# Priscilla S Briquez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4636538/publications.pdf

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|---|---|---|---|
| 24<br>papers | 3,180<br>citations | 430442<br>18<br>h-index | 610482<br>24<br>g-index |
| 26<br>all docs | 26<br>docs citations | 26<br>times ranked | 5440<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Promoting tissue regeneration by modulating the immune system. Acta Biomaterialia, 2017, 53, 13-28. | 4.1 | 537 |
| 2 | Growth Factors Engineered for Super-Affinity to the Extracellular Matrix Enhance Tissue Healing. Science, 2014, 343, 885-888. | 6.0 | 406 |
| 3 | Heparin-binding domain of fibrin(ogen) binds growth factors and promotes tissue repair when incorporated within a synthetic matrix. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4563-4568. | 3.3 | 401 |
| 4 | Engineering the Regenerative Microenvironment with Biomaterials. Advanced Healthcare Materials, 2013, 2, 57-71. | 3.9 | 329 |
| 5 | Engineering growth factors for regenerative medicine applications. Acta Biomaterialia, 2016, 30, 1-12. | 4.1 | 273 |
| 6 | Extracellular matrix-inspired growth factor delivery systems for bone regeneration. Advanced Drug Delivery Reviews, 2015, 94, 41-52. | 6.6 | 214 |
| 7 | Extracellular Matrix-Inspired Growth Factor Delivery Systems for Skin Wound Healing. Advances in Wound Care, 2015, 4, 479-489. | 2.6 | 187 |
| 8 | Extracellular Matrix and Growth Factor Engineering for Controlled Angiogenesis in Regenerative Medicine. Frontiers in Bioengineering and Biotechnology, 2015, 3, 45. | 2.0 | 159 |
| 9 | Laminin heparin-binding peptides bind to several growth factors and enhance diabetic wound healing. Nature Communications, 2018, 9, 2163. | 5.8 | 150 |
| 10 | Design principles for therapeutic angiogenic materials. Nature Reviews Materials, 2016, 1, . | 23.3 | 125 |
| 11 | Local induction of lymphangiogenesis with engineered fibrin-binding VEGF-C promotes wound healing by increasing immune cell trafficking and matrix remodeling. Biomaterials, 2017, 131, 160-175. | 5.7 | 92 |
| 12 | Growth factors with enhanced syndecan binding generate tonic signalling and promote tissue healing. Nature Biomedical Engineering, 2020, 4, 463-475. | 11.6 | 53 |
| 13 | Lymphangiogenesis-inducing vaccines elicit potent and long-lasting T cell immunity against melanomas. Science Advances, 2021, 7, . | 4.7 | 36 |
| 14 | 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. Npj Regenerative Medicine, 2021, 6, 76. | 2.5 | 27 |
| 15 | Fibronectin Binding Modulates CXCL11 Activity and Facilitates Wound Healing. PLoS ONE, 2013, 8, e79610. | 1.1 | 26 |
| 16 | Robust coupling of angiogenesis and osteogenesis by VEGF-decorated matrices for bone regeneration. Acta Biomaterialia, 2022, 149, 111-125. | 4.1 | 26 |
| 17 | Engineered bridge protein with dual affinity for bone morphogenetic protein-2 and collagen enhances bone regeneration for spinal fusion. Science Advances, 2021, 7, . | 4.7 | 24 |
| 18 | Generation of potent cellular and humoral immunity against SARS-CoV-2 antigens via conjugation to a polymeric glyco-adjuvant. Biomaterials, 2021, 278, 121159. | 5.7 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Engineering Targeting Materials for Therapeutic Cancer Vaccines. Frontiers in Bioengineering and Biotechnology, 2020, 8, 19. | 2.0 | 23 |
| 20 | Polymersomes Decorated with the SARS-CoV-2 Spike Protein Receptor-Binding Domain Elicit Robust Humoral and Cellular Immunity. ACS Central Science, 2021, 7, 1368-1380. | 5.3 | 21 |
| 21 | Robust Angiogenesis and Arteriogenesis in the Skin of Diabetic Mice by Transient Delivery of Engineered VEGF and PDGF-BB Proteins in Fibrin Hydrogels. Frontiers in Bioengineering and Biotechnology, 2021, 9, 688467. | 2.0 | 18 |
| 22 | Human Kunitz-type protease inhibitor engineered for enhanced matrix retention extends longevity of fibrin biomaterials. Biomaterials, 2017, 135, 1-9. | 5.7 | 12 |
| 23 | Molecular Mechanisms of Tumor Immunomodulation in the Microenvironment of Colorectal Cancer. International Journal of Molecular Sciences, 2022, 23, 2782. | 1.8 | 11 |
| 24 | Therapeutic use of Î±2-antiplasmin as an antifibrinolytic and hemostatic agent in surgery and regenerative medicine. Npj Regenerative Medicine, 2022, 7, . | 2.5 | 6 |