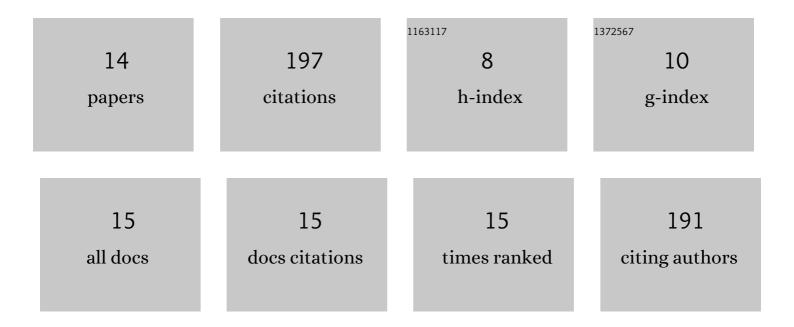
Colin J Boyle

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5988602/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Skin wrinkles and folds enable asymmetric stretch in the elephant trunk. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 14 |
| 2 | Quantifying the tolerance of chick hip joint development to temporary paralysis and the potential for recovery. Developmental Dynamics, 2021, 250, 450-464. | 1.8 | 13 |
| 3 | Can plantar fibroblast implantation protect amputees from skin injury? A recipe for skin augmentation. Experimental Dermatology, 2021, 30, 1829-1833. | 2.9 | 1 |
| 4 | Harnessing the Secretome of Hair Follicle Fibroblasts to Accelerate ExÂVivo Healing ofÂHuman Skin Wounds. Journal of Investigative Dermatology, 2020, 140, 1075-1084.e11. | 0.7 | 6 |
| 5 | Lateral pressure equalisation as a principle for designing support surfaces to prevent deep tissue pressure ulcers. PLoS ONE, 2020, 15, e0227064. | 2.5 | 8 |
| 6 | Modelling the effects of age-related morphological and mechanical skin changes on the stimulation of tactile mechanoreceptors. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104073. | 3.1 | 13 |
| 7 | Title is missing!. , 2020, 15, e0227064. | | 0 |
| 8 | Title is missing!. , 2020, 15, e0227064. | | 0 |
| 9 | Title is missing!. , 2020, 15, e0227064. | | Ο |
| 10 | Title is missing!. , 2020, 15, e0227064. | | 0 |
| 11 | Morphology and composition play distinct and complementary roles in the tolerance of plantar skin to mechanical load. Science Advances, 2019, 5, eaay0244. | 10.3 | 37 |
| 12 | Application of a mechanobiological simulation technique to stents used clinically. Journal of Biomechanics, 2013, 46, 918-924. | 2.1 | 24 |
| 13 | In Silico Prediction of the Mechanobiological Response of Arterial Tissue: Application to Angioplasty and Stenting. Journal of Biomechanical Engineering, 2011, 133, 081001. | 1.3 | 42 |
| 14 | Computational simulation methodologies for mechanobiological modelling: a cell-centred approach to neointima development in stents. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2919-2935. | 3.4 | 39 |