

Priscilla S Briquez

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,180
citations

430442

18
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

5440
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms of Tumor Immunomodulation in the Microenvironment of Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2782.	1.8	11
2	Therapeutic use of α 2-antiplasmin as an antifibrinolytic and hemostatic agent in surgery and regenerative medicine. <i>Npj Regenerative Medicine</i> , 2022, 7, .	2.5	6
3	Robust coupling of angiogenesis and osteogenesis by VEGF-decorated matrices for bone regeneration. <i>Acta Biomaterialia</i> , 2022, 149, 111-125.	4.1	26
4	Lymphangiogenesis-inducing vaccines elicit potent and long-lasting T cell immunity against melanomas. <i>Science Advances</i> , 2021, 7, .	4.7	36
5	Engineered bridge protein with dual affinity for bone morphogenetic protein-2 and collagen enhances bone regeneration for spinal fusion. <i>Science Advances</i> , 2021, 7, .	4.7	24
6	Polysomes Decorated with the SARS-CoV-2 Spike Protein Receptor-Binding Domain Elicit Robust Humoral and Cellular Immunity. <i>ACS Central Science</i> , 2021, 7, 1368-1380.	5.3	21
7	Robust Angiogenesis and Arteriogenesis in the Skin of Diabetic Mice by Transient Delivery of Engineered VEGF and PDGF-BB Proteins in Fibrin Hydrogels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 688467.	2.0	18
8	Generation of potent cellular and humoral immunity against SARS-CoV-2 antigens via conjugation to a polymeric glyco-adjuvant. <i>Biomaterials</i> , 2021, 278, 121159.	5.7	23
9	VEGF-A, PDGF-BB and HB-EGF engineered for promiscuous super affinity to the extracellular matrix improve wound healing in a model of type 1 diabetes. <i>Npj Regenerative Medicine</i> , 2021, 6, 76.	2.5	27
10	Growth factors with enhanced syndecan binding generate tonic signalling and promote tissue healing. <i>Nature Biomedical Engineering</i> , 2020, 4, 463-475.	11.6	53
11	Engineering Targeting Materials for Therapeutic Cancer Vaccines. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 19.	2.0	23
12	Laminin heparin-binding peptides bind to several growth factors and enhance diabetic wound healing. <i>Nature Communications</i> , 2018, 9, 2163.	5.8	150
13	Promoting tissue regeneration by modulating the immune system. <i>Acta Biomaterialia</i> , 2017, 53, 13-28.	4.1	537
14	Local induction of lymphangiogenesis with engineered fibrin-binding VEGF-C promotes wound healing by increasing immune cell trafficking and matrix remodeling. <i>Biomaterials</i> , 2017, 131, 160-175.	5.7	92
15	Human Kunitz-type protease inhibitor engineered for enhanced matrix retention extends longevity of fibrin biomaterials. <i>Biomaterials</i> , 2017, 135, 1-9.	5.7	12
16	Design principles for therapeutic angiogenic materials. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	125
17	Engineering growth factors for regenerative medicine applications. <i>Acta Biomaterialia</i> , 2016, 30, 1-12.	4.1	273
18	Extracellular Matrix and Growth Factor Engineering for Controlled Angiogenesis in Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 45.	2.0	159

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19	Extracellular Matrix-Inspired Growth Factor Delivery Systems for Skin Wound Healing. <i>Advances in Wound Care</i> , 2015, 4, 479-489.	2.6	187
20	Extracellular matrix-inspired growth factor delivery systems for bone regeneration. <i>Advanced Drug Delivery Reviews</i> , 2015, 94, 41-52.	6.6	214
21	Growth Factors Engineered for Super-Affinity to the Extracellular Matrix Enhance Tissue Healing. <i>Science</i> , 2014, 343, 885-888.	6.0	406
22	Engineering the Regenerative Microenvironment with Biomaterials. <i>Advanced Healthcare Materials</i> , 2013, 2, 57-71.	3.9	329
23	Heparin-binding domain of fibrin(ogen) binds growth factors and promotes tissue repair when incorporated within a synthetic matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4563-4568.	3.3	401
24	Fibronectin Binding Modulates CXCL11 Activity and Facilitates Wound Healing. <i>PLoS ONE</i> , 2013, 8, e79610.	1.1	26