

Ergun Bozdag

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,014
citations

430874

18
h-index

477307

29
g-index

70
all docs

70
docs citations

70
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a novel semicircular locking external fixator for treating fractures of long bones: Biomechanical comparison with a circular external fixator. <i>Injury</i> , 2022, 53, 1353-1360.	1.7	1
2	EFFECT OF TRANEXAMIC ACID ON FRACTURE HEALING IN RATS. <i>Acta Ortopedica Brasileira</i> , 2022, 30, e245670.	0.5	0
3	The efficacy of angiotensin-converting enzyme inhibitors in preventing postoperative tendon adhesion formation: An experimental study in rats. , 2022, 56, 1-8.		1
4	Biomechanical comparison of four different fixation methods in the management of Pauwels type III femoral neck fractures: Is there a clear winner?. <i>Injury</i> , 2022, , .	1.7	0
5	Effect of a bovine collagen matrix on tendon adhesions during the repair of rat Achilles tendon. <i>Hand Surgery and Rehabilitation</i> , 2021, 40, 250-257.	0.4	2
6	An oblique osteotomy is better for subtrochanteric shortening in total hip arthroplasty for high hip dislocation: a mechanical comparison of four techniques. <i>HIP International</i> , 2020, , 112070002095799.	1.7	2
7	Preparation of calcium phosphate/carboxymethylcellulose-based bone cements. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2020, 9, 155-163.	0.9	6
8	Tear Completion Versus In Situ Repair for 50% Partial-Thickness Bursal-Side Rotator Cuff Tears: A Biomechanical and Histological Study in an Animal Model. <i>American Journal of Sports Medicine</i> , 2020, 48, 1818-1825.	4.2	13
9	Evaluation of two interforaminal implants and implant-assisted removable dentures on stress distribution: an in vitro study. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2019, 45, 199.	0.8	4
10	Effects of Denture Base Thicknesses and Reinforcement on Fracture Strength in Mandibular Implant Overdenture with Bar Attachment: Under Various Acrylic Resin Types. <i>European Journal of Dentistry</i> , 2019, 13, 064-068.	1.7	8
11	Decellularization of Trachea With Combined Techniques for Tissue-Engineered Trachea Transplantation. <i>Clinical and Experimental Otorhinolaryngology</i> , 2019, 12, 86-94.	2.1	32
12	Evaluation of strain distribution on an edentulous mandible generated by cobalt-chromium metal alloy fixed complete dentures fabricated with different techniques: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 47-53.	2.8	13
13	Comparison of two different superior capsule reconstruction methods in the treatment of chronic irreparable rotator cuff tears: a biomechanical and histologic study in rabbit models. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 530-538.	2.6	20
14	A DESIGN STRATEGY ON THE TALBOT TYPE ARTICULATION OF A FREIGHT WAGON. , 2018, , .		2
15	High strain rate response of nanofiber interlayered structural composites. <i>Composite Structures</i> , 2017, 168, 47-55.	5.8	19
16	Efficacy of bone marrow-stimulating technique in rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 1360-1366.	2.6	44
17	Effects of montelukast on tendon healing in a murine model. <i>European Journal of Plastic Surgery</i> , 2017, 40, 171-176.	0.6	0
18	Biomechanical comparison of three different plate configurations for comminuted clavicle midshaft fracture fixation. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 2200-2205.	2.6	14

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19	Comparison of retention forces with various fabrication methods and materials in double crowns. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 308.	2.6	9
20	The Effects of Mucoperichondrial Flap Elevation on Septal L-Strut Cartilage: A Biomechanical and Histologic Analysis in a Rabbit Model. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1784-1791.	1.4	4
21	The effect of screw thread length on initial stability of Schatzker type 1 tibial plateau fracture fixation: a biomechanical study. <i>Journal of Orthopaedic Surgery and Research</i> , 2016, 11, 146.	2.3	12
22	Biomechanical comparison of oblique and step-cut osteotomies used in total hip arthroplasty with femoral shortening. <i>Journal of Orthopaedic Science</i> , 2016, 21, 640-646.	1.1	3
23	Biomechanical Comparison of 2 Different Femoral Stems in the Shortening Osteotomy of the High-Riding Hip. <i>Journal of Arthroplasty</i> , 2016, 31, 1346-1351.	3.1	5
24	Histologic and Biomechanical Evaluation of the Effects of Social Stress and the Antidepressant Fluoxetine on Tendon Healing in Rats. <i>Journal of Hand and Microsurgery</i> , 2016, 07, 294-299.	0.3	5
25	A New Mini-External Fixator for Treating Hallux Valgus: A Preclinical, Biomechanical Study. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 35-38.	1.0	2
26	Comparison of four different techniques for performing an osteotomy. <i>Bone and Joint Journal</i> , 2015, 97-B, 1628-1633.	4.4	2
27	Can Normal Fracture Healing Be Achieved When the Implant Is Retained on the Basis of Infection? An Experimental Animal Model. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3190-3196.	1.5	23
28	The use of dermal automesh for incidental hernia repair in abdominoplasty: Clinical, biochemical, and radiological results. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2015, 49, 172-176.	0.8	6
29	Effects of caffeic acid phenethyl ester and melatonin on distraction osteogenesis: an experimental study. <i>SpringerPlus</i> , 2014, 3, 8.	1.2	17
30	The Effect of Strut Allograft and Its Position on Vancouver Type B1 Periprosthetic Femoral Fractures: A Biomechanical Study. <i>Journal of Arthroplasty</i> , 2014, 29, 1485-1490.	3.1	25
31	Retention and surface changes of zirconia primary crowns with secondary crowns of different materials. <i>Clinical Oral Investigations</i> , 2014, 18, 2023-2035.	3.0	23
32	Finite element simulation of the behavior of the periodontal ligament: A validated nonlinear contact model. <i>Journal of Biomechanics</i> , 2014, 47, 2883-2890.	2.1	26
33	The influence of steam cleaning procedures on the surface roughness of commonly used type III dental stone for the fabrication of removable dentures. <i>Gerodontology</i> , 2013, 30, 171-175.	2.0	2
34	Rollover crashworthiness analysis of a railroad passenger car. <i>International Journal of Crashworthiness</i> , 2013, 18, 492-501.	1.9	12
35	The influence of suture material on the strength of horizontal mattress suture configuration for meniscus repair. <i>Knee</i> , 2013, 20, 577-580.	1.6	5
36	The Influence of the Attachment Type and Implant Number Supporting Mandibular Overdentures on Stress Distribution. <i>Implant Dentistry</i> , 2013, 22, 39-48.	1.3	12

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37	Experimental Parameter Estimation Method for Nonlinear Viscoelastic Composite Material Models: An Application on Arterial Tissue. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 1249-1261.	1.6	1
38	The impact of frenulum height on strains in maxillary denture bases. <i>Journal of Advanced Prosthodontics</i> , 2013, 5, 409.	2.6	6
39	<i>In vitro</i> comparison of two different materials for the repair of urethan dimethacrylate denture bases. <i>Journal of Advanced Prosthodontics</i> , 2013, 5, 396.	2.6	8
40	Biomechanical Comparison of Tibial Eminence Fracture Fixation With High-Strength Suture, EndoButton, and Suture Anchor. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 681-687.	2.7	47
41	Crash and structural analyses of an aluminium railroad passenger car. <i>International Journal of Crashworthiness</i> , 2012, 17, 519-528.	1.9	21
42	The influence of implant number and attachment type on maximum bite force of mandibular overdentures: a retrospective study. <i>Gerodontology</i> , 2012, 29, e116-20.	2.0	20
43	Aperture fixation instead of transverse tunnels at the patella for medial patellofemoral ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 322-326.	4.2	50
44	Biomechanical Comparison of Fixation Techniques in Midshaft Clavicular Fractures. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 272-278.	1.4	43
45	Loop security and tensile properties of polyblend and traditional suture materials. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 296-302.	4.2	19
46	Meniscal repair using large diameter horizontal sutures increases fixation strength: an in vitro study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 202-206.	4.2	7
47	Railroad passenger car collision analysis and modifications for improved crashworthiness. <i>International Journal of Crashworthiness</i> , 2011, 16, 319-329.	1.9	48
48	Biceps tenodesis with interference screw: cyclic testing of different techniques. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1779-1784.	4.2	10
49	Influence of surgical technique, implant shape and diameter on the primary stability in cancellous bone. <i>Journal of Oral Rehabilitation</i> , 2010, 37, 900-907.	3.0	81
50	Biomechanical analysis of multilevel discectomy and excision of posterior longitudinal ligament: An in vitro study in sheep. <i>Neurology India</i> , 2009, 57, 395.	0.4	0
51	In vivo comparison of biomechanical, histological, and radiological properties of three techniques for tendon lengthening: An experimental study in rabbits. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2009, 43, 1-7.	0.6	10
52	A comparison of percutaneous and mini-open techniques of Achilles tenotomy: An experimental study in rats. <i>Journal of Children's Orthopaedics</i> , 2009, 3, 485-491.	1.1	4
53	Effect of antibiotic loading on the shear strength at the stem-cement interface (Shear strength of Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	2
54	A comparison of single- versus double-row suture anchor techniques in a simulated repair of the rotator cuff. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2008, 90-B, 1386-1391.	3.4	55

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55	Vibration characteristics of grafts for the tympanic membrane. <i>Advances in Therapy</i> , 2007, 24, 81-90.	2.9	0
56	The effect of occlusal contact localization on the stress distribution in complete maxillary denture. <i>Journal of Oral Rehabilitation</i> , 2006, 33, 509-513.	3.0	20
57	Vibration analysis of new Galata Bridgeâ€™ experimental and numerical results. <i>Computers and Structures</i> , 2006, 84, 283-292.	4.4	7
58	In vitro investigation of heat transfer in calf spinal cord during polymethylmethacrylate application for vertebral body reconstruction. <i>European Spine Journal</i> , 2006, 15, 341-346.	2.2	11
59	Time-Dependent Changes in Failure Loads of 3 Biceps Tenodesis Techniques. <i>American Journal of Sports Medicine</i> , 2005, 33, 1536-1544.	4.2	54
60	Tensile strength of ligaments after thermal shrinkage depending on time and immobilization: In vivo study in the rabbit. <i>Journal of Shoulder and Elbow Surgery</i> , 2005, 14, 193-200.	2.6	10
61	Biomechanical analysis of cervical multilevel oblique corpectomy: an in vitro study in sheep. <i>Acta Neurochirurgica</i> , 2004, 146, 813-8.	1.7	13
62	Effect of Decortication on Laminar Strength During Sublaminar Wiring. <i>Journal of Spinal Disorders and Techniques</i> , 2004, 17, 498-504.	1.9	7
63	Triply coupled vibrations of thin-walled open cross-section beams including rotary inertia effects. <i>Journal of Sound and Vibration</i> , 2003, 260, 889-900.	3.9	32
64	On free vibration analysis of thin-walled beams with nonsymmetrical open cross-sections. <i>Computers and Structures</i> , 2002, 80, 691-695.	4.4	32
65	Finite element model of the Jefferson fracture: comparison with a cadaver model. <i>European Spine Journal</i> , 2001, 10, 257-263.	2.2	17
66	Triply Coupled Vibrations of Thin-Walled Open Cross-Section Beams including Shear Effect. , 0, , .		0