

# Severin Ruoss

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1867106/publications.pdf>

Version: 2024-02-01

17  
papers

420  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lumbar multifidus muscle degenerates in individuals with chronic degenerative lumbar spine pathology. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2700-2706.	2.3	88
2	Regional regulation of focal adhesion kinase after concentric and eccentric loading is related to remodelling of human skeletal muscle. <i>Acta Physiologica</i> , 2018, 223, e13056.	3.8	73
3	Sarcolab pilot study into skeletal muscle's adaptation to long-term spaceflight. <i>Npj Microgravity</i> , 2018, 4, 18.	3.7	62
4	Quantitative changes in focal adhesion kinase and its inhibitor, FRNK, drive load-dependent expression of costamere components. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R647-R657.	1.8	30
5	<scp>ACE</scp> inhibition modifies exercise-induced proangiogenic and mitochondrial gene transcript expression. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 1180-1187.	2.9	27
6	Recovery from 6-month spaceflight at the International Space Station: muscle-related stress into a proinflammatory setting. <i>FASEB Journal</i> , 2019, 33, 5168-5180.	0.5	25
7	Costamere protein expression and tissue composition of rotator cuff muscle after tendon release in sheep. <i>Journal of Orthopaedic Research</i> , 2018, 36, 272-281.	2.3	19
8	Genomic and lipidomic actions of nandrolone on detached rotator cuff muscle in sheep. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 165, 382-395.	2.5	17
9	High-load resistance exercise with superimposed vibration and vascular occlusion increases critical power, capillaries and lean mass in endurance-trained men. <i>European Journal of Applied Physiology</i> , 2014, 114, 123-133.	2.5	15
10	Knee Extensors Muscle Plasticity Over a 5-Years Rehabilitation Process After Open Knee Surgery. <i>Frontiers in Physiology</i> , 2018, 9, 1343.	2.8	12
11	Down-Regulation of Mitochondrial Metabolism after Tendon Release Primes Lipid Accumulation in Rotator Cuff Muscle. <i>American Journal of Pathology</i> , 2020, 190, 1513-1529.	3.8	10
12	Strategies to Identify Mesenchymal Stromal Cells in Minimally Manipulated Human Bone Marrow Aspirate Concentrate Lack Consensus. <i>American Journal of Sports Medicine</i> , 2021, 49, 1313-1322.	4.2	10
13	Neurectomy preserves fast fibers when combined with tenotomy of infraspinatus muscle via upregulation of myogenesis. <i>Muscle and Nerve</i> , 2019, 59, 100-107.	2.2	9
14	Online marketing practices of regenerative medicine clinics in US-Mexico border region: a web surveillance study. <i>Stem Cell Research and Therapy</i> , 2021, 12, 189.	5.5	8
15	Inhibition of calpain delays early muscle atrophy after rotator cuff tendon release in sheep. <i>Physiological Reports</i> , 2018, 6, e13833.	1.7	7
16	Concentric and Eccentric Pedaling-Type Interval Exercise on a Soft Robot for Stable Coronary Artery Disease Patients: Toward a Personalized Protocol. <i>JMIR Research Protocols</i> , 2019, 8, e10970.	1.0	5
17	Acetabular Bone Marrow Aspiration During Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, e815-e819.	2.5	0