

# Corinne Albiges-Rizo

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,523  
citations

471371

17  
h-index

580701

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential bioactivity of four BMP-family members as function of biomaterial stiffness. <i>Biomaterials</i> , 2022, 281, 121363.	5.7	16
2	Surface Co-presentation of BMP-2 and integrin selective ligands at the nanoscale favors $\beta 1$ integrin-mediated adhesion. <i>Biomaterials</i> , 2021, 267, 120484.	5.7	15
3	Cross-talk between the calcium channel TRPV4 and reactive oxygen species interlocks adhesive and degradative functions of invadosomes. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	10
4	CCM2-deficient endothelial cells undergo a ROCK-dependent reprogramming into senescence-associated secretory phenotype. <i>Angiogenesis</i> , 2021, 24, 843-860.	3.7	12
5	Stick-slip dynamics of cell adhesion triggers spontaneous symmetry breaking and directional migration of mesenchymal cells on one-dimensional lines. <i>Science Advances</i> , 2020, 6, eaau5670.	4.7	56
6	Heparan sulfate co-immobilized with cRGD ligands and BMP2 on biomimetic platforms promotes BMP2-mediated osteogenic differentiation. <i>Acta Biomaterialia</i> , 2020, 114, 90-103.	4.1	20
7	Learning from BMPs and their biophysical extracellular matrix microenvironment for biomaterial design. <i>Bone</i> , 2020, 141, 115540.	1.4	22
8	Immunofluorescence of Cellâ€“Cell and Cellâ€“Extracellular Matrix Adhesive Defects in In Vitro Endothelial CCM Model: Juxtacrine Role of Mutant Extracellular Matrix on Wild-Type Endothelial Cells. <i>Methods in Molecular Biology</i> , 2020, 2152, 401-416.	0.4	2
9	Cerebral Caverosus Malformation 1/2 complex controls ROCK1 and ROCK2 complementary functions for endothelial integrity. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	36
10	ICAP-1 monoubiquitination coordinates matrix density and rigidity sensing for cell migration through ROCK2- MRCK $\beta$ balance. <i>Journal of Cell Science</i> , 2017, 130, 626-636.	1.2	7
11	Mechanotransduction pulls the strings of matrix degradation at invadosome. <i>Matrix Biology</i> , 2017, 57-58, 190-203.	1.5	15
12	Stiffness-dependent cellular internalization of matrix-bound BMP-2 and its relation to Smad and non-Smad signaling. <i>Acta Biomaterialia</i> , 2016, 46, 55-67.	4.1	29
13	$\beta 3$ integrinâ€“mediated spreading induced by matrix-bound BMP-2 controls Smad signaling in a stiffness-independent manner. <i>Journal of Cell Biology</i> , 2016, 212, 693-706.	2.3	64
14	CCM proteins control endothelial $\beta 1$ integrin dependent response to shear stress. <i>Biology Open</i> , 2014, 3, 1228-1235.	0.6	40
15	Cerebral cavernous malformations: from CCM genes to endothelial cell homeostasis. <i>Trends in Molecular Medicine</i> , 2013, 19, 302-308.	3.5	168
16	CCM1â€“ICAP-1 complex controls $\beta 1$ integrinâ€“dependent endothelial contractility and fibronectin remodeling. <i>Journal of Cell Biology</i> , 2013, 202, 545-561.	2.3	93
17	Presentation of BMP $\beta 2$ from a Soft Biopolymeric Film Unveils its Activity on Cell Adhesion and Migration. <i>Advanced Materials</i> , 2011, 23, H111-8.	11.1	116
18	Osteoblast mineralization requires $\beta 1$ integrin/ICAP-1â€“dependent fibronectin deposition. <i>Journal of Cell Biology</i> , 2011, 194, 307-322.	2.3	106

#	ARTICLE	IF	CITATIONS
19	Recent insights into cerebral cavernous malformations: a complex jigsaw puzzle under construction. FEBS Journal, 2010, 277, 1084-1096.	2.2	92
20	Actin machinery and mechanosensitivity in invadopodia, podosomes and focal adhesions. Journal of Cell Science, 2009, 122, 3037-3049.	1.2	284
21	Cell adaptive response to extracellular matrix density is controlled by ICAP-1-dependent $\alpha 2$ 1-integrin affinity. Journal of Cell Biology, 2008, 180, 427-441.	2.3	88
22	Defective osteoblast function in ICAP-1-deficient mice. Development (Cambridge), 2007, 134, 2615-2625.	1.2	59
23	Krit $\alpha$ 1 interactions with microtubules and membranes are regulated by Rap1 and integrin cytoplasmic domain associated protein $\beta$ 1. FEBS Journal, 2007, 274, 5518-5532.	2.2	68
24	Down regulation of talin alters cell adhesion and the processing of the $\alpha 5$ 1 integrin. Journal of Cell Science, 1995, 108, 3317-3329.	1.2	100