

Daniel CÃ'tÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

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	Chemical imaging of tissue in vivo with video-rate coherent anti-Stokes Raman scattering microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16807-16812.	7.1	937
2	Direct measurement of local oxygen concentration in the bone marrow of live animals. Nature, 2014, 508, 269-273.	27.8	933
3	In vivo imaging of specialized bone marrow endothelial microdomains for tumour engraftment. Nature, 2005, 435, 969-973.	27.8	820
4	Live-animal tracking of individual haematopoietic stem/progenitor cells in their niche. Nature, 2009, 457, 92-96.	27.8	800
5	In vivo imaging of Treg cells providing immune privilege to the haematopoietic stem-cell niche. Nature, 2011, 474, 216-219.	27.8	502
6	Mechanisms of regulation of CXCR4/SDF-1 (CXCL12)-dependent migration and homing in multiple myeloma. Blood, 2007, 109, 2708-2717.	1.4	413
7	In vivo histology of the myelin g-ratio with magnetic resonance imaging. NeuroImage, 2015, 118, 397-405.	4.2	256
8	An inflammatory checkpoint regulates recruitment of graft-versus-host reactive T cells to peripheral tissues. Journal of Experimental Medicine, 2006, 203, 2021-2031.	8.5	170
9	Association of a History of Child Abuse With Impaired Myelination in the Anterior Cingulate Cortex: Convergent Epigenetic, Transcriptional, and Morphological Evidence. American Journal of Psychiatry, 2017, 174, 1185-1194.	7.2	146
10	In Vivo Cell Tracking With Video Rate Multimodality Laser Scanning Microscopy. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 10-18.	2.9	136
11	In vivo confocal and multiphoton microendoscopy. Journal of Biomedical Optics, 2008, 13, 010501.	2.6	110
12	Robust concentration determination of optically active molecules in turbid media with validated three-dimensional polarization sensitive Monte Carlo calculations. Optics Express, 2005, 13, 148.	3.4	88
13	Coherent anti-Stokes Raman scattering hyperspectral tissue imaging with a wavelength-swept system. Biomedical Optics Express, 2011, 2, 1296.	2.9	88
14	Imaging leukocyte trafficking in vivo with two-photon-excited endogenous tryptophan fluorescence. Optics Express, 2010, 18, 988.	3.4	76
15	In vivo fluorescent imaging of the mouse retina using adaptive optics. Optics Letters, 2007, 32, 659.	3.3	75
16	Multimodal coherent anti-Stokes Raman scattering microscopy reveals microglia-associated myelin and axonal dysfunction in multiple sclerosis-like lesions in mice. Journal of Biomedical Optics, 2011, 16, 021109.	2.6	65
17	Adaptive Movement Compensation for In Vivo Imaging of Fast Cellular Dynamics within a Moving Tissue. PLoS ONE, 2011, 6, e19928.	2.5	64
18	Quantitative analysis of the myelin g-ratio from electron microscopy images of the macaque corpus callosum. Data in Brief, 2015, 4, 368-373.	1.0	56

#	ARTICLE	IF	CITATIONS
19	AxonSeg: Open Source Software for Axon and Myelin Segmentation and Morphometric Analysis. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 37.	2.5	46
20	Resolution and contrast enhancement in coherent anti-Stokes Raman-scattering microscopy. <i>Optics Letters</i> , 2013, 38, 4510.	3.3	44
21	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
22	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
23	Principal cell activity induces spine relocation of adult-born interneurons in the olfactory bulb. <i>Nature Communications</i> , 2016, 7, 12659.	12.8	42
24	Combined magnetic resonance and bioluminescence imaging of live mice. <i>Journal of Biomedical Optics</i> , 2007, 12, 034018.	2.6	41
25	<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
26	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
27	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
28	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
29	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
30	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
31	Betacellulin regulates schwann cell proliferation and myelin formation in the injured mouse peripheral nerve. <i>Glia</i> , 2017, 65, 657-669.	4.9	13
32	Blood cell assisted in vivo Particle Image Velocimetry using the confocal laser scanning microscope. <i>Optics Express</i> , 2011, 19, 4357.	3.4	9
33	LOYAUTÉ ET PERFORMANCE: UNE ANALYSE EMPIRIQUE DANS UN SECTEUR COOPÉRATIF BANCAIRE. <i>Annals of Public and Cooperative Economics</i> , 2009, 80, 315-344.	2.4	6
34	Le mode d'organisation coopérative au XIXe siècle: un nouveau paradigme coopératif face à la crise identitaire. <i>Projectics / Projectique</i> , 2009, n° 2, 61-84.	0.2	1
35	Characterization of the modeled fluence distribution for non-ideal cylindrical diffusers in intraluminal and interstitial settings. , 2005, , .		0