Emmanuel G Reynaud

List of Publications by Citations

42 papers	3,342 citations	20 h-index	47 g-index
47 ext. papers	3,818 ext. citations	7.8 avg, IF	5.27 L-index

#	Paper	IF	Citations
42	The third dimension bridges the gap between cell culture and live tissue. *Nature Reviews Molecular Cell Biology*, **2007**, 8, 839-45	48.7	1881
41	Mechanosensing in actin stress fibers revealed by a close correlation between force and protein localization. *Journal of Cell Science*, **2009**, 122, 1665-79	5.3	206
40	Guide to light-sheet microscopy for adventurous biologists. *Nature Methods*, **2015**, 12, 30-4	21.6	135
39	Light sheet-based fluorescence microscopy: more dimensions, more photons, and less photodamage. *HFSP Journal*, **2008**, 2, 266-75		134
38	Three-dimensional tissue cultures: current trends and beyond. *Cell and Tissue Research*, **2013**, 352, 123-31	4.2	125
37	In migrating cells, the Golgi complex and the position of the centrosome depend on geometrical constraints of the substratum. *Journal of Cell Science*, **2008**, 121, 2406-14	5.3	113
36	p57(Kip2) stabilizes the MyoD protein by inhibiting cyclin E-Cdk2 kinase activity in growing myoblasts. *Molecular and Cellular Biology*, **1999**, 19, 7621-9	4.8	90
35	Stabilization of MyoD by direct binding to p57(Kip2). *Journal of Biological Chemistry*, **2000**, 275, 18767-76	5.4	78
34	Evolution. Intermediate steps. *Science*, **2010**, 330, 1187-8	33.3	63
33	In vivo selective cytoskeleton dynamics quantification in interphase cells induced by pulsed ultraviolet laser nanosurgery. *Traffic*, **2005**, 6, 1093-102	5.7	58
32	The challenging life of wave energy devices at sea: A few points to consider. *Renewable and Sustainable Energy Reviews*, **2015**, 43, 1263-1272	16.2	53
31	Human Lsg1 defines a family of essential GTPases that correlates with the evolution of compartmentalization. *BMC Biology*, **2005**, 3, 21	7.3	44
30	Three-dimensional Fluorescence Lifetime Imaging with a Single Plane Illumination Microscope provides an improved signal to noise ratio. *Optics Express*, **2011**, 19, 20743-50	3.3	41
29	Three-dimensional laser microsurgery in light-sheet based microscopy (SPIM). *Optics Express*, **2007**, 15, 6420-30	3.3	38
28	Transitional forms between the three domains of life and evolutionary implications. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 3321-8	4.4	35
27	End to End Digitisation and Analysis of Three-Dimensional Coral Models, from Communities to Corallites. *PLoS ONE*, **2016**, 11, e0149641	3.7	30
26	The future of three-dimensional microscopic imaging in marine biology. *Marine Ecology*, **2011**, 32, 438-452	2.4	23

25	A novel laser nanosurgery approach supports de novo Golgi biogenesis in mammalian cells. *Journal of Cell Science*, **2011**, 124, 978-87	5.3	21
24	Investigating relaxation processes in cells and developing organisms: from cell ablation to cytoskeleton nanosurgery. *Methods in Cell Biology*, **2007**, 82, 267-91	1.8	21
23	Dimerization of the amino terminal domain of p57Kip2 inhibits cyclin D1-cdk4 kinase activity. *Oncogene*, **2000**, 19, 1147-52	9.2	20
22	A 3-D cell culture system to study epithelia functions using microcarriers. *Cytotechnology*, **2016**, 68, 1813-25	2.2	16
21	A correlative light and electron microscopy method based on laser micropatterning and etching. *Methods in Molecular Biology*, **2008**, 457, 203-13	1.4	16
20	Liquid-phase 3D bioprinting of gelatin alginate hydrogels: influence of printing parameters on hydrogel line width and layer height. *Bio-Design and Manufacturing*, **2019**, 2, 172-180	4.7	14
19	Subcellular nanosurgery with a pulsed subnanosecond UV-A laser. *Medical Laser Application: International Journal for Laser Treatment and Research*, **2005**, 20, 217-222		14
18	3D-Printed Peptide-Hydrogel Nanoparticle Composites for Surface-Enhanced Raman Spectroscopy Sensing. *ACS Applied Nano Materials*, **2019**, 2, 5029-5034	5.6	12
17	Looking Inside Marine Organisms with Magnetic Resonance and X-ray Imaging **2013**, 122-184		9
16	Material- and feature-dependent effects on cell adhesion to micro injection moulded medical polymers. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 46-54	6	9
15	Applications for advanced 3D imaging, modelling, and printing techniques for the biological sciences **2016**,		7
14	Long-term survey of a syringe-dispensing machine needle exchange program: answering public concerns. *Harm Reduction Journal*, **2014**, 11, 16	4.6	5
13	An Experimental Study of the Hydrodynamic Effects of Marine Growth on Wave Energy Converters **2013**,		4
12	New Solutions in Underwater Imaging and Vision Systems **2013**, 22-47		3
11	Reading the Evolution of Compartmentalization in the Ribosome Assembly Toolbox: The YRG Protein Family. *PLoS ONE*, **2017**, 12, e0169750	3.7	2
10	Confocal Laser Scanning Microscopy Detailed Three-Dimensional Morphological Imaging of Marine Organisms **2013**, 68-91		2
9	Imaging Marine Life with a Thin Light-Sheet **2013**, 186-209		2
8	3D imaging of undissected optically cleared Anopheles stephensi mosquitoes and midguts infected with Plasmodium parasites. *PLoS ONE*, **2020**, 15, e0238134	3.7	2

7	Assessing the Capabilities of Additive Manufacturing Technologies for Coral Studies, Education, and Monitoring. *Frontiers in Marine Science*, **2018**, 5,	4.5	2
6	Ex-situ Macro Photography of Marine Life **2013**, 210-233		1
5	Holographic Microscopy of Marine Organisms **2013**, 48-66		1
4	Electron Microscopy Techniques for Imaging Marine Phytoplankton **2013**, 110-121		
3	Optical Projection Tomography **2013**, 92-109		
2	Under the Eye of Neptune: An Historical Perspective of Marine Creature Imagery **2013**, 2-21		
1	Automated Image Processing in Marine Biology **2013**, 234-248		