

Daniel CÃ'tÃ©

List of Publications by Year in descending order

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35
papers

6,204
citations

218677

26
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

8695
citing authors

#	ARTICLE	IF	CITATIONS
1	Betacellulin regulates schwann cell proliferation and myelin formation in the injured mouse peripheral nerve. <i>Glia</i> , 2017, 65, 657-669.	4.9	13
2	CaMKII β Expression Defines Two Functionally Distinct Populations of Granule Cells Involved in Different Types of Odor Behavior. <i>Current Biology</i> , 2017, 27, 3315-3329.e6.	3.9	15
3	Association of a History of Child Abuse With Impaired Myelination in the Anterior Cingulate Cortex: Convergent Epigenetic, Transcriptional, and Morphological Evidence. <i>American Journal of Psychiatry</i> , 2017, 174, 1185-1194.	7.2	146
4	AxonSeg: Open Source Software for Axon and Myelin Segmentation and Morphometric Analysis. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 37.	2.5	46
5	Principal cell activity induces spine relocation of adult-born interneurons in the olfactory bulb. <i>Nature Communications</i> , 2016, 7, 12659.	12.8	42
6	In vivo histology of the myelin g-ratio with magnetic resonance imaging. <i>NeuroImage</i> , 2015, 118, 397-405.	4.2	256
7	Quantitative analysis of the myelin g-ratio from electron microscopy images of the macaque corpus callosum. <i>Data in Brief</i> , 2015, 4, 368-373.	1.0	56
8	Activity of the Principal Cells of the Olfactory Bulb Promotes a Structural Dynamic on the Distal Dendrites of Immature Adult-Born Granule Cells via Activation of NMDA Receptors. <i>Journal of Neuroscience</i> , 2014, 34, 1748-1759.	3.6	25
9	Direct measurement of local oxygen concentration in the bone marrow of live animals. <i>Nature</i> , 2014, 508, 269-273.	27.8	933
10	Local assessment of myelin health in a multiple sclerosis mouse model using a 2D Fourier transform approach. <i>Biomedical Optics Express</i> , 2013, 4, 2003.	2.9	23
11	Resolution and contrast enhancement in coherent anti-Stokes Raman-scattering microscopy. <i>Optics Letters</i> , 2013, 38, 4510.	3.3	44
12	Live animal myelin histomorphometry of the spinal cord with video-rate multimodal nonlinear microendoscopy. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	42
13	In vivo imaging of Treg cells providing immune privilege to the haematopoietic stem-cell niche. <i>Nature</i> , 2011, 474, 216-219.	27.8	502
14	Coherent anti-Stokes Raman scattering hyperspectral tissue imaging with a wavelength-swept system. <i>Biomedical Optics Express</i> , 2011, 2, 1296.	2.9	88
15	Blood cell assisted in vivo Particle Image Velocimetry using the confocal laser scanning microscope. <i>Optics Express</i> , 2011, 19, 4357.	3.4	9
16	Adaptive Movement Compensation for In Vivo Imaging of Fast Cellular Dynamics within a Moving Tissue. <i>PLoS ONE</i> , 2011, 6, e19928.	2.5	64
17	Multimodal coherent anti-Stokes Raman scattering microscopy reveals microglia-associated myelin and axonal dysfunction in multiple sclerosis-like lesions in mice. <i>Journal of Biomedical Optics</i> , 2011, 16, 021109.	2.6	65
18	Multiphoton Microscopy of Live Tissues With Ultraviolet Autofluorescence. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 516-523.	2.9	25

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19	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. <i>Optics Express</i> , 2010, 18, 988.	3.4	76
20	<i>In vivo</i> optical monitoring of tissue pathologies and diseases with vibrational contrast. <i>Journal of Biophotonics</i> , 2009, 2, 632-642.	2.3	40
21	Live-animal tracking of individual haematopoietic stem/progenitor cells in their niche. <i>Nature</i> , 2009, 457, 92-96.	27.8	800
22	LOYAUTÉ ET PERFORMANCE: UNE ANALYSE EMPIRIQUE DANS UN RÉSEAU COOPÉRATIF BANCAIRE. <i>Annals of Public and Cooperative Economics</i> , 2009, 80, 315-344.	2.4	6
23	Real-Time In Vivo Assessment of the Nerve Microenvironment with Coherent Anti-Stokes Raman Scattering Microscopy. <i>Plastic and Reconstructive Surgery</i> , 2009, 123, 123S-130S.	1.4	42
24	Le mode d'organisation coopérative au XIXe siècle: un nouveau paradigme coopératif face à la crise identitaire. <i>Projectics / Proyectica / Projectique</i> , 2009, n° 2, 61-84.	0.2	1
25	In Vivo Cell Tracking With Video Rate Multimodality Laser Scanning Microscopy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2008, 14, 10-18.	2.9	136
26	In vivo confocal and multiphoton microendoscopy. <i>Journal of Biomedical Optics</i> , 2008, 13, 010501.	2.6	110
27	Combined optical intensity and polarization methodology for analyte concentration determination in simulated optically clear and turbid biological media. <i>Journal of Biomedical Optics</i> , 2008, 13, 044037.	2.6	29
28	Combined magnetic resonance and bioluminescence imaging of live mice. <i>Journal of Biomedical Optics</i> , 2007, 12, 034018.	2.6	41
29	Mechanisms of regulation of CXCR4/SDF-1 (CXCL12)-dependent migration and homing in multiple myeloma. <i>Blood</i> , 2007, 109, 2708-2717.	1.4	413
30	In vivo fluorescent imaging of the mouse retina using adaptive optics. <i>Optics Letters</i> , 2007, 32, 659.	3.3	75
31	An inflammatory checkpoint regulates recruitment of graft-versus-host reactive T cells to peripheral tissues. <i>Journal of Experimental Medicine</i> , 2006, 203, 2021-2031.	8.5	170
32	Characterization of the modeled fluence distribution for non-ideal cylindrical diffusers in intraluminal and interstitial settings. , 2005, , .		0
33	In vivo imaging of specialized bone marrow endothelial microdomains for tumour engraftment. <i>Nature</i> , 2005, 435, 969-973.	27.8	820
34	Chemical imaging of tissue in vivo with video-rate coherent anti-Stokes Raman scattering microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16807-16812.	7.1	937
35	Robust concentration determination of optically active molecules in turbid media with validated three-dimensional polarization sensitive Monte Carlo calculations. <i>Optics Express</i> , 2005, 13, 148.	3.4	88