

# Paolo Bianchini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/697322/publications.pdf>

Version: 2024-02-01

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	Phasor map analysis to investigate Hutchinsonâ€™s Gilford progeria cell under polarization-resolved optical scanning microscopy. <i>Scientific Reports</i> , 2022, 12, 1679.	1.6	0
2	A photosensitizing fusion protein with targeting capabilities. <i>Biomolecular Concepts</i> , 2022, 13, 175-182.	1.0	3
3	An Efficient <i>Aequorea victoria</i> Green Fluorescent Protein for Stimulated Emission Depletion Super-Resolution Microscopy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2482.	1.8	1
4	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
5	Versatile Supramolecular Complex for Targeted Antimicrobial Photodynamic Inactivation. <i>Bioconjugate Chemistry</i> , 2022, 33, 666-676.	1.8	3
6	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
7	Combined approach using circular intensity differential scattering microscopy under phasor map data analysis. <i>Applied Optics</i> , 2021, 60, 1558.	0.9	5
8	Review on Complete Mueller Matrix Optical Scanning Microscopy Imaging. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1632.	1.3	24
9	Super resolution far field infrared microscopy. <i>Journal of Physics: Conference Series</i> , 2021, 1859, 012023.	0.3	0
10	Correlative nanoscopy: A multimodal approach to molecular resolution. <i>Microscopy Research and Technique</i> , 2021, 84, 2472-2482.	1.2	8
11	Chromatin investigation in the nucleus using a phasor approach to structured illumination microscopy. <i>Biophysical Journal</i> , 2021, 120, 2566-2576.	0.2	7
12	Parallelized Light-sheet Microscopy with Flexible and Encoded Illumination. , 2021, , .		0
13	Phasor approach of Mueller matrix optical scanning microscopy for biological tissue imaging. <i>Biophysical Journal</i> , 2021, 120, 3112-3125.	0.2	5
14	Multi-plane Encoded Light-sheet Microscopy for Fast Volumetric Imaging. , 2021, , .		0
15	Polarization Label-Free Microscopy Imaging of Biological Samples by Exploiting the Zeeman Laser Emission. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	2
16	Evaluation of sted super-resolution image quality by image correlation spectroscopy (QuICS). <i>Scientific Reports</i> , 2021, 11, 20782.	1.6	7
17	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
18	Multiplane Encoded Light-Sheet Microscopy for Enhanced 3D Imaging. <i>ACS Photonics</i> , 2021, 8, 3385-3393.	3.2	6

#	ARTICLE	IF	CITATIONS
19	Polarization label-free microscopy imaging of biological samples by exploiting the Zeeman Laser emission. , 2021, , .		0
20	Time-Resolved STED Microscopy with Single-Photon Detector Array: a Perfect Synergy. , 2021, , .		0
21	Multimodal polarization-resolved/fluorescence optical scanning microscopy for chromatin organization imaging. , 2021, , .		0
22	Label Free Quantitative Phase Imaging of Cellular Structures. Biophysical Journal, 2020, 118, 136a.	0.2	0
23	Optical nanoscopy. Rivista Del Nuovo Cimento, 2020, 43, 385-455.	2.0	22
24	Editorial: Advances in Label Free Tissue Imaging With Laser Scanning Microscopy Techniques. Frontiers in Physics, 2020, 8, .	1.0	1
25	Nanoscale Distribution of Nuclear Sites Analyzed by Superresolution STED Image Cross-Correlation Spectroscopy. Biophysical Journal, 2020, 118, 20a.	0.2	0
26	A Novel Targeting Approach for Cancer Treatment Based on Photodynamic Therapy. Biophysical Journal, 2020, 118, 313a.	0.2	0
27	Photoacoustic Selective Plane Illumination Microscopy. Biophysical Journal, 2020, 118, 175a.	0.2	0
28	Stokes-vector Resolved Multiphoton/Fluorescence Confocal Scanning Microscopy. Biophysical Journal, 2020, 118, 310a.	0.2	0
29	Alginate microbeads with internal microvoids for the sustained release of drugs. International Journal of Biological Macromolecules, 2020, 156, 454-461.	3.6	34
30	An inertia-free beam scanning device for single-wavelength 2PE-STED nanoscopy. Journal Physics D: Applied Physics, 2020, 53, 324001.	1.3	2
31	Two-photon image-scanning microscopy with SPAD array and blind image reconstruction. Biomedical Optics Express, 2020, 11, 2905.	1.5	33
32	Volumetric Lissajous confocal microscopy with tunable spatiotemporal resolution. Biomedical Optics Express, 2020, 11, 6293.	1.5	15
33	SPAD-based asynchronous-readout array detectors for image-scanning microscopy. Optica, 2020, 7, 755.	4.8	37
34	ExCIDS: a combined approach coupling Expansion Microscopy (ExM) and Circular Intensity Differential Scattering (CIDS) for chromatin-DNA imaging. OSA Continuum, 2020, 3, 1770.	1.8	18
35	The "Medico-Pedagogical Institutes" and the failure of the collaboration between psychiatry and pedagogy (1889-1978). Paedagogica Historica, 2019, 55, 511-527.	0.1	0
36	Enhanced photosensitizing properties of protein bound curcumin. Life Sciences, 2019, 233, 116710.	2.0	22

#	ARTICLE	IF	CITATIONS
37	Label-Free Optical Nanoscopy of Single-Layer Graphene. ACS Nano, 2019, 13, 9673-9681.	7.3	13
38	Apomyoglobin is an efficient carrier for zinc phthalocyanine in photodynamic therapy of tumors. Biophysical Chemistry, 2019, 253, 106228.	1.5	16
39	Nanoscale Distribution of Nuclear Sites by Super-Resolved Image Cross-Correlation Spectroscopy. Biophysical Journal, 2019, 117, 2054-2065.	0.2	18
40	AFM-STED correlative nanoscopy reveals a dark side in fluorescence microscopy imaging. Science Advances, 2019, 5, eaav8062.	4.7	47
41	Study of Biophysical Parameters in Rubi-Gaba Uncaging using Non-Linear Photoactivation and Electrophysiology in Cerebellar Granule Cells. Biophysical Journal, 2019, 116, 275a.	0.2	0
42	Hypericinâ€“Apomyoglobin: An Enhanced Photosensitizer Complex for the Treatment of Tumor Cells. Biomacromolecules, 2019, 20, 2024-2033.	2.6	22
43	The Nuclear Pore Complex as Intrinsic Reporter for Isotropic Expansion Microscopy. Biophysical Journal, 2019, 116, 24a-25a.	0.2	0
44	Label Free Microscopy with Ptychography. Biophysical Journal, 2019, 116, 281a.	0.2	0
45	Label-Free Chromatin-DNA Imaging by Circular Polarized Light Scattering Scanning Microscopy. Biophysical Journal, 2019, 116, 499a.	0.2	0
46	Multimodal Label Free Stokes/Mueller Matrix and Non Linear Scanning Microscopy. Biophysical Journal, 2019, 116, 279a.	0.2	0
47	Measuring expansion from macroâ€“to nanoscale using NPC as intrinsic reporter. Journal of Biophotonics, 2019, 12, e201900018.	1.1	42
48	Encapsulated functionalized stereocomplex PLA particles: An effective system to support mucolytic enzymes. Colloids and Surfaces B: Biointerfaces, 2019, 179, 190-198.	2.5	26
49	Chromatin Alterations in a Model of Oncogene Activation Studied by Advanced Fluorescence Microscopy. Biophysical Journal, 2019, 116, 280a.	0.2	0
50	Zebrafish structural development in Mueller-matrix scanning microscopy. Scientific Reports, 2019, 9, 19974.	1.6	27
51	Super-Resolution Fluorescence Microscopy. , 2019, , 1-12.		0
52	A robust and versatile platform for image scanning microscopy enabling super-resolution FLIM. Nature Methods, 2019, 16, 175-178.	9.0	132
53	Fluorescence Microscopy. Springer Handbooks, 2019, , 1039-1088.	0.3	9
54	Label-Free Pumpâ€“Probe Nanoscopy. Biological and Medical Physics Series, 2019, , 171-193.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Review of acousto-optical devices in advanced microscopy: From 3D scanning via super-resolution to encoded multi-beams. , 2019, , .		1
56	STED super-resolved microscopy. Nature Methods, 2018, 15, 173-182.	9.0	452
57	A Liquid Tunable Microscope as a New Paradigm in Optical Microscopy to Paint 4D Chromatin Organisation in the Cell Nucleus. Biophysical Journal, 2018, 114, 347a.	0.2	1
58	Enhanced volumetric imaging in 2-photon microscopy via acoustic lens beam shaping. Journal of Biophotonics, 2018, 11, e201700050.	1.1	30
59	MRCK $\pm$ is activated by caspase cleavage to assemble an apical actin ring for epithelial cell extrusion. Journal of Cell Biology, 2018, 217, 231-249.	2.3	27
60	SPLIT-STED Imaging of Nuclear Structures. Biophysical Journal, 2018, 114, 348a.	0.2	0
61	Pump-Probe Nanoscopy by Means of Transient Absorption Saturation. , 2018, , .		1
62	Shape-Pure, Nearly Monodispersed CsPbBr <sub>3</sub> Nanocubes Prepared Using Secondary Aliphatic Amines. Nano Letters, 2018, 18, 7822-7831.	4.5	132
63	LIQUITOPYA®: A Liquid Tunable Microscope to Study Chromatin Organization in the Cell Nucleus. Microscopy and Microanalysis, 2018, 24, 1368-1369.	0.2	6
64	Study of Tumor Cellular Damage Induced by Photosensitizing Molecules. Biophysical Journal, 2018, 114, 535a.	0.2	2
65	Cellulose acetate - essential oil nanocapsules with antimicrobial activity for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2018, 172, 471-479.	2.5	50
66	Expansion Microscopy: A Tool to Investigate Hutchinson-Gilford Progeria Syndrome at Molecular Level. Biophysical Journal, 2018, 114, 536a.	0.2	2
67	Serum albumins are efficient delivery systems for the photosensitizer hypericin in photosensitization-based treatments against Staphylococcus aureus. Food Control, 2018, 94, 254-262.	2.8	28
68	Exploiting the tunability of stimulated emission depletion microscopy for super-resolution imaging of nuclear structures. Nature Communications, 2018, 9, 3415.	5.8	40
69	Image-Based Tracking of Anticancer Drug-Loaded Nanoengineered Polyelectrolyte Capsules in Cellular Environments Using a Fast Benchtop Mid-Infrared (MIR) Microscope. ACS Omega, 2018, 3, 6143-6150.	1.6	3
70	Circular intensity differential scattering (CIDS) scanning microscopy to image chromatin-DNA nuclear organization. OSA Continuum, 2018, 1, 1068.	1.8	26
71	Combining Expansion Microscopy and STED Nanoscopy for the Study of Cellular Organization. Biophysical Journal, 2017, 112, 140a.	0.2	6
72	Spatial Organization of Nuclear Structures by Dual Colour Super-Resolution Microscopy. Biophysical Journal, 2017, 112, 313a.	0.2	0

#	ARTICLE	IF	CITATIONS
73	Fast Inertia-Free Volumetric Light-Sheet Microscope. ACS Photonics, 2017, 4, 1797-1804.	3.2	66
74	The Extra Microscope. Biophysical Journal, 2017, 112, 583a.	0.2	0
75	Synaptic Protein Dynamics Measured by Fluorescence Correlation Spectroscopy. Biophysical Journal, 2017, 112, 285a.	0.2	0
76	Measurement of nanoscale three-dimensional diffusion in the interior of living cells by STED-FCS. Nature Communications, 2017, 8, 65.	5.8	68
77	Spatial-domain filter enhanced subtraction microscopy and application to mid-IR imaging. Optics Express, 2017, 25, 13145.	1.7	6
78	Anisotropy in the Viscoelastic Response of Knee Meniscus Cartilage. Journal of Applied Biomaterials and Functional Materials, 2017, 15, 77-83.	0.7	22
79	Poly(lactic acid)-Lemongrass Essential Oil Nanocapsules with Antimicrobial Properties. Pharmaceuticals, 2016, 9, 42.	1.7	46
80	Ultrastable Liquid-Liquid Interface as Viable Route for Controlled Deposition of Biodegradable Polymer Nanocapsules. Small, 2016, 12, 3005-3013.	5.2	21
81	Intensity Weighted Subtraction Microscopy Approach for Image Contrast and Resolution Enhancement. Scientific Reports, 2016, 6, 25816.	1.6	47
82	Label Free Linear and Non-Linear Excitation Nanoscopy. Biophysical Journal, 2016, 110, 482a.	0.2	0
83	Converging and Correlative Technologies for Optical Nanoscopy. Biophysical Journal, 2016, 110, 4a.	0.2	0
84	Colloidal Synthesis of Quantum Confined Single Crystal CsPbBr <sub>3</sub> Nanosheets with Lateral Size Control up to the Micrometer Range. Journal of the American Chemical Society, 2016, 138, 7240-7243.	6.6	446
85	Polarization-Resolved Phase Microscopy for Quantitative Retardance Imaging. Biophysical Journal, 2016, 110, 482a.	0.2	0
86	Application of the SPLIT-FLCS Method to the Detection of Nanoscale Diffusion in 3D in Live Cells. Biophysical Journal, 2016, 110, 195a.	0.2	1
87	Assembly of Branched Colloidal Nanocrystals in Polymer Films Leads to Enhanced Viscous Deformation Resistance. Nano Letters, 2016, 16, 6154-6163.	4.5	5
88	Gated-sted microscopy with subnanosecond pulsed fiber laser for reducing photobleaching. Microscopy Research and Technique, 2016, 79, 785-791.	1.2	27
89	Zinc-Substituted Myoglobin Is a Naturally Occurring Photo-antimicrobial Agent with Potential Applications in Food Decontamination. Journal of Agricultural and Food Chemistry, 2016, 64, 8633-8639.	2.4	19
90	Two-Photon Excitation STED Microscopy with Time-Gated Detection. Scientific Reports, 2016, 6, 19419.	1.6	27

#	ARTICLE	IF	CITATIONS
91	Role of the Pico-Nano-Second Temporal Dimension in STED Microscopy. Springer Series on Fluorescence, 2016, , 311-329.	0.8	2
92	Fast Volumetric Imaging in Two-Photon Microscopy and Enhanced Background Rejection using an Acoustic Lens. Biophysical Journal, 2016, 110, 162a.	0.2	0
93	3D Multicolor STED Nanoscope a Super-Resolution Approach to Mammalian Photoreceptor. Biophysical Journal, 2016, 110, 648a.	0.2	0
94	A Novel Fast Volumetric Light Sheet Microscopy. Biophysical Journal, 2016, 110, 648a.	0.2	0
95	Far-Field Subdiffraction Imaging of Semiconductors Using Nonlinear Transient Absorption Differential Microscopy. ACS Photonics, 2016, 3, 478-485.	3.2	20
96	All natural cellulose acetateâ€™Lemongrass essential oil antimicrobial nanocapsules. International Journal of Pharmaceutics, 2016, 510, 508-515.	2.6	42
97	3 Color - 3 Dimensional STED Nanoscopy. Biophysical Journal, 2015, 108, 474a.	0.2	0
98	Subdiffraction localization of a nanostructured photosensitizer in bacterial cells. Scientific Reports, 2015, 5, 15564.	1.6	35
99	Nanoscale Protein Diffusion by STED-Based Pair Correlation Analysis. Biophysical Journal, 2015, 108, 325a.	0.2	0
100	Effect of polyphenolic phytochemicals on ectopic oxidative phosphorylation in rod outer segments of bovine retina. British Journal of Pharmacology, 2015, 172, 3890-3903.	2.7	30
101	Facile laser-assisted synthesis of inorganic nanoparticles covered by a carbon shell with tunable luminescence. RSC Advances, 2015, 5, 50604-50610.	1.7	25
102	Three distinct ribosome assemblies modulated by translation are the building blocks of polysomes. Journal of Cell Biology, 2015, 208, 581-596.	2.3	44
103	STED nanoscopy: a glimpse into the future. Cell and Tissue Research, 2015, 360, 143-150.	1.5	64
104	Nanoscale Protein Diffusion by STED-Based Pair Correlation Analysis. PLoS ONE, 2014, 9, e99619.	1.1	35
105	Tunable stability of monodisperse secondary O/W nano-emulsions. Nanoscale, 2014, 6, 9300.	2.8	31
106	Polarization-Resolved SHG towards Collagen Imaging. Biophysical Journal, 2014, 106, 204a.	0.2	1
107	Gated CW-STED microscopy: A versatile tool for biological nanometer scale investigation. Methods, 2014, 66, 124-130.	1.9	60
108	A New Efficient Implementation of 2PE-STED Microscopy. Biophysical Journal, 2014, 106, 605a.	0.2	1

#	ARTICLE	IF	CITATIONS
109	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
110	Fluorescence microscopy in the spotlight. <i>Microscopy Research and Technique</i> , 2014, 77, 479-482.	1.2	10
111	Nanoscale Protein Diffusion by Sted-Based Spatiotemporal Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2014, 106, 602a.	0.2	0
112	Development of Pump-Probe Nanoscopy Architecture. <i>Biophysical Journal</i> , 2014, 106, 201a.	0.2	0
113	Multilayered Polyelectrolyte Microcapsules: Interaction with the Enzyme Cytochrome C Oxidase. <i>PLoS ONE</i> , 2014, 9, e112192.	1.1	6
114	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
115	SW 2PE-STED Nanoscopy. <i>Biophysical Journal</i> , 2013, 104, 534a-535a.	0.2	0
116	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
117	A photochromic bacterial photoreceptor with potential for super-resolution microscopy. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 231-235.	1.6	35
118	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
119	A Photochromic Bacterial Photoreceptor with Potential for Super-Resolution Microscopy. <i>Biophysical Journal</i> , 2013, 104, 672a.	0.2	0
120	STED Microscope Optimization: Neuroscience Applications. <i>Biophysical Journal</i> , 2013, 104, 670a.	0.2	0
121	STED Microscopy with Time-Gated Detection: Benefits and Limitations. <i>Biophysical Journal</i> , 2013, 104, 667a-668a.	0.2	1
122	Stimulated Emission Depletion (STED) Microscopy. , 2013, , 2470-2475.		1
123	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
124	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
125	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
126	Fluorescence Three-Dimensional Optical Imaging. , 2013, , 824-826.		1



#	ARTICLE	IF	CITATIONS
127	Order versus Disorder: in vivo bone formation within osteoconductive scaffolds. <i>Scientific Reports</i> , 2012, 2, 274.	1.6	67
128	“Nanoscopium Nominare Libuit”: Approaches Towards Optical Nanoscopy and Individual Molecule Localization Microscopy Improvements. <i>Biophysical Journal</i> , 2012, 102, 4a.	0.2	0
129	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
130	Strategies to maximize the performance of a STED microscope. <i>Optics Express</i> , 2012, 20, 7362.	1.7	113
131	Multiphoton and STED Imaging Nanoscopy. <i>Biophysical Journal</i> , 2012, 102, 724a.	0.2	0
132	STED - AFM: Tip Probing Enhanced by Super Resolved Targeting. <i>Biophysical Journal</i> , 2012, 102, 224a.	0.2	0
133	Multiphoton Microscopy Advances Toward Super Resolution. , 2012, , 121-140.		1
134	Optimizing Parameters for WII STED Imaging. <i>Biophysical Journal</i> , 2012, 102, 725a.	0.2	1
135	Photopolymerization Inhibition Dynamics for Sub-Diffraction Direct Laser Writing Lithography. <i>ChemPhysChem</i> , 2012, 13, 1429-1434.	1.0	41
136	Fast scanning STED and two-photon fluorescence excitation microscopy with continuous wave beam. <i>Journal of Microscopy</i> , 2012, 245, 225-228.	0.8	19
137	Permeability Variation Study in Collagen-Based Polymeric Capsules. <i>BioNanoScience</i> , 2011, 1, 192-197.	1.5	7
138	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
139	Collagen containing microcapsules: Smart containers for disease controlled therapy. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 56-62.	5.0	42
140	Two-photon excitation STED-CW microscopy. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
141	Selective inhibition of polymerization enables sub-diffraction optical lithography. , 2011, , .		0
142	A novel approach for correlative light electron microscopy analysis. <i>Microscopy Research and Technique</i> , 2010, 73, 215-224.	1.2	29
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Protection capabilities of nanostructured shells toward cell encapsulation: A saccharomyces/paramecium model. <i>Microscopy Research and Technique</i> , 2010, 73, 931-936.	1.2	5
146	Immunochemical or fluorescent labeling of vesicular subcellular fractions for microscopy imaging. <i>Microscopy Research and Technique</i> , 2010, 73, 1086-1090.	1.2	8
147	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
148	Optical Nanoscopy Far-Field Approaches to Cellular and Molecular Biophysics. <i>Biophysical Journal</i> , 2010, 98, 181a.	0.2	0
149	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
150	Urotensin II receptor and acetylcholine release from mouse cervical spinal cord nerve terminals. <i>Neuroscience</i> , 2010, 170, 67-77.	1.1	17
151	Imaging of living mammalian retina ex vivo by confocal laser scanning microscopy. <i>Analytical Methods</i> , 2010, 2, 1816.	1.3	4
152	Photobleaching Minimization in Single- and Multi-Photon Fluorescence Imaging. , 2010, , 8-1-8-28.		0
153	Applications of Second Harmonic Generation Imaging Microscopy. , 2010, , 9-1-9-14.		0
154	The GABAergic-like system in the cyprid of <i>Balanus amphitrite</i> (=Amphibalanus amphitrite) (Cirripedia,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	7
155	SHIM and TPEM: getting more information from non linear excitation. , 2009, , .		0
156	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
157	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
158	Architecture of developing multicellular yeast colony: spatio-temporal expression of Ato1p ammonium exporter. <i>Environmental Microbiology</i> , 2009, 11, 1866-1877.	1.8	55
159	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
160	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
161	FRET Imaging Through A White Light Laser (wl) Source. <i>Biophysical Journal</i> , 2009, 96, 638a.	0.2	0
162	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. <i>Biophysical Journal</i> , 2009, 96, 640a.	0.2	0

#	ARTICLE	IF	CITATIONS
163	Light-Driven Release from Polymeric Microcapsules Functionalized with Bacteriorhodopsin. Journal of the American Chemical Society, 2009, 131, 9800-9804.	6.6	49
164	SHIM And 2PEM: Getting More Information For Tissue Imaging. Biophysical Journal, 2009, 96, 296a.	0.2	0
165	Structural stability of green fluorescent proteins entrapped in polyelectrolyte nanocapsules. Journal of Biophotonics, 2008, 1, 310-319.	1.1	4
166	Three-dimensional (3D) backward and forward second harmonic generation (SHG) microscopy of biological tissues. Journal of Biophotonics, 2008, 1, 443-450.	1.1	73
167	Proteomic Analysis of the Retinal Rod Outer Segment Disks. Journal of Proteome Research, 2008, 7, 2654-2669.	1.8	56
168	Live imaging of mammalian retina: rod outer segments are stained by conventional mitochondrial dyes. Journal of Biomedical Optics, 2008, 13, 054017.	1.4	30
169	Non-Linear Microscopy. Biological and Medical Physics Series, 2008, , 47-69.	0.3	1
170	Confocal laser scanning microscopy of retinal rod outer segment intact disks: new labeling technique. Journal of Biomedical Optics, 2007, 12, 050501.	1.4	14
171	SIPcharts using uniform ultra-thin and thin layers for Z-response measurements in two-photon excitation fluorescence microscopy. , 2007, , .		0
172	Protein synthesis in liposomes with a minimal set of enzymes. Biochemical and Biophysical Research Communications, 2007, 363, 12-17.	1.0	138
173	Evidence for ciliary pigment localization in colored ciliates and implications for their photosensory transduction chain: A confocal microscopy study. Microscopy Research and Technique, 2007, 70, 1028-1033.	1.2	4
174	Characterization of uniform ultrathin layer for z-response measurements in three-dimensional section fluorescence microscopy. Journal of Microscopy, 2007, 225, 88-95.	0.8	8
175	Amyloid Precursor Protein and Presenilin 1 Interaction Studied by FRET in Human H4 Cells. Annals of the New York Academy of Sciences, 2007, 1096, 249-257.	1.8	15
176	Multi-photon excitation microscopy. BioMedical Engineering OnLine, 2006, 5, 36.	1.3	132
177	Quantitative FRAP by Means of Diffusion through 3D Polyelectrolyte Shells Using Confocal and Two-photon Excitation Approaches.. Microscopy and Microanalysis, 2005, 11, .	0.2	1
178	From Microscopy to Nanoscopy: How to Get and Read Optical Data at Single Molecule Level Using Confocal and Two-Photon Excitation Microscopy. , 2005, , 187-207.		0
179	Polyelectrolytes, Polyelectrolyte Microcapsules and Nanospheres- Valuable tools for Microscope Refinement in Subresolution Range. Microscopy and Microanalysis, 2004, 10, 1288-1289.	0.2	0
180	Immunological Safety Evaluation of a Horse Collagen Haemostatic Pad. Arzneimittelforschung, 2001, 51, 414-419.	0.5	8

#	ARTICLE	IF	CITATIONS
181	Polyelectrolyte fuzzy nanostructured shells for delivering of cells inside biological systems. , 0, , .		0