

Emmanuel G Reynaud

List of Publications by Year in descending order

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32
papers

4,116
citations

304368

22
h-index

414034

32
g-index

47
all docs

47
docs citations

47
times ranked

7450
citing authors

#	ARTICLE	IF	CITATIONS
1	The third dimension bridges the gap between cell culture and live tissue. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 839-845.	16.1	2,276
2	Mechanosensing in actin stress fibers revealed by a close correlation between force and protein localization. <i>Journal of Cell Science</i> , 2009, 122, 1665-1679.	1.2	235
3	Guide to light-sheet microscopy for adventurous biologists. <i>Nature Methods</i> , 2015, 12, 30-34.	9.0	191
4	Light sheet-based fluorescence microscopy: More dimensions, more photons, and less photodamage. <i>HFSP Journal</i> , 2008, 2, 266-275.	2.5	180
5	Three-dimensional tissue cultures: current trends and beyond. <i>Cell and Tissue Research</i> , 2013, 352, 123-131.	1.5	149
6	In migrating cells, the Golgi complex and the position of the centrosome depend on geometrical constraints of the substratum. <i>Journal of Cell Science</i> , 2008, 121, 2406-2414.	1.2	139
7	p57 ^{Kip2} Stabilizes the MyoD Protein by Inhibiting Cyclin E-Cdk2 Kinase Activity in Growing Myoblasts. <i>Molecular and Cellular Biology</i> , 1999, 19, 7621-7629.	1.1	97
8	Stabilization of MyoD by Direct Binding to p57Kip2. <i>Journal of Biological Chemistry</i> , 2000, 275, 18767-18776.	1.6	88
9	The challenging life of wave energy devices at sea: A few points to consider. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1263-1272.	8.2	80
10	Intermediate Steps. <i>Science</i> , 2010, 330, 1187-1188.	6.0	68
11	In vivo Selective Cytoskeleton Dynamics Quantification in Interphase Cells Induced by Pulsed Ultraviolet Laser Nanosurgery. <i>Traffic</i> , 2005, 6, 1093-1102.	1.3	63
12	Three-dimensional laser microsurgery in light-sheet based microscopy (SPIM). <i>Optics Express</i> , 2007, 15, 6420.	1.7	55
13	Human Lsg1 defines a family of essential GTPases that correlates with the evolution of compartmentalization. <i>BMC Biology</i> , 2005, 3, 21.	1.7	49
14	Three-dimensional Fluorescence Lifetime Imaging with a Single Plane Illumination Microscope provides an improved Signal to Noise Ratio. <i>Optics Express</i> , 2011, 19, 20743.	1.7	44
15	End to End Digitisation and Analysis of Three-Dimensional Coral Models, from Communities to Corallites. <i>PLoS ONE</i> , 2016, 11, e0149641.	1.1	41
16	Transitional forms between the three domains of life and evolutionary implications. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3321-3328.	1.2	40
17	The future of three-dimensional microscopic imaging in marine biology. <i>Marine Ecology</i> , 2011, 32, 438-452.	0.4	35
18	Liquid-phase 3D bioprinting of gelatin alginate hydrogels: influence of printing parameters on hydrogel line width and layer height. <i>Bio-Design and Manufacturing</i> , 2019, 2, 172-180.	3.9	29

#	ARTICLE	IF	CITATIONS
19	A novel laser nanosurgery approach supports de novo Golgi biogenesis in mammalian cells. <i>Journal of Cell Science</i> , 2011, 124, 978-987.	1.2	27
20	3D-Printed Peptide-Hydrogel Nanoparticle Composites for Surface-Enhanced Raman Spectroscopy Sensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 5029-5034.	2.4	26
21	Investigating Relaxation Processes in Cells and Developing Organisms: From Cell Ablation to Cytoskeleton Nanosurgery. <i>Methods in Cell Biology</i> , 2007, 82, 267-291.	0.5	24
22	A 3-D cell culture system to study epithelia functions using microcarriers. <i>Cytotechnology</i> , 2016, 68, 1813-1825.	0.7	23
23	Dimerization of the amino terminal domain of p57Kip2 inhibits cyclin D1-Cdk4 kinase activity. <i>Oncogene</i> , 2000, 19, 1147-1152.	2.6	22
24	A Correlative Light and Electron Microscopy Method Based on Laser Micropatterning and Etching. <i>Methods in Molecular Biology</i> , 2008, 457, 203-213.	0.4	17
25	Subcellular nanosurgery with a pulsed subnanosecond UV-A laser. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2005, 20, 217-222.	0.4	15
26	Material- and feature-dependent effects on cell adhesion to micro injection moulded medical polymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 46-54.	2.5	14
27	Applications for advanced 3D imaging, modelling, and printing techniques for the biological sciences. , 2016, , .		13
28	Long-term survey of a syringe-dispensing machine needle exchange program: answering public concerns. <i>Harm Reduction Journal</i> , 2014, 11, 16.	1.3	10
29	3D imaging of undissected optically cleared <i>Anopheles stephensi</i> mosquitoes and midguts infected with <i>Plasmodium</i> parasites. <i>PLoS ONE</i> , 2020, 15, e0238134.	1.1	8
30	Assessing the Capabilities of Additive Manufacturing Technologies for Coral Studies, Education, and Monitoring. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	7
31	Reading the Evolution of Compartmentalization in the Ribosome Assembly Toolbox: The YRC Protein Family. <i>PLoS ONE</i> , 2017, 12, e0169750.	1.1	6
32	An Experimental Study of the Hydrodynamic Effects of Marine Growth on Wave Energy Converters. , 2013, , .		5