

Fabrice Senger

List of Publications by Year in descending order

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14
papers

738
citations

687363

13
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Kank2 activates talin, reduces force transduction across integrins and induces central adhesion formation. <i>Nature Cell Biology</i> , 2016, 18, 941-953.	10.3	144
2	Fast high-resolution 3D total internal reflection fluorescence microscopy by incidence angle scanning and azimuthal averaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17164-17169.	7.1	79
3	Facilitating genome navigation: survey sequencing and dense radiation-hybrid gene mapping. <i>Nature Reviews Genetics</i> , 2005, 6, 643-648.	16.3	69
4	Tailoring cryo-electron microscopy grids by photo-micropatterning for in-cell structural studies. <i>Nature Methods</i> , 2020, 17, 50-54.	19.0	67
5	Microtubule stabilization drives 3D centrosome migration to initiate primary ciliogenesis. <i>Journal of Cell Biology</i> , 2017, 216, 3713-3728.	5.2	64
6	The first radiation hybrid map of a perch-like fish: The gilthead seabream (<i>Sparus aurata</i> L). <i>Genomics</i> , 2006, 87, 793-800.	2.9	59
7	A gene-based radiation hybrid map of the gilthead sea bream <i>Sparus aurata</i> refines and exploits conserved synteny with <i>Tetraodon nigroviridis</i> . <i>BMC Genomics</i> , 2007, 8, 44.	2.8	52
8	Variation in traction forces during cell cycle progression. <i>Biology of the Cell</i> , 2018, 110, 91-96.	2.0	43
9	Histopathology and microcystin distribution in <i>Lymnaea stagnalis</i> (Gastropoda) following toxic cyanobacterial or dissolved microcystin-LR exposure. <i>Aquatic Toxicology</i> , 2010, 98, 211-220.	4.0	39
10	A radiation hybrid map of the European sea bass (<i>Dicentrarchus labrax</i>) based on 1581 markers: Synteny analysis with model fish genomes. <i>Genomics</i> , 2010, 96, 228-238.	2.9	32
11	Dissipation of contractile forces: the missing piece in cell mechanics. <i>Molecular Biology of the Cell</i> , 2017, 28, 1825-1832.	2.1	28
12	Spatial integration of mechanical forces by $\hat{\pm}$ -actinin establishes actin network symmetry. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	25
13	Functional Analysis of a Subset of Canine Olfactory Receptor Genes. <i>Journal of Heredity</i> , 2007, 98, 500-505.	2.4	21
14	The biochemical composition of the actomyosin network sets the magnitude of cellular traction forces. <i>Molecular Biology of the Cell</i> , 2021, 32, 1737-1748.	2.1	8