

# Michael Haug

## List of Publications by Year in descending order

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7  
papers

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1937685

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1720034

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docs citations

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