

Emmanuel G Reynaud

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

4,116
citations

304743

22
h-index

414414

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. Nature Reviews Molecular Cell Biology, 2007, 8, 839-845.	37.0	2,276
2	Mechanosensing in actin stress fibers revealed by a close correlation between force and protein localization. Journal of Cell Science, 2009, 122, 1665-1679.	2.0	235
3	Guide to light-sheet microscopy for adventurous biologists. Nature Methods, 2015, 12, 30-34.	19.0	191
4	Light sheet-based fluorescence microscopy: More dimensions, more photons, and less photodamage. HFSP Journal, 2008, 2, 266-275.	2.5	180
5	Three-dimensional tissue cultures: current trends and beyond. Cell and Tissue Research, 2013, 352, 123-131.	2.9	149
6	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, 2406-2414.	2.0	139
7	p57 ^{Kip2} Stabilizes the MyoD Protein by Inhibiting Cyclin E-Cdk2 Kinase Activity in Growing Myoblasts. Molecular and Cellular Biology, 1999, 19, 7621-7629.	2.3	97
8	Stabilization of MyoD by Direct Binding to p57Kip2. Journal of Biological Chemistry, 2000, 275, 18767-18776.	3.4	88
9	The challenging life of wave energy devices at sea: A few points to consider. Renewable and Sustainable Energy Reviews, 2015, 43, 1263-1272.	16.4	80
10	Intermediate Steps. Science, 2010, 330, 1187-1188.	12.6	68
11	In vivo Selective Cytoskeleton Dynamics Quantification in Interphase Cells Induced by Pulsed Ultraviolet Laser Nanosurgery. Traffic, 2005, 6, 1093-1102.	2.7	63
12	Three-dimensional laser microsurgery in light-sheet based microscopy (SPIM). Optics Express, 2007, 15, 6420.	3.4	55
13	Human Lsg1 defines a family of essential GTPases that correlates with the evolution of compartmentalization. BMC Biology, 2005, 3, 21.	3.8	49
14	Three-dimensional Fluorescence Lifetime Imaging with a Single Plane Illumination Microscope provides an improved Signal to Noise Ratio. Optics Express, 2011, 19, 20743.	3.4	44
15	End to End Digitisation and Analysis of Three-Dimensional Coral Models, from Communities to Corallites. PLoS ONE, 2016, 11, e0149641.	2.5	41
16	Transitional forms between the three domains of life and evolutionary implications. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3321-3328.	2.6	40
17	The future of three-dimensional microscopic imaging in marine biology. Marine Ecology, 2011, 32, 438-452.	1.1	35
18	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.	7.7	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.	2.0	27
20	3D-Printed Peptide-Hydrogel Nanoparticle Composites for Surface-Enhanced Raman Spectroscopy Sensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 5029-5034.	5.0	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.	1.1	24
22	A 3-D cell culture system to study epithelia functions using microcarriers. <i>Cytotechnology</i> , 2016, 68, 1813-1825.	1.6	23
23	Dimerization of the amino terminal domain of p57Kip2 inhibits cyclin D1-Cdk4 kinase activity. <i>Oncogene</i> , 2000, 19, 1147-1152.	5.9	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.	0.9	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.	0.3	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.	5.0	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.	3.2	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.	2.5	8
30	Assessing the Capabilities of Additive Manufacturing Technologies for Coral Studies, Education, and Monitoring. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	7
31	Reading the Evolution of Compartmentalization in the Ribosome Assembly Toolbox: The YRG Protein Family. <i>PLoS ONE</i> , 2017, 12, e0169750.	2.5	6
32	An Experimental Study of the Hydrodynamic Effects of Marine Growth on Wave Energy Converters. , 2013, , .		5