

Dominic RÃ¼tsche

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Optimized Photoclick (Bio)Resins for Fast Volumetric Bioprinting. <i>Advanced Materials</i> , 2021, 33, e2102900.	21.0	49
2	Mechanical stimulation induces rapid fibroblast proliferation and accelerates the early maturation of human skin substitutes. <i>Biomaterials</i> , 2021, 273, 120779.	11.4	39
3	Engineered Sulfated Polysaccharides for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2010732.	14.9	37
4	Bio-engineering a prevascularized human tri-layered skin substitute containing a hypodermis. <i>Acta Biomaterialia</i> , 2021, 134, 215-227.	8.3	25
5	Bioprinting and plastic compression of large pigmented and vascularized human dermo-epidermal skin substitutes by means of a new robotic platform. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142210885.	5.5	15
6	Human Basal and Suprabasal Keratinocytes Are Both Able to Generate and Maintain Dermo-epidermal Skin Substitutes in Long-Term In Vivo Experiments. <i>Cells</i> , 2022, 11, 2156.	4.1	5
7	The Role of CD200 Receptor in Human Blood and Lymphatic Endothelial Cells in the Regulation of Skin Tissue Inflammation. <i>Cells</i> , 2022, 11, 1055.	4.1	3
8	Expression Profile of CD157 Reveals Functional Heterogeneity of Capillaries in Human Dermal Skin. <i>Biomedicines</i> , 2022, 10, 676.	3.2	2