

Tamon Kabata

List of Publications by Year in descending order

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71
papers

741
citations

687363

13
h-index

642732

23
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72
all docs

72
docs citations

72
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	The paracrine effect of adipose-derived stem cells inhibits osteoarthritis progression. BMC Musculoskeletal Disorders, 2015, 16, 236.	1.9	76
2	Value of computed tomography-based three-dimensional surgical preoperative planning software in total hip arthroplasty with developmental dysplasia of the hip. Journal of Orthopaedic Science, 2015, 20, 340-346.	1.1	49
3	Risk Factors and Cup Protrusion Thresholds for Symptomatic Iliopsoas Impingement After Total Hip Arthroplasty: A Retrospective Case-Control Study. Journal of Arthroplasty, 2018, 33, 3288-3296.e1.	3.1	44
4	Periprosthetic Occult Fractures of the Acetabulum Occur Frequently During Primary THA. Clinical Orthopaedics and Related Research, 2017, 475, 484-494.	1.5	43
5	Inhibition of biofilm formation on iodine-supported titanium implants. International Orthopaedics, 2017, 41, 1093-1099.	1.9	38
6	Does Degree of the Pelvic Deformity Affect the Accuracy of Computed Tomography-Based Hip Navigation?. Journal of Arthroplasty, 2012, 27, 1651-1657.	3.1	30
7	Genome-wide Association Study of Idiopathic Osteonecrosis of the Femoral Head. Scientific Reports, 2017, 7, 15035.	3.3	23
8	The correlation between clinical radiological outcome and contact state of implant and femur using three-dimensional templating software in cementless total hip arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2016, 26, 591-598.	1.4	22
9	Usefulness of three-dimensional templating software to quantify the contact state between implant and femur in total hip arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2015, 25, 1293-1300.	1.4	19
10	Quality of life of patients with osteonecrosis of the femoral head: a multicentre study. International Orthopaedics, 2018, 42, 1517-1525.	1.9	18
11	Optimizing leg length correction in total hip arthroplasty. International Orthopaedics, 2020, 44, 437-443.	1.9	17
12	Combinational therapy with antibiotics and antibiotic-loaded adipose-derived stem cells reduce abscess formation in implant-related infection in rats. Scientific Reports, 2020, 10, 11182.	3.3	15
13	Differences in range of motion with the same combined anteversion after total hip arthroplasty. International Orthopaedics, 2018, 42, 1021-1028.	1.9	14
14	The effect of flexion alignment in total hip arthroplasty with a cementless tapered-wedge femoral stem. European Journal of Orthopaedic Surgery and Traumatology, 2018, 28, 1625-1632.	1.4	14
15	The optimal combined anteversion pattern to achieve a favorable impingement-free angle in total hip arthroplasty. Journal of Orthopaedic Science, 2019, 24, 474-481.	1.1	14
16	Periodic injections of adipose-derived stem cell sheets attenuate osteoarthritis progression in an experimental rabbit model. BMC Musculoskeletal Disorders, 2020, 21, 691.	1.9	14
17	Increase in Safe Zone Area of the Acetabular Cup Using Dual Mobility Cups in THA. HIP International, 2017, 27, 361-367.	1.7	13
18	A prospective clinical trial to assess the accuracy of an MRI-based patient-specific acetabular instrument guide in total hip arthroplasty. European Journal of Orthopaedic Surgery and Traumatology, 2019, 29, 65-71.	1.4	13

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19	Safety range for acute limb lengthening in primary total hip arthroplasty. <i>International Orthopaedics</i> , 2019, 43, 2047-2056.	1.9	13
20	Improvement of locomotive syndrome with surgical treatment in patients with degenerative diseases in the lumbar spine and lower extremities: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 515.	1.9	13
21	Comparison with the osteoconductivity and bone-bonding ability of the iodine supported titanium, titanium with porous oxide layer and the titanium alloy in the rabbit model. <i>Journal of Orthopaedic Science</i> , 2018, 23, 585-591.	1.1	12
22	The Accuracy of the Computed Tomography-Based Navigation System in Total Hip Arthroplasty Is Comparable With Crowe Type IV and Crowe Type I Dysplasia: A Case-Control Study. <i>Journal of Arthroplasty</i> , 2019, 34, 2686-2691.	3.1	12
23	Three-Dimensional Host Bone Coverage Required in Total Hip Arthroplasty for Developmental Dysplasia of the Hip and Its Relationship With 2-Dimensional Coverage. <i>Journal of Arthroplasty</i> , 2019, 34, 93-101.	3.1	12
24	Tilt-adjusted Cup Anteversion in Patients with Severe Backward Pelvic Tilt is Associated with the Risk of Iliopsoas Impingement: A Three-dimensional Implantation Simulation. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2243-2254.	1.5	11
25	Do we need intraoperative radiographs for positioning the femoral component in total hip arthroplasty?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014, 134, 727-733.	2.4	10
26	Effectiveness and Safety of Needle Medial Collateral Ligament Pie-Crusting in Total Knee Arthroplasty: A Cadaveric Study. <i>Journal of Knee Surgery</i> , 2018, 31, 705-709.	1.6	10
27	Iodine-supported titanium implants have good antimicrobial attachment effects. <i>Journal of Orthopaedic Science</i> , 2019, 24, 548-551.	1.1	10
28	The efficacy of total hip arthroplasty on locomotive syndrome and its related physical function in patients with hip osteoarthritis. <i>Journal of Orthopaedic Science</i> , 2021, 26, 389-395.	1.1	10
29	Association of low back pain with muscle weakness, decreased mobility function, and malnutrition in older women: A cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0245879.	2.5	10
30	Difficulty in locking head screw removal. <i>Journal of Orthopaedic Science</i> , 2014, 19, 304-307.	1.1	9
31	The accuracy of the "projected surgical transepicondylar axis" relative to the "true surgical transepicondylar axis" in total knee arthroplasty. <i>Knee</i> , 2017, 24, 1428-1434.	1.6	9
32	Usefulness of the "grand-piano sign" for determining femoral rotational alignment in total knee arthroplasty. <i>Knee</i> , 2018, 25, 15-24.	1.6	9
33	Contralateral Lower-Limb Functional Status Before Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1093-1103.	3.0	9
34	Antibacterial Activity in Iodine-coated Implants Under Conditions of Iodine Loss: Study in a Rat Model Plus In Vitro Analysis. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1613-1623.	1.5	8
35	Accuracy of different navigation systems for femoral and tibial implantation in total knee arthroplasty: a randomised comparative study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 2267-2276.	2.4	8
36	Selection of a Surgical Approach for Total Hip Arthroplasty According to the Depth to the Surgical Site. <i>HIP International</i> , 2017, 27, 273-280.	1.7	7

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37	Three-dimensional limb lengthening after total knee arthroplasty in a simulation study. <i>Modern Rheumatology</i> , 2018, 28, 1029-1034.	1.8	7
38	The prevalence and impact of sarcopenia in females undergoing total hip arthroplasty: A prospective study. <i>Modern Rheumatology</i> , 2022, 32, 193-198.	1.8	7
39	A proposed new rotating reference axis for the tibial component after proximal tibial resection in total knee arthroplasty. <i>PLoS ONE</i> , 2018, 13, e0209317.	2.5	6
40	Does intraoperative periprosthetic occult fracture of the acetabulum affect clinical outcomes after primary total hip arthroplasty?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 3497-3504.	2.4	6
41	Quantitative analysis of the Trendelenburg test and invention of a modified method. <i>Journal of Orthopaedic Science</i> , 2017, 22, 81-88.	1.1	5
42	The influence of pelvic tilt on stress distribution in the acetabulum: finite element analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 764.	1.9	5
43	Correlation between osteoporotic vertebral fracture and abdominal trunk muscle strength in middle-aged and older women. <i>Archives of Osteoporosis</i> , 2019, 14, 106.	2.4	4
44	The feasibility of iodine-supported processing for titanium with different surfaces. <i>Journal of Orthopaedic Science</i> , 2020, 25, 1095-1100.	1.1	4
45	The use of density mapping in the analysis of thigh pain after total hip arthroplasty in patients with well-fixed tapered wedge stems. <i>Journal of Orthopaedic Surgery</i> , 2020, 28, 230949902093030.	1.0	4
46	Patient-reported outcomes following primary total hip arthroplasty in Crowe type III or IV developmental dysplasia are comparable to those in Crowe type I: a case-control study of 96 hips with intermediate-term follow-up. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 344.	1.9	4
47	ACETABULUM-IMPACTING TOTAL HIP ARTHROPLASTY FOR SEVERE ACETABULAR DYSPLASIA. <i>Journal of Musculoskeletal Research</i> , 1999, 03, 65-70.	0.2	3
48	The influence of surgical approach on postoperative pelvic tilt after total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 1131-1138.	1.4	3
49	Mid- to long-term results of resurfacing hip arthroplasty in Japanese patients: a comparison of osteoarthritic vs non-osteoarthritic patients. <i>Journal of Artificial Organs</i> , 2019, 22, 77-83.	0.9	3
50	Effect of changing femoral head diameter on bony and prosthetic jumping angles. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 625-632.	1.4	3
51	Postsurgical infection from using a computed tomography-based hip navigation system during total hip arthroplasty. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1097-1101.	1.4	3
52	Comparison of mid-term clinical results between cementless and cemented femoral stems in total hip arthroplasty with femoral shortening osteotomy for Crowe type IV hips. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1057-1064.	2.4	3
53	Multiple epiphyseal dysplasia mimicking osteoarthritis due to acetabular dysplasia: A report of a familial case with a COMP mutation. <i>Journal of Orthopaedic Science</i> , 2017, 22, 967-971.	1.1	2
54	Anatomic stem inserted according to native anteversion could reproduce the native anterior distance of the femoral head and decrease bony impingement in total hip arthroplasty. <i>International Orthopaedics</i> , 2020, 44, 245-251.	1.9	2

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55	Anterior pelvic plane tilt poorly estimates the sagittal body alignment due to internal rotation of innominate bone. <i>Journal of Orthopaedic Research</i> , 2021, 39, 580-589.	2.3	2
56	Does Dosage or Duration of Concurrent Oral Corticosteroid Influence Elevated Risk of Postoperative Complications After Total Joint Arthroplasty?. <i>Journal of Arthroplasty</i> , 2022, 37, 652-658.	3.1	2
57	Kinematic radiography of the hip joint after hip resurfacing arthroplasty. <i>Radiological Physics and Technology</i> , 2016, 9, 254-260.	1.9	1
58	Clinical Results of Total Hip Arthroplasty in Two Patients with Charcot Hip Joints due to Congenital Insensitivity to Pain with Anhydrosis. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-5.	0.3	1
59	Gradual exacerbation of knee flexion angle after total knee arthroplasty in patients with diabetes mellitus. <i>Modern Rheumatology</i> , 2021, 31, 1215-1220.	1.8	1
60	Novel susceptibility loci for steroid-associated osteonecrosis of the femoral head in systemic lupus erythematosus. <i>Human Molecular Genetics</i> , 2022, 31, 1082-1095.	2.9	1
61	Evaluation of locomotive syndrome in patients receiving surgical treatment for degenerative musculoskeletal diseases: A multicentre prospective study using the new criteria. <i>Modern Rheumatology</i> , 2022, 32, 822-829.	1.8	1
62	A case with right hip pain. <i>International Journal of Rheumatic Diseases</i> , 2015, 18, 574-576.	1.9	0
63	Influence of pelvic sagittal tilt on 3-dimensional bone coverage in total hip arthroplasty: a simulation analysis. <i>HIP International</i> , 2020, 30, 288-295.	1.7	0
64	Association between total hip arthroplasty following periacetabular osteotomy and acetabular component overhang. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1431-1439.	1.4	0
65	Importance of Three-Dimensional Evaluation of Surgical Transepicondylar Axis in Total Knee Arthroplasty. <i>Journal of Knee Surgery</i> , 2022, 35, 032-038.	1.6	0
66	Change in leg length after open-wedge high tibial osteotomy can be predicted from the opening width: A three-dimensional analysis. <i>Knee</i> , 2021, 30, 185-194.	1.6	0
67	522 A Study on Mechanical Evaluation of Femoral Resurfacing Implantation : An analysis considered necrosis part. <i>The Proceedings of the Computational Mechanics Conference</i> , 2006, 2006.19, 489-490.	0.0	0
68	2108 A Study on Optimal Setting Angle of Femoral Resurfacing Implant. <i>The Proceedings of Design & Systems Conference</i> , 2006, 2006.16, 134-135.	0.0	0
69	0908 Mechanical Consideration on Design of Femoral Resurfacing Implant. <i>The Proceedings of the JSME Annual Meeting</i> , 2007, 2007.6, 15-16.	0.0	0
70	914 A Mechanical Analysis of Femoral Resurfacing Implantation for Osteonecrosis of Femoral Head. <i>The Proceedings of Conference of Hokuriku-Shinetsu Branch</i> , 2007, 2007.44, 355-356.	0.0	0
71	123 A Finite-Element Analysis of Femoral Resurfacing Implantation Considering Contact Condition. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME</i> , 2009, 2008.21, 45-46.	0.0	0