Laurent A Bentolila

List of Publications by Year
in descending order

12 papers	971 citations	1163117 8 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	1561 citing authors

#	Article	IF	Citations
1	Deep learning enables cross-modality super-resolution in fluorescence microscopy. Nature Methods, 2019, 16, 103-110.	19.0	545
2	Three-dimensional virtual refocusing of fluorescence microscopy images using deep learning. Nature Methods, 2019, 16, 1323-1331.	19.0	172
3	Imaging of Angiotropism/Vascular Co-Option in a Murine Model of Brain Melanoma: Implications for Melanoma Progression along Extravascular Pathways. Scientific Reports, 2016, 6, 23834.	3.3	80
4	Angiotropism, Pericytic Mimicry and Extravascular Migratory Metastasis in Melanoma: An Alternative to Intravascular Cancer Dissemination. Cancer Microenvironment, 2014, 7, 139-152.	3.1	73
5	Fluorescent Image–Guided Surgery with an Anti-Prostate Stem Cell Antigen (PSCA) Diabody Enables Targeted Resection of Mouse Prostate Cancer Xenografts in Real Time. Clinical Cancer Research, 2016, 22, 1403-1412.	7.0	40
6	Angiotropism and extravascular migratory metastasis in cutaneous and uveal melanoma progression in a zebrafish model. Scientific Reports, 2018, 8, 10448.	3.3	33
7	Self-Sorting Microscale Compartmentalized Block Copolypeptide Hydrogels. ACS Macro Letters, 2019, 8, 1275-1279.	4.8	17
8	Human Neural Stem Cells Flown into Space Proliferate and Generate Young Neurons. Applied Sciences (Switzerland), 2019, 9, 4042.	2.5	9
9	Deep Learning to Refocus 3D Images. Optics and Photonics News, 2020, 31, 57.	0.5	1
10	Deep-Z: 3D Virtual Refocusing of Fluorescence Images Using Deep Learning. , 2020, , .		1
11	Generative Adversarial Networks Enable Cross-Modality Super-Resolution in Fluorescence Microscopy. Microscopy and Microanalysis, 2019, 25, 1228-1229.	0.4	0
12	Deep Learning-based Virtual Refocusing of Fluorescence Microscopy Images for Neuron Imaging in 3D. , 2020, , .		0