

# Ulrich Blache

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9208152/publications.pdf>

Version: 2024-02-01

18  
papers

542  
citations

686830

13  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvascular Networks and Models: In Vitro Formation. Reference Series in Biomedical Engineering, 2021, , 345-383.	0.1	1
2	Inhibition of ERK 1/2 kinases prevents tendon matrix breakdown. Scientific Reports, 2021, 11, 6838.	1.6	9
3	Shear-stress sensing by PIEZO1 regulates tendon stiffness in rodents and influences jumping performance in humans. Nature Biomedical Engineering, 2021, 5, 1457-1471.	11.6	54
4	Extrinsic Macrophages Protect While Tendon Progenitors Degrade: Insights from a Tissue Engineered Model of Tendon Compartmental Crosstalk. Advanced Healthcare Materials, 2021, 10, e2100741.	3.9	11
5	Tendon tissue microdamage and the limits of intrinsic repair. Matrix Biology, 2020, 85-86, 68-79.	1.5	30
6	Tendon response to matrix unloading is determined by the patho-physiological niche. Matrix Biology, 2020, 89, 11-26.	1.5	36
7	Harnessing the secreted extracellular matrix to engineer tissues. Nature Biomedical Engineering, 2020, 4, 357-363.	11.6	62
8	Extracellular Matrix Production by Mesenchymal Stromal Cells in Hydrogels Facilitates Cell Spreading and Is Inhibited by FGF $\beta$ . Advanced Healthcare Materials, 2020, 9, 1901669.	3.9	31
9	Smart Hydrogels for the Augmentation of Bone Regeneration by Endogenous Mesenchymal Progenitor Cell Recruitment. Advanced Science, 2020, 7, 1903395.	5.6	46
10	Tendon explant models for physiologically relevant <i>in vitro</i> study of tissue biology â€“ a perspective. Connective Tissue Research, 2020, 61, 262-277.	1.1	34
11	Mesenchymal stromal cell activation by breast cancer secretomes in bioengineered 3D microenvironments. Life Science Alliance, 2019, 2, e201900304.	1.3	37
12	Inspired by Nature: Hydrogels as Versatile Tools for Vascular Engineering. Advances in Wound Care, 2018, 7, 232-246.	2.6	41
13	Notch $\beta$ -inducing hydrogels reveal a perivascular switch of mesenchymal stem cell fate. EMBO Reports, 2018, 19, .	2.0	43
14	Microvascular Networks and Models, In vitro Formation. , 2018, , 1-40.		0
15	Dual phenotype of MDA-MB-468 cancer cells reveals mutual regulation of tensin3 and adhesion plasticity. Journal of Cell Science, 2017, 130, 2172-2184.	1.2	10
16	Dual Role of Mesenchymal Stem Cells Allows for Microvascularized Bone Tissue-Like Environments in PEG Hydrogels. Advanced Healthcare Materials, 2016, 5, 489-498.	3.9	51
17	Cell-Mediated Proteolytic Release of Growth Factors from Poly(Ethylene Glycol) Matrices. Macromolecular Bioscience, 2016, 16, 1703-1713.	2.1	19
18	The impact of cell-specific absorption properties on the correlation of electron transport rates measured by chlorophyll fluorescence and photosynthetic oxygen production in planktonic algae. Plant Physiology and Biochemistry, 2011, 49, 801-808.	2.8	26