Michael Haug

List of Publications by Year
in descending order

7 papers	67 citations	1937685 4 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	79 citing authors

#	Article	IF	Citations
1	Early signs of architectural and biomechanical failure in isolated myofibers and immortalized myoblasts from desmin-mutant knock-in mice. Scientific Reports, 2017, 7, 1391.	3.3	35
2	Impact of prolonged sepsis on neural and muscular components of muscle contractions in a mouse model. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 443-455.	7.3	10
3	The MyoRobot technology discloses a premature biomechanical decay of skeletal muscle fiber bundles derived from R349P desminopathy mice. Scientific Reports, 2019, 9, 10769.	3.3	6
4	Single muscle fibre biomechanics and biomechatronics â€“ The challenges, the pitfalls and the future. International Journal of Biochemistry and Cell Biology, 2019, 114, 105563.	2.8	6
5	MyoBio: An Automated Bioreactor System Technology for Standardized Perfusion-Decellularization of Whole Skeletal Muscle. IEEE Transactions on Biomedical Engineering, 2022, 69, 2305-2313.	4.2	5
6	Growing Old Too Early: Skeletal Muscle Single Fiber Biomechanics in Ageing R349P Desmin Knock-in Mice Using the MyoRobot Technology. International Journal of Molecular Sciences, 2020, 21, 5501.	4.1	3
7	Structure-Function Relationships in Muscle Fibres: MyoRobot Online Assessment of Muscle Fibre Elasticity and Sarcomere Length Distributions. IEEE Transactions on Biomedical Engineering, 2022, 69, 148-155.	4.2	2