

Vaida Glatt

List of Publications by Year in descending order

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62
papers

3,614
citations

201674

27
h-index

133252

59
g-index

62
all docs

62
docs citations

62
times ranked

5187
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Regeneration Based on Tissue Engineering Conceptions – A 21st Century Perspective. Bone Research, 2013, 1, 216-248.	11.4	625
2	Age-Related Changes in Trabecular Architecture Differ in Female and Male C57BL/6J Mice. Journal of Bone and Mineral Research, 2007, 22, 1197-1207.	2.8	500
3	Decreased BMD and Limb Deformities in Mice Carrying Mutations in Both Lrp5 and Lrp6. Journal of Bone and Mineral Research, 2004, 19, 2033-2040.	2.8	321
4	Inhibition of growth hormone action improves insulin sensitivity in liver IGF-1-deficient mice. Journal of Clinical Investigation, 2004, 113, 96-105.	8.2	200
5	A soluble activin Type IIA receptor induces bone formation and improves skeletal integrity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7082-7087.	7.1	176
6	Biomechanical consequences of PCL deficiency in the knee under simulated muscle loads – an in vitro experimental study. Journal of Orthopaedic Research, 2002, 20, 887-892.	2.3	120
7	Osteoblast Deletion of Exon 3 of the Androgen Receptor Gene Results in Trabecular Bone Loss in Adult Male Mice. Journal of Bone and Mineral Research, 2007, 22, 347-356.	2.8	117
8	A Concert between Biology and Biomechanics: The Influence of the Mechanical Environment on Bone Healing. Frontiers in Physiology, 2016, 7, 678.	2.8	113
9	Putting 3D modelling and 3D printing into practice: virtual surgery and preoperative planning to reconstruct complex post-traumatic skeletal deformities and defects. Sicot-j, 2017, 3, 16.	1.8	93
10	Bone transport versus acute shortening for the management of infected tibial non-unions with bone defects. Injury, 2017, 48, 2276-2284.	1.7	86
11	The ternary IGF complex influences postnatal bone acquisition and the skeletal response to intermittent parathyroid hormone. Journal of Endocrinology, 2006, 189, 289-299.	2.6	78
12	Calcitonin Receptor Plays a Physiological Role to Protect Against Hypercalcemia in Mice. Journal of Bone and Mineral Research, 2008, 23, 1182-1193.	2.8	76
13	Î²-Arrestin2 Regulates the Differential Response of Cortical and Trabecular Bone to Intermittent PTH in Female Mice. Journal of Bone and Mineral Research, 2004, 20, 635-643.	2.8	71
14	Early or delayed reconstruction in multi-ligament knee injuries: A systematic review and meta-analysis. Knee, 2017, 24, 909-916.	1.6	62
15	Healing of Segmental Bone Defects by Direct Percutaneous Gene Delivery: Effect of Vector Dose. Human Gene Therapy, 2007, 18, 907-915.	2.7	61
16	Improved Healing of Large Segmental Defects in the Rat Femur by Reverse Dynamization in the Presence of Bone Morphogenetic Protein-2. Journal of Bone and Joint Surgery - Series A, 2012, 94, 2063-2073.	3.0	61
17	Is platelet-rich plasma effective for the treatment of knee osteoarthritis? A systematic review and meta-analysis of level 1 and 2 randomized controlled trials. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 955-967.	1.4	58
18	Open versus arthroscopic surgical treatment for anterior shoulder dislocation: a comparative systematic review and meta-analysis over the past 20 years. Journal of Shoulder and Elbow Surgery, 2017, 26, 1873-1880.	2.6	54

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19	Minimally invasive plating versus either open reduction and plate fixation or intramedullary nailing of humeral shaft fractures: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1634-1642.	2.6	45
20	Modulation of fixation stiffness from flexible to stiff in a rat model of bone healing. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 217-222.	3.3	45
21	Structural properties of fracture haematoma: current status and future clinical implications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2864-2875.	2.7	42
22	Reverse Dynamization. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 677-687.	3.0	39
23	Î ² -Arrestin2 Regulates RANKL and Ephrins Gene Expression in Response to Bone Remodeling in Mice. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 775-784.	2.8	37
24	Single- versus double-row repair for full-thickness rotator cuff tears using suture anchors. A systematic review and meta-analysis of basic biomechanical studies. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 859-868.	1.4	37
25	Evaluation of BMP gene-activated muscle grafts for cranial defect repair. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1095-1102.	2.3	31
26	Preliminary results using patient-specific 3d printed models to improve preoperative planning for correction of post-traumatic tibial deformities with circular frames. <i>Injury</i> , 2018, 49, S51-S59.	1.7	30
27	A Practical Guide to Image Processing in the Creation of 3D Models for Orthopedics. <i>Techniques in Orthopaedics</i> , 2016, 31, 153-163.	0.2	29
28	Platelet-Rich Plasma Versus Corticosteroids for the Treatment of Plantar Fasciitis: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2021, 49, 1381-1393.	4.2	29
29	Osteal macrophages support osteoclast-mediated resorption and contribute to bone pathology in a postmenopausal osteoporosis mouse model. <i>Journal of Bone and Mineral Research</i> , 2021, 36, 2214-2228.	2.8	25
30	Ability of Recombinant Human Bone Morphogenetic Protein 2 to Enhance Bone Healing in the Presence of Tobramycin: Evaluation in a Rat Segmental Defect Model. <i>Journal of Orthopaedic Trauma</i> , 2009, 23, 693-701.	1.4	23
31	Malignant Proximal Fibular Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e165-1-8.	3.0	23
32	Reverse Dynamization: A Novel Approach to Bone Healing. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2016, 24, e60-e61.	2.5	22
33	The hamstring/quadriceps ratio is an indicator of function in ACL-deficient, but not in ACL-reconstructed knees. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 91-98.	2.4	20
34	Reverse Dynamization Accelerates Bone-Healing in a Large-Animal Osteotomy Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 257-263.	3.0	20
35	Worldwide orthopaedic research activity 2010-2014: Publication rates in the top 15 orthopaedic journals related to population size and gross domestic product. <i>World Journal of Orthopedics</i> , 2017, 8, 514.	1.8	19
36	The "Road to Union" protocol for the reconstruction of isolated complex high-energy tibial trauma. <i>Injury</i> , 2017, 48, 1211-1216.	1.7	17

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37	Open versus arthroscopic acromioclavicular joint resection: a systematic review and meta-analysis. Archives of Orthopaedic and Trauma Surgery, 2019, 139, 685-694.	2.4	17
38	Medial and Lateral Posterior Tibial Slope Are Independent Risk Factors for Noncontact ACL Injury in Both Men and Women. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110159.	1.7	17
39	Tissue Morphology and Antigenicity in Mouse and Rat Tibia: Comparing 12 Different Decalcification Conditions. Journal of Histochemistry and Cytochemistry, 2019, 67, 545-561.	2.5	16
40	Interaction between living bone particles and rhBMP-2 in large segmental defect healing in the rat femur. Journal of Orthopaedic Research, 2016, 34, 2137-2145.	2.3	15
41	Classification of Bone Defects: An Extension of the Orthopaedic Trauma Association Open Fracture Classification. Journal of Orthopaedic Trauma, 2021, 35, 71-76.	1.4	14
42	The relationship between gait and functional outcomes in patients treated with circular external fixation for malunited tibial fractures. Gait and Posture, 2019, 68, 569-574.	1.4	12
43	Use of 3D Printing in Complex Spinal Surgery: Historical Perspectives, Current Usage, and Future Directions. Techniques in Orthopaedics, 2016, 31, 172-180.	0.2	11
44	Treatment with a long-acting chimeric CSF1 molecule enhances fracture healing of healthy and osteoporotic bones. Biomaterials, 2021, 275, 120936.	11.4	11
45	Intermittent Fugu parathyroid hormone 1 (1-34) is an anabolic bone agent in young male rats and osteopenic ovariectomized rats. Bone, 2008, 42, 1164-1174.	2.9	10
46	Orthopaedic Academic Activity in the United States: Bibliometric Analysis of Publications by City and State. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2018, 2, e027.	0.7	10
47	The anatomical relationship of the common peroneal nerve to the proximal fibula and its clinical significance when performing fibular-based posterolateral reconstructions. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 437-445.	2.4	10
48	Outcomes Following Treatment of Complex Tibial Fractures with Circular External Fixation: A Comparison between the Taylor Spatial Frame and TruLok-Hex. Strategies in Trauma and Limb Reconstruction, 2020, 14, 142-147.	0.8	10
49	Use of Google Scholar public profiles in orthopedics. Journal of Orthopaedic Surgery, 2017, 25, 230949901769032.	1.0	8
50	Functional outcomes of the failed plate fixation in distal tibial fractures salvaged by hexapod external fixator. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 1617-1624.	1.4	7
51	Orthopaedic research in Australia: a bibliographic analysis of the publication rates in the top 15 journals. ANZ Journal of Surgery, 2017, 87, 709-713.	0.7	6
52	Genetic variation in mice affects closed femoral fracture pattern outcomes. Injury, 2019, 50, 639-647.	1.7	6
53	Inter- and intraclass correlations for three standard foot radiographic measurements for plantar surface angles. Which measure is most reliable?. Foot and Ankle Surgery, 2019, 25, 646-653.	1.7	5
54	The Association Between Anterior Cruciate Ligament Length and Femoral Epicondylar Width Measured on Preoperative Magnetic Resonance Imaging or Radiograph. Arthroscopy, Sports Medicine, and Rehabilitation, 2020, 2, e23-e31.	1.7	5

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55	What is the optimal timing for bone grafting during staged management of infected non-unions of the tibia? A systematic review and best evidence synthesis. <i>Injury</i> , 2020, 51, 2793-2803.	1.7	4
56	Image Analysis Software as a Strategy to Improve the Radiographic Determination of Fracture Healing. <i>Journal of Orthopaedic Trauma</i> , 2018, 32, e354-e358.	1.4	3
57	Operative Treatment of Neer Type-II Distal Clavicular Fractures. <i>JBJS Reviews</i> , 2019, 7, e5-e5.	2.0	3
58	Functional Outcomes and Quality of Life Following Complex Tibial Fractures Treated with Circular External Fixation: A Comparison between Proximal, Midshaft, and Distal Tibial Fractures. <i>Strategies in Trauma and Limb Reconstruction</i> , 2021, 16, 32-40.	0.8	3
59	Tipping the Balance: Manipulating the mechanical environment by reverse dynamization can accelerate bone healing. <i>Journal of Limb Lengthening & Reconstruction</i> , 2019, 5, 1.	0.6	3
60	Response to letter to the editor regarding "Minimally invasive plating versus either open reduction and plate fixation or intramedullary nailing of humeral shaft fractures: a systematic review and meta-analysis of randomized controlled trials". <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, e79-e80.	2.6	1
61	Anterior Minimally Invasive Plate Osteosynthesis for Humeral Shaft Fractures Is Safer Than Open Reduction Internal Fixation: A Matched Case-Controlled Comparison. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 424-429.	1.4	1
62	Author Reply to "Consensus Statement for Shoulder Impingement: To Operate or Not? Who to Ask for the Consensus Panel". <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 1387-1389.	2.7	1