

# Dominik Saul

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

805  
citations

686830

13  
h-index

580395

25  
g-index

73  
all docs

73  
docs citations

73  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Gender-Affirming Hormone Therapy on Serum Creatinine in Transgender Individuals. <i>Endocrine Practice</i> , 2022, 28, 52-57.	1.1	12
2	Long-term Quality of Life after Fusion of the Ventral Thoracic and Lumbar Spine. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2022, 83, 153-160.	0.4	0
3	Fracture Healing in the Setting of Endocrine Diseases, Aging, and Cellular Senescence. <i>Endocrine Reviews</i> , 2022, 43, 984-1002.	8.9	26
4	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.	1.8	7
5	Combination of selective androgen and estrogen receptor modulators in orchietomized rats. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 1555-1568.	1.8	5
6	Recreational climbers are more conscientious than recreational athletes—a case control study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, .	0.7	2
7	Morphological Analysis of the Tibial Slope in 720 Adult Knee Joints. <i>Diagnostics</i> , 2022, 12, 1346.	1.3	0
8	Epigenetics of Aging and Aging-Associated Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 401.	1.8	110
9	Restoration of the hip geometry after two-stage exchange with intermediate resection arthroplasty for periprosthetic joint infection. <i>Scientific Reports</i> , 2021, 11, 5221.	1.6	1
10	C-reactive protein in spinal surgery: more predictive than prehistoric. <i>European Spine Journal</i> , 2021, 30, 1261-1269.	1.0	9
11	USP22 Suppresses SPARC Expression in Acute Colitis and Inflammation-Associated Colorectal Cancer. <i>Cancers</i> , 2021, 13, 1817.	1.7	10
12	Biomechanical Effects of a Cross Connector in Sacral Fractures – A Finite Element Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 669321.	2.0	7
13	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.	1.2	6
14	Hangboard training in advanced climbers: A randomized controlled trial. <i>Scientific Reports</i> , 2021, 11, 13530.	1.6	6
15	RNF20 and RNF40 regulate vitamin D receptor-dependent signaling in inflammatory bowel disease. <i>Cell Death and Differentiation</i> , 2021, 28, 3161-3175.	5.0	10
16	Inhibition of Lipoxygenases Showed No Benefit for the Musculoskeletal System in Estrogen Deficient Rats. <i>Frontiers in Endocrinology</i> , 2021, 12, 706504.	1.5	2
17	Predicting the disaster – The role of CRP in acetabular surgery. <i>Clinical Biochemistry</i> , 2021, 94, 48-55.	0.8	5
18	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.	0.9	0

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19	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.	1.2	10
20	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, , .	0.5	3
21	Modulation of fracture healing by the transient accumulation of senescent cells. <i>ELife</i> , 2021, 10, .	2.8	37
22	Predicting the Exception – CRP and Primary Hip Arthroplasty. <i>Journal of Clinical Medicine</i> , 2021, 10, 4985.	1.0	1
23	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
24	Single-Cell Transcriptomics Reveals the Expression of Aging- and Senescence-Associated Genes in Distinct Cancer Cell Populations. <i>Cells</i> , 2021, 10, 3126.	1.8	18
25	Inhibition of Foxo3 during myogenic differentiation. <i>Osteologie</i> , 2021, 30, .	0.1	0
26	Dextran Sodium Sulfate-induced Colitis as a Model for Sarcopenia in Mice. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 56-65.	0.9	11
27	USP22 exerts tumor-suppressive functions in colorectal cancer by decreasing mTOR activity. <i>Cell Death and Differentiation</i> , 2020, 27, 1328-1340.	5.0	46
28	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.	0.4	6
29	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.	0.9	3
30	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.	0.2	7
31	Reduction of postoperative swelling with a negative pressure treatment – A prospective study. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902092916.	0.4	6
32	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.	0.3	2
33	Total disc arthroplasties change the kinematics of functional spinal units during lateral bending. <i>Clinical Biomechanics</i> , 2020, 73, 130-139.	0.5	4
34	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, .	0.2	0
35	FOXO3-Inhibition zur Sarkopenietherapie. , 2020, 29, .		0
36	The value of digital subtraction angiography in planning of plastic reconstruction with flaps of lower leg and foot in trauma patients. <i>Chirurgia Plastyzna / Oparzenia / Plastic Surgery &amp; Burns</i> , 2020, 8, 29-36.	0.1	0

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37	Einfluss von Lipoxigenase-Inhibitoren auf den trabekulären Knochen im osteoporotischen Rattenmodell. , 2020, , .		0
38	Dextran Natriumsulfat-induzierte Kolitis als Modell für murine Sarkopenie. , 2020, 29, .		0
39	Langfristige Lebensqualität nach Rekonstruktion der ventralen Brust- und Lendenwirbelsäule. Zeitschrift Fur Orthopädie Und Unfallchirurgie, 2020, 158, .	0.4	0
40	Bone Marrow Adiposity in Models of Radiation- and Aging-Related Bone Loss Is Dependent on Cellular Senescence. Journal of Bone and Mineral Research, 2020, 37, 997-1011.	3.1	11
41	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.	1.3	26
42	Changes in Musculoskeletal System and Metabolism in Osteoporotic Rats Treated With Urocortin. Frontiers in Endocrinology, 2019, 10, 400.	1.5	3
43	Hip Fractures: Therapy, Timing, and Complication Spectrum. Orthopaedic Surgery, 2019, 11, 994-1002.	0.7	44
44	Determinants for success in climbing: A systematic review. Journal of Exercise Science and Fitness, 2019, 17, 91-100.	0.8	69
45	Effect of the lipoxigenase inhibitor baicalein on bone tissue and bone healing in ovariectomized rats. Nutrition and Metabolism, 2019, 16, 4.	1.3	11
46	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.	0.6	28
47	Translational Challenges in Soft Tissue Regeneration. , 2019, , 245-281.		0
48	Intestinale Inflammation und Tumorlast als Determinanten für die Knochenfragilität in APC-vermittelter Tumorgenese. , 2019, 28, .		0
49	Effekt des Lipoxigenase-Inhibitors Baicalein auf intakten und osteotomierten Knochen im ovariectomierten Mausmodell. , 2019, 28, .		0
50	Resection of Medial Talocalcaneal Coalition With Interposition of a Pediculated Flap of Tibialis Posterior Tendon Sheath. Foot and Ankle International, 2018, 39, 935-941.	1.1	7
51	Effect of Strontium Ranelate on the Muscle and Vertebrae of Ovariectomized Rats. Calcified Tissue International, 2018, 102, 705-719.	1.5	12
52	Effect of zileuton on osteoporotic bone and its healing, expression of bone, and brain genes in rats. Journal of Applied Physiology, 2018, 124, 118-130.	1.2	10
53	Epidemiology of Vertebral Fractures in Pediatric and Adolescent Patients. Mental Illness, 2018, 10, 7232.	0.8	30
54	Current Methods for Skeletal Muscle Tissue Repair and Regeneration. BioMed Research International, 2018, 2018, 1-11.	0.9	92

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55	Intestinal Inflammation and Tumor Burden as Determinants for Bone Fragility in APC-Driven Tumorigenesis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2386-2393.	0.9	4
56	Comparison of parathyroid hormone and strontium ranelate in combination with whole-body vibration in a rat model of osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 31-39.	1.3	17
57	Effect of the lipoxygenase-inhibitors baicalein and zileuton on the vertebra in ovariectomized rats. <i>Bone</i> , 2017, 101, 134-144.	1.4	25
58	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.	0.1	1
59	Effect of the Lipoxygenase Inhibitor Baicalein on Muscles in Ovariectomized Rats. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-14.	0.7	18