Emmanuel Reynaud

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7900298/publications.pdf

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39	8,128	279798	276875
papers	citations	23 h-index	41 g-index

44	44	44	13908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The biology of imaging. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20200389.	3.4	1
2	3D imaging of undissected optically cleared Anopheles stephensi mosquitoes and midguts infected with Plasmodium parasites. PLoS ONE, 2020, 15, e0238134.	2.5	8
3	A global ocean atlas of eukaryotic genes. Nature Communications, 2018, 9, 373.	12.8	297
4	Assessing phototoxicity in live fluorescence imaging. Nature Methods, 2017, 14, 657-661.	19.0	346
5	Reading the Evolution of Compartmentalization in the Ribosome Assembly Toolbox: The YRG Protein Family. PLoS ONE, 2017, 12, e0169750.	2.5	6
6	End to End Digitisation and Analysis of Three-Dimensional Coral Models, from Communities to Corallites. PLoS ONE, 2016, 11, e0149641.	2.5	41
7	Material- and feature-dependent effects on cell adhesion to micro injection moulded medical polymers. Colloids and Surfaces B: Biointerfaces, 2016, 145, 46-54.	5.0	14
8	Using hydrogels in microscopy: A tutorial. Micron, 2016, 84, 7-16.	2.2	15
9	A 3-D cell culture system to study epithelia functions using microcarriers. Cytotechnology, 2016, 68, 1813-1825.	1.6	23
10	Determinants of community structure in the global plankton interactome. Science, 2015, 348, 1262073.	12.6	842
11	Structure and function of the global ocean microbiome. Science, 2015, 348, 1261359.	12.6	2,137
12	Guide to light-sheet microscopy for adventurous biologists. Nature Methods, 2015, 12, 30-34.	19.0	191
13	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
14	The Blaschka collection at University College Dublin: rebuilding its history. Journal of the History of Collections, 2014, 26, 63-71.	0.1	2
15	Long-term survey of a syringe-dispensing machine needle exchange program: answering public concerns. Harm Reduction Journal, 2014, 11, 16.	3.2	10
16	Three-dimensional tissue cultures: current trends and beyond. Cell and Tissue Research, 2013, 352, 123-131.	2.9	149
17	A Holistic Approach to Marine Eco-Systems Biology. PLoS Biology, 2011, 9, e1001177.	5.6	353
18	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

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19	The future of three-dimensional microscopic imaging in marine biology. Marine Ecology, 2011, 32, 438-452.	1.1	35
20	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
21	A novel laser nanosurgery approach supports de novo Golgi biogenesis in mammalian cells. Journal of Cell Science, 2011, 124, 978-987.	2.0	27
22	Intermediate Steps. Science, 2010, 330, 1187-1188.	12.6	68
23	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
24	Segmentation-Less 3D Quantitative Image Analysis of Tissue Architecture with Application to the Localization of Organelles in MDCK Cysts. Biophysical Journal, 2009, 96, 297a-298a.	0.5	0
25	Light sheetâ€based fluorescence microscopy: More dimensions, more photons, and less photodamage. HFSP Journal, 2008, 2, 266-275.	2.5	180
26	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
27	Detection of Deformable Objects in 3D Images Using Markov-Chain Monte Carlo and Spherical Harmonics. Lecture Notes in Computer Science, 2008, 11, 1075-1082.	1.3	8
28	Three-dimensional laser microsurgery in light-sheet based microscopy (SPIM). Optics Express, 2007, 15, 6420.	3.4	55
29	Investigating Relaxation Processes in Cells and Developing Organisms: From Cell Ablation to Cytoskeleton Nanosurgery. Methods in Cell Biology, 2007, 82, 267-291.	1.1	24
30	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
31	Detection and Quantification of Protein-Microtubules Interactions Using Green Fluorescent Protein Photoconversion. Traffic, 2006, 7, 1283-1289.	2.7	3
32	Secretory Cargo Regulates the Turnover of COPII Subunits at Single ER Exit Sites. Current Biology, 2006, 16, 173-179.	3.9	126
33	Taxonomic colouring of phylogenetic trees of protein sequences. BMC Bioinformatics, 2006, 7, 79.	2.6	9
34	Scientists for a better world. EMBO Reports, 2005, 6, 103-107.	4.5	1
35	In vivo Selective Cytoskeleton Dynamics Quantification in Interphase Cells Induced by Pulsed Ultraviolet Laser Nanosurgery. Traffic, 2005, 6, 1093-1102.	2.7	63
36	Human Lsg1 defines a family of essential GTPases that correlates with the evolution of compartmentalization. BMC Biology, 2005, 3, 21.	3.8	49

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37	Dimerization of the amino terminal domain of p57Kip2 inhibits cyclin D1-Cdk4 kinase activity. Oncogene, 2000, 19, 1147-1152.	5.9	22
38	Stabilization of MyoD by Direct Binding to p57Kip2. Journal of Biological Chemistry, 2000, 275, 18767-18776.	3.4	88
39	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