

# SÃ©bastien Schaub

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

516  
citations

1039406

9  
h-index

1125271

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

962  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Image Super-Resolution by Fluorophore Fluctuations and MA-TIRF Microscopy Reconstruction (3D-COLORME). , 2022, , .		2
2	Fibronectin Extra Domains tune cellular responses and confer topographically distinct features to fibril networks. Journal of Cell Science, 2021, 134, .	1.2	13
3	Proteomic analysis identified LBP and CD14 as key proteins in blood/biphasic calcium phosphate microparticle interactions. Acta Biomaterialia, 2021, 127, 298-312.	4.1	3
4	Tenascin-C Orchestrates an Immune-Suppressive Tumor Microenvironment in Oral Squamous Cell Carcinoma. Cancer Immunology Research, 2020, 8, 1122-1138.	1.6	40
5	Mechanical force-induced morphology changes in a human fungal pathogen. BMC Biology, 2020, 18, 122.	1.7	20
6	NK Cell and Fibroblast-Mediated Regulation of Skin Squamous Cell Carcinoma Invasion by CLEC2A Is Compromised in Xeroderma Pigmentosum. Journal of Investigative Dermatology, 2020, 140, 1723-1732.	0.3	15
7	Improving 3D MA-TIRF Reconstruction with Deconvolution and Background Estimation. , 2019, , .		1
8	Quantifying Tubulin Concentration and Microtubule Number Throughout the Fission Yeast Cell Cycle. Biomolecules, 2019, 9, 86.	1.8	25
9	Nanometric axial resolution of fibronectin assembly units achieved with an efficient reconstruction approach for multi-angle-TIRF microscopy. Scientific Reports, 2019, 9, 1926.	1.6	4
10	Migraine-Associated TRESK Mutations Increase Neuronal Excitability through Alternative Translation Initiation and Inhibition of TREK. Neuron, 2019, 101, 232-245.e6.	3.8	99
11	Capture of magnetic nanoparticles on ordered magnetizable arrays: A parametric study. Journal of Magnetism and Magnetic Materials, 2018, 459, 350-355.	1.0	3
12	Classification of the fibronectin variants with curvelets. , 2018, , .		0
13	Fibronectin-guided migration of carcinoma collectives. Nature Communications, 2017, 8, 14105.	5.8	143
14	Counterbalancing anti-adhesive effects of Tenascin-C through fibronectin expression in endothelial cells. Scientific Reports, 2017, 7, 12762.	1.6	18
15	Heterodimerization within the TREK channel subfamily produces a diverse family of highly regulated potassium channels. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4194-4199.	3.3	59
16	A framework for multi-angle TIRF microscope calibration. , 2016, , .		2
17	A 3D model with shape prior information for biological structures reconstruction using multiple-angle total internal reflection fluorescence microscopy. , 2014, , .		5
18	Sparse reconstruction from Multiple-Angle Total Internal Reflection fluorescence Microscopy. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Autocrine fibronectin directs matrix assembly and crosstalk between cellâ€‘matrix and cellâ€‘cell adhesion in vascular endothelial cells. <i>Journal of Cell Science</i> , 2010, 123, 3989-3999.	1.2	64