

# Dominik Saul

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

805  
citations

687363

13  
h-index

580821

25  
g-index

73  
all docs

73  
docs citations

73  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetics of Aging and Aging-Associated Diseases. International Journal of Molecular Sciences, 2021, 22, 401.	4.1	110
2	Current Methods for Skeletal Muscle Tissue Repair and Regeneration. BioMed Research International, 2018, 2018, 1-11.	1.9	92
3	Determinants for success in climbing: A systematic review. Journal of Exercise Science and Fitness, 2019, 17, 91-100.	2.2	69
4	USP22 exerts tumor-suppressive functions in colorectal cancer by decreasing mTOR activity. Cell Death and Differentiation, 2020, 27, 1328-1340.	11.2	46
5	Hip Fractures: Therapy, Timing, and Complication Spectrum. Orthopaedic Surgery, 2019, 11, 994-1002.	1.8	44
6	Modulation of fracture healing by the transient accumulation of senescent cells. ELife, 2021, 10, .	6.0	37
7	Epidemiology of Vertebral Fractures in Pediatric and Adolescent Patients. Mental Illness, 2018, 10, 7232.	0.8	30
8	Loss of RNF40 Decreases NF- $\kappa$ B Activity in Colorectal Cancer Cells and Reduces Colitis Burden in Mice. Journal of Crohn's and Colitis, 2019, 13, 362-373.	1.3	28
9	Evaluation of ostarine as a selective androgen receptor modulator in a rat model of postmenopausal osteoporosis. Journal of Bone and Mineral Metabolism, 2019, 37, 243-255.	2.7	26
10	Fracture Healing in the Setting of Endocrine Diseases, Aging, and Cellular Senescence. Endocrine Reviews, 2022, 43, 984-1002.	20.1	26
11	Effect of the lipoxygenase-inhibitors baicalein and zileuton on the vertebra in ovariectomized rats. Bone, 2017, 101, 134-144.	2.9	25
12	Effect of the Lipoxygenase Inhibitor Baicalein on Muscles in Ovariectomized Rats. Journal of Nutrition and Metabolism, 2016, 2016, 1-14.	1.8	18
13	Single-Cell Transcriptomics Reveals the Expression of Aging- and Senescence-Associated Genes in Distinct Cancer Cell Populations. Cells, 2021, 10, 3126.	4.1	18
14	Comparison of parathyroid hormone and strontium ranelate in combination with whole-body vibration in a rat model of osteoporosis. Journal of Bone and Mineral Metabolism, 2017, 35, 31-39.	2.7	17
15	Effect of Strontium Ranelate on the Muscle and Vertebrae of Ovariectomized Rats. Calcified Tissue International, 2018, 102, 705-719.	3.1	12
16	The Effect of Gender-Affirming Hormone Therapy on Serum Creatinine in Transgender Individuals. Endocrine Practice, 2022, 28, 52-57.	2.1	12
17	Effect of the lipoxygenase inhibitor baicalein on bone tissue and bone healing in ovariectomized rats. Nutrition and Metabolism, 2019, 16, 4.	3.0	11
18	Dextran Sodium Sulfate-induced Colitis as a Model for Sarcopenia in Mice. Inflammatory Bowel Diseases, 2020, 26, 56-65.	1.9	11

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19	Bone Marrow Adiposity in Models of Radiation- and Aging-Related Bone Loss Is Dependent on Cellular Senescence. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 997-1011.	2.8	11
20	Effect of zileuton on osteoporotic bone and its healing, expression of bone, and brain genes in rats. <i>Journal of Applied Physiology</i> , 2018, 124, 118-130.	2.5	10
21	USP22 Suppresses SPARC Expression in Acute Colitis and Inflammation-Associated Colorectal Cancer. <i>Cancers</i> , 2021, 13, 1817.	3.7	10
22	RNF20 and RNF40 regulate vitamin D receptor-dependent signaling in inflammatory bowel disease. <i>Cell Death and Differentiation</i> , 2021, 28, 3161-3175.	11.2	10
23	Comparison of Grip Strength in Recreational Climbers and Non-Climbing Athletes—A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 129.	2.6	10
24	C-reactive protein in spinal surgery: more predictive than prehistoric. <i>European Spine Journal</i> , 2021, 30, 1261-1269.	2.2	9
25	Resection of Medial Talocalcaneal Coalition With Interposition of a Pediculated Flap of Tibialis Posterior Tendon Sheath. <i>Foot and Ankle International</i> , 2018, 39, 935-941.	2.3	7
26	Chronic hyponatremia in patients with proximal femoral fractures after low energy trauma: A retrospective study in a level-1 trauma center. <i>Bone Reports</i> , 2020, 12, 100234.	0.4	7
27	Biomechanical Effects of a Cross Connector in Sacral Fractures – A Finite Element Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 669321.	4.1	7
28	Cell Type-Specific Induction of Inflammation-Associated Genes in Crohn's Disease and Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3082.	4.1	7
29	Of Cestodes and Men: Surgical Treatment of a Spinal Hydatid Cyst. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 086-090.	0.8	6
30	Reduction of postoperative swelling with a negative pressure treatment—A prospective study. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902092916.	1.0	6
31	Update on Approved Osteoporosis Therapies Including Combination and Sequential Use of Agents. <i>Endocrinology and Metabolism Clinics of North America</i> , 2021, 50, 179-191.	3.2	6
32	Hangboard training in advanced climbers: A randomized controlled trial. <i>Scientific Reports</i> , 2021, 11, 13530.	3.3	6
33	Predicting the disaster – The role of CRP in acetabular surgery. <i>Clinical Biochemistry</i> , 2021, 94, 48-55.	1.9	5
34	Combination of selective androgen and estrogen receptor modulators in orchietomized rats. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 1555-1568.	3.3	5
35	Intestinal Inflammation and Tumor Burden as Determinants for Bone Fragility in APC-Driven Tumorigenesis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2386-2393.	1.9	4
36	Total disc arthroplasties change the kinematics of functional spinal units during lateral bending. <i>Clinical Biomechanics</i> , 2020, 73, 130-139.	1.2	4

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37	Changes in Musculoskeletal System and Metabolism in Osteoporotic Rats Treated With Urocortin. <i>Frontiers in Endocrinology</i> , 2019, 10, 400.	3.5	3
38	Total disc arthroplasties alter the characteristics of the instantaneous helical axis of the cervical functional spinal units C3/C4 and C5/C6 during flexion and extension in in vitro conditions. <i>Journal of Biomechanics</i> , 2020, 100, 109608.	2.1	3
39	Costal Cartilage Calcification: Prevalence, Amount, and Structural Pattern in the General Population and Its Association with Age: A Cadaveric Study. <i>Facial Plastic Surgery and Aesthetic Medicine</i> , 2021, , .	0.9	3
40	Surgical defect reconstructions in knee, lower leg, and foot with flaps: a retrospective analysis. <i>European Journal of Plastic Surgery</i> , 2020, 43, 425-434.	0.6	2
41	Inhibition of Lipoxygenases Showed No Benefit for the Musculoskeletal System in Estrogen Deficient Rats. <i>Frontiers in Endocrinology</i> , 2021, 12, 706504.	3.5	2
42	Recreational climbers are more conscientious than recreational athletesâ€”a case control study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, .	1.7	2
43	Restoration of the hip geometry after two-stage exchange with intermediate resection arthroplasty for periprosthetic joint infection. <i>Scientific Reports</i> , 2021, 11, 5221.	3.3	1
44	Humeral Tip-apex-distance as a Prognostic Marker for Proximal Humeral Fractures in 203 Patients. <i>The Open Orthopaedics Journal</i> , 2017, 11, 297-308.	0.2	1
45	Predicting the Exceptionâ€™CRP and Primary Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , 2021, 10, 4985.	2.4	1
46	Perioperative and posttraumatic anti-edematous decongestive device-based negative pressure treatment for anti-edematous swelling treatment of the lower extremity - a prospective quality study. <i>International Journal of Burns and Trauma</i> , 2021, 11, 145-155.	0.2	1
47	The impact of bilateral facetectomy on the instantaneous helical axis of the functional thoracic spinal unit T4-5 during axial rotation. <i>International Biomechanics</i> , 2021, 8, 42-53.	1.0	0
48	Significant effusion in the joints of the lower extremity after running an ultramarathon in extreme conditions. <i>Journal of Human Sport and Exercise</i> , 2020, 15, .	0.4	0
49	Translational Challenges in Soft Tissue Regeneration. , 2019, , 245-281.		0
50	Intestinale Inflammation und Tumorlast als Determinanten f¼r die KnochenfragilitÄt in APC-vermittelter Tumorgenese. , 2019, 28, .		0
51	Effekt des Lipoxygenase-Inhibitors Baicalein auf intakten und osteotomierten Knochen im ovarrektomierten Mausmodell. , 2019, 28, .		0
52	FOXO3-Inhibition zur Sarkopenietherapie. , 2020, 29, .		0
53	The value of digital subtraction angiography in planning of plastic reconstruction with flaps of lower leg and foot in trauma patients. <i>Chirurgia Plastyczna I Oparzenia / Plastic Surgery &amp; Burns</i> , 2020, 8, 29-36.	0.1	0
54	Einfluss von Lipoxygenase-Inhibitoren auf den trabekulären Knochen im osteoporotischen Rattenmodell. , 2020, , .		0

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55	Dextran Natriumsulfat-induzierte Kolitis als Modell für murine Sarkopenie. , 2020, 29, .		0
56	Long-term Quality of Life after Fusion of the Ventral Thoracic and Lumbar Spine. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2022, 83, 153-160.	0.8	0
57	Inhibition of Foxo3 during myogenic differentiation. Osteologie, 2021, 30, .	0.1	0
58	Langfristige Lebensqualität nach Rekonstruktion der ventralen Brust- und Lendenwirbelsäule. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2020, 158, .	0.7	0
59	Morphological Analysis of the Tibial Slope in 720 Adult Knee Joints. Diagnostics, 2022, 12, 1346.	2.6	0