
75	Metabotropic $\gamma$ -aminobutyric acid (GABA <sub>B</sub> ) receptors modulate feeding behavior in the calcisponge <i>Leucandra aspera</i> . <i>Journal of Experimental Zoology</i> , 2011, 315A, 132-140.	1.2	11
76	Fluorescence microscopy in the spotlight. <i>Microscopy Research and Technique</i> , 2014, 77, 479-482.	1.2	10
77	A spatial multi-scale fluorescence microscopy toolbox discloses entry checkpoints of SARS-CoV-2 variants in Vero E6 cells. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 6140-6156.	1.9	10
78	Fluorescence Microscopy. <i>Springer Handbooks</i> , 2019, , 1039-1088.	0.3	9
79	Immunological Safety Evaluation of a Horse Collagen Haemostatic Pad. <i>Arzneimittelforschung</i> , 2001, 51, 414-419.	0.5	8
80	Characterization of uniform ultrathin layer for z-response measurements in three-dimensional section fluorescence microscopy. <i>Journal of Microscopy</i> , 2007, 225, 88-95.	0.8	8
81	Immunochemical or fluorescent labeling of vesicular subcellular fractions for microscopy imaging. <i>Microscopy Research and Technique</i> , 2010, 73, 1086-1090.	1.2	8
82	NMDA R1 receptor distribution in the cyprid of <i>Balanus amphitrite</i> (=Amphibalanus amphitrite) (Cirripedia, Crustacea). <i>Neuroscience Letters</i> , 2010, 485, 183-188.	1.0	8
83	Tubulin posttranslational modifications induced by cadmium in the sponge <i>Clathrina clathrus</i> . <i>Aquatic Toxicology</i> , 2013, 140-141, 98-105.	1.9	8
84	Correlative nanoscopy: A multimodal approach to molecular resolution. <i>Microscopy Research and Technique</i> , 2021, 84, 2472-2482.	1.2	8
85	The GABAergic-like system in the cyprid of <i>Balanus amphitrite</i> (=Amphibalanus amphitrite) (Cirripedia.) <i>TJ ETQq1 1 0.784314 rgBT /Ov</i>	0.8	8
86	Permeability Variation Study in Collagen-Based Polymeric Capsules. <i>BioNanoScience</i> , 2011, 1, 192-197.	1.5	7
87	Chromatin investigation in the nucleus using a phasor approach to structured illumination microscopy. <i>Biophysical Journal</i> , 2021, 120, 2566-2576.	0.2	7
88	Evaluation of sted super-resolution image quality by image correlation spectroscopy (QuICS). <i>Scientific Reports</i> , 2021, 11, 20782.	1.6	7
89	Leptin-like immunoreactivity in the muscle of juvenile sea bass ( <i>Dicentrarchus labrax</i> ). <i>Microscopy Research and Technique</i> , 2010, 73, 797-802.	1.2	6
90	Combining Expansion Microscopy and STED Nanoscopy for the Study of Cellular Organization. <i>Biophysical Journal</i> , 2017, 112, 140a.	0.2	6

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91	Spatial-domain filter enhanced subtraction microscopy and application to mid-IR imaging. <i>Optics Express</i> , 2017, 25, 13145.	1.7	6
92	LIQUITOPYÂ®: A Liquid Tunable Microscope to Study Chromatin Organization in the Cell Nucleus. <i>Microscopy and Microanalysis</i> , 2018, 24, 1368-1369.	0.2	6
93	Expansion microscopy at the nanoscale: The nuclear pore complex as a fiducial landmark. <i>Methods in Cell Biology</i> , 2021, 161, 275-295.	0.5	6
94	Multilayered Polyelectrolyte Microcapsules: Interaction with the Enzyme Cytochrome C Oxidase. <i>PLoS ONE</i> , 2014, 9, e112192.	1.1	6
95	Multiplane Encoded Light-Sheet Microscopy for Enhanced 3D Imaging. <i>ACS Photonics</i> , 2021, 8, 3385-3393.	3.2	6
96	Protection capabilities of nanostructured shells toward cell encapsulation: A <i>saccharomyces/paramecium</i> model. <i>Microscopy Research and Technique</i> , 2010, 73, 931-936.	1.2	5
97	Assembly of Branched Colloidal Nanocrystals in Polymer Films Leads to Enhanced Viscous Deformation Resistance. <i>Nano Letters</i> , 2016, 16, 6154-6163.	4.5	5
98	Combined approach using circular intensity differential scattering microscopy under phasor map data analysis. <i>Applied Optics</i> , 2021, 60, 1558.	0.9	5
99	Phasor approach of Mueller matrix optical scanning microscopy for biological tissue imaging. <i>Biophysical Journal</i> , 2021, 120, 3112-3125.	0.2	5
100	Evidence for ciliary pigment localization in colored ciliates and implications for their photosensory transduction chain: A confocal microscopy study. <i>Microscopy Research and Technique</i> , 2007, 70, 1028-1033.	1.2	4
101	Structural stability of green fluorescent proteins entrapped in polyelectrolyte nanocapsules. <i>Journal of Biophotonics</i> , 2008, 1, 310-319.	1.1	4
102	Biophysical effects of the natural product euplotin C on the <i>Paramecium</i> membrane. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 1061-1069.	0.7	4
103	Imaging of living mammalian retina ex vivo by confocal laser scanning microscopy. <i>Analytical Methods</i> , 2010, 2, 1816.	1.3	4
104	Image-Based Tracking of Anticancer Drug-Loaded Nanoengineered Polyelectrolyte Capsules in Cellular Environments Using a Fast Benchtop Mid-Infrared (MIR) Microscope. <i>ACS Omega</i> , 2018, 3, 6143-6150.	1.6	3
105	A photosensitizing fusion protein with targeting capabilities. <i>Biomolecular Concepts</i> , 2022, 13, 175-182.	1.0	3
106	Versatile Supramolecular Complex for Targeted Antimicrobial Photodynamic Inactivation. <i>Bioconjugate Chemistry</i> , 2022, 33, 666-676.	1.8	3
107	Role of the Pico-Nano-Second Temporal Dimension in STED Microscopy. <i>Springer Series on Fluorescence</i> , 2016, , 311-329.	0.8	2
108	Study of Tumor Cellular Damage Induced by Photosensitizing Molecules. <i>Biophysical Journal</i> , 2018, 114, 535a.	0.2	2

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109	Expansion Microscopy: A Tool to Investigate Hutchinson-Gilford Progeria Syndrome at Molecular Level. <i>Biophysical Journal</i> , 2018, 114, 536a.	0.2	2
110	An inertia-free beam scanning device for single-wavelength 2PE-STED nanoscopy. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 324001.	1.3	2
111	Polarization Label-Free Microscopy Imaging of Biological Samples by Exploiting the Zeeman Laser Emission. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	2
112	Quantitative FRAP by Means of Diffusion through 3D Polyelectrolyte Shells Using Confocal and Two-photon Excitation Approaches.. <i>Microscopy and Microanalysis</i> , 2005, 11, .	0.2	1
113	Two-photon excitation STED-CW microscopy. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
114	Multiphoton Microscopy Advances Toward Super Resolution. , 2012, , 121-140.		1
115	Optimizing Parameters for Wll STED Imaging. <i>Biophysical Journal</i> , 2012, 102, 725a.	0.2	1
116	STED Microscopy with Time-Gated Detection:Benefits and Limitations. <i>Biophysical Journal</i> , 2013, 104, 667a-668a.	0.2	1
117	Stimulated Emission Depletion (STED) Microscopy. , 2013, , 2470-2475.		1
118	Polarization-Resolved SHG towards Collagen Imaging. <i>Biophysical Journal</i> , 2014, 106, 204a.	0.2	1
119	A New Efficient Implementation of 2PE-STED Microscopy. <i>Biophysical Journal</i> , 2014, 106, 605a.	0.2	1
120	Application of the SPLIT-FLCS Method to the Detection of Nanoscale Diffusion in 3D in Live Cells. <i>Biophysical Journal</i> , 2016, 110, 195a.	0.2	1
121	A Liquid Tunable Microscope as a New Paradigm in Optical Microscopy to Paint 4D Chromatin Organisation in the Cell Nucleus. <i>Biophysical Journal</i> , 2018, 114, 347a.	0.2	1
122	Pump-Probe Nanoscopy by Means of Transient Absorption Saturation. , 2018, , .		1
123	Editorial: Advances in Label Free Tissue Imaging With Laser Scanning Microscopy Techniques. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	1
124	Fluorescence Three-Dimensional Optical Imaging. , 2013, , 824-826.		1
125	Super-Resolution Fluorescence Optical Microscopy: Targeted and Stochastic Read-Out Approaches. <i>Advances in Atom and Single Molecule Machines</i> , 2014, , 27-43.	0.0	1
126	Review of acousto-optical devices in advanced microscopy: From 3D scanning via super-resolution to encoded multi-beams. , 2019, , .		1



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127	An Efficient Aequorea victoria Green Fluorescent Protein for Stimulated Emission Depletion Super-Resolution Microscopy. International Journal of Molecular Sciences, 2022, 23, 2482.	1.8	1
128	Non-Linear Microscopy. Biological and Medical Physics Series, 2008, , 47-69.	0.3	1
129	Polyelectrolyte fuzzy nanostructured shells for delivering of cells inside biological systems. , 0, , .		0
130	Polyelectrolytes, Polyelectrolyte Microcapsules and Nanospheres- Valuable tools for Microscope Refinement in Subresolution Range. Microscopy and Microanalysis, 2004, 10, 1288-1289.	0.2	0
131	SIPcharts using uniform ultra-thin and thin layers for Z-response measurements in two-photon excitation fluorescence microscopy. , 2007, , .		0
132	SHIM and TPEM: getting more information from non linear excitation. , 2009, , .		0
133	FRET Imaging Through A White Light Laser (wll) Source. Biophysical Journal, 2009, 96, 638a.	0.2	0
134	Trimming the resolution gap in the study of molecular and cellular events by means of High Data Output and automated three-dimensional Correlative Light-Electron Microscopy approach. Biophysical Journal, 2009, 96, 640a.	0.2	0
135	SHIM And 2PEM: Getting More Information For Tissue Imaging. Biophysical Journal, 2009, 96, 296a.	0.2	0
136	Optical Nanoscopy Far-Field Approaches to Cellular and Molecular Biophysics. Biophysical Journal, 2010, 98, 181a.	0.2	0
137	Selective inhibition of polymerization enables sub-diffraction optical lithography. , 2011, , .		0
138	“Nanoscopium Nominare Libuit” Approaches Towards Optical Nanoscopy and Individual Molecule Localization Microscopy Improvements. Biophysical Journal, 2012, 102, 4a.	0.2	0
139	Multiphoton and STED Imaging Nanoscopy. Biophysical Journal, 2012, 102, 724a.	0.2	0
140	STED - AFM: Tip Probing Enhanced by Super Resolved Targeting. Biophysical Journal, 2012, 102, 224a.	0.2	0
141	SW 2PE-STED Nanoscopy. Biophysical Journal, 2013, 104, 534a-535a.	0.2	0
142	A Photochromic Bacterial Photoreceptor with Potential for Super-Resolution Microscopy. Biophysical Journal, 2013, 104, 672a.	0.2	0
143	STED Microscope Optimization: Neuroscience Applications. Biophysical Journal, 2013, 104, 670a.	0.2	0
144	Nanoscale Protein Diffusion by Sted-Based Spatiotemporal Fluorescence Correlation Spectroscopy. Biophysical Journal, 2014, 106, 602a.	0.2	0

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145	Development of Pump-Probe Nanoscopy Architecture. <i>Biophysical Journal</i> , 2014, 106, 201a.	0.2	0
146	3 Color - 3 Dimensional STED Nanoscopy. <i>Biophysical Journal</i> , 2015, 108, 474a.	0.2	0
147	Nanoscale Protein Diffusion by STED-Based Pair Correlation Analysis. <i>Biophysical Journal</i> , 2015, 108, 325a.	0.2	0
148	Label Free Linear and Non-Linear Excitation Nanoscopy. <i>Biophysical Journal</i> , 2016, 110, 482a.	0.2	0
149	Converging and Correlative Technologies for Optical Nanoscopy. <i>Biophysical Journal</i> , 2016, 110, 4a.	0.2	0
150	Polarization-Resolved Phase Microscopy for Quantitative Retardance Imaging. <i>Biophysical Journal</i> , 2016, 110, 482a.	0.2	0
151	Fast Volumetric Imaging in Two-Photon Microscopy and Enhanced Background Rejection using an Acoustic Lens. <i>Biophysical Journal</i> , 2016, 110, 162a.	0.2	0
152	3D Multicolor STED Nanoscope a Super-Resolution Approach to Mammalian Photoreceptor. <i>Biophysical Journal</i> , 2016, 110, 648a.	0.2	0
153	A Novel Fast Volumetric Light Sheet Microscopy. <i>Biophysical Journal</i> , 2016, 110, 648a.	0.2	0
154	Spatial Organization of Nuclear Structures by Dual Colour Super-Resolution Microscopy. <i>Biophysical Journal</i> , 2017, 112, 313a.	0.2	0
155	The Extra Microscope. <i>Biophysical Journal</i> , 2017, 112, 583a.	0.2	0
156	Synaptic Protein Dynamics Measured by Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2017, 112, 285a.	0.2	0
157	SPLIT-STED Imaging of Nuclear Structures. <i>Biophysical Journal</i> , 2018, 114, 348a.	0.2	0
158	The "Medico-Pedagogical Institutes" and the failure of the collaboration between psychiatry and pedagogy (1889-1978). <i>Paedagogica Historica</i> , 2019, 55, 511-527.	0.1	0
159	Study of Biophysical Parameters in Rubi-Gaba Uncaging using Non-Linear Photoactivation and Electrophysiology in Cerebellar Granule Cells. <i>Biophysical Journal</i> , 2019, 116, 275a.	0.2	0
160	The Nuclear Pore Complex as Intrinsic Reporter for Isotropic Expansion Microscopy. <i>Biophysical Journal</i> , 2019, 116, 24a-25a.	0.2	0
161	Label Free Microscopy with Ptychography. <i>Biophysical Journal</i> , 2019, 116, 281a.	0.2	0
162	Label-Free Chromatin-DNA Imaging by Circular Polarized Light Scattering Scanning Microscopy. <i>Biophysical Journal</i> , 2019, 116, 499a.	0.2	0

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163	Multimodal Label Free Stokes/Mueller Matrix and Non Linear Scanning Microscopy. Biophysical Journal, 2019, 116, 279a.	0.2	0
164	Chromatin Alterations in a Model of Oncogene Activation Studied by Advanced Fluorescence Microscopy. Biophysical Journal, 2019, 116, 280a.	0.2	0
165	Super-Resolution Fluorescence Microscopy. , 2019, , 1-12.		0
166	Label Free Quantitative Phase Imaging of Cellular Structures. Biophysical Journal, 2020, 118, 136a.	0.2	0
167	Nanoscale Distribution of Nuclear Sites Analyzed by Superresolution STED Image Cross-Correlation Spectroscopy. Biophysical Journal, 2020, 118, 20a.	0.2	0
168	A Novel Targeting Approach for Cancer Treatment Based on Photodynamic Therapy. Biophysical Journal, 2020, 118, 313a.	0.2	0
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