

Petra Heesterbeek

List of Publications by Year in descending order

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73
papers

1,462
citations

279487

23
h-index

377514

34
g-index

73
all docs

73
docs citations

73
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Medial Open Wedge High Tibial Osteotomy: Can Delayed or Nonunion Be Predicted?. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 1217-1223.	0.7	83
2	Effects of the Balanced Gap Technique on Femoral Component Rotation in TKA. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 1015-1022.	0.7	79
3	Local Vascular Adaptations after Hybrid Training in Spinal Cord-Injured Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1112-1118.	0.2	64
4	High rate of complications and radiographic loosening of the biaxial total wrist arthroplasty in rheumatoid arthritis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 82, 721-726.	1.2	62
5	In vivo knee laxity in flexion and extension: A radiographic study in 30 older healthy subjects. <i>Knee</i> , 2008, 15, 45-49.	0.8	58
6	Dual mobility acetabular component in revision total hip arthroplasty for persistent dislocation: no dislocations in 50 hips after 1-5 years. <i>Journal of Orthopaedics and Traumatology</i> , 2015, 16, 15-20.	1.0	54
7	Foot Function After Fusion of the First Metatarsophalangeal Joint. <i>Foot and Ankle International</i> , 2010, 31, 670-675.	1.1	53
8	Mind the gaps!. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 82, 1-26.	1.2	45
9	Comparable Stability of Cemented vs Press-Fit Placed Stems in Revision Total Knee Arthroplasty With Mild to Moderate Bone Loss: 6.5-Year Results From a Randomized Controlled Trial With Radiostereometric Analysis. <i>Journal of Arthroplasty</i> , 2017, 32, 197-201.	1.5	36
10	Stability and alignment do not improve by using patient-specific instrumentation in total knee arthroplasty: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1792-1799.	2.3	36
11	Subtalar Arthroereisis for Pediatric Flexible Pes Planovalgus. <i>Journal of the American Podiatric Medical Association</i> , 2009, 99, 447-453.	0.2	33
12	Effect of local anesthetic concentration, dose and volume on the duration of single-injection ultrasound-guided axillary brachial plexus block with mepivacaine: a randomized controlled trial. <i>BMC Anesthesiology</i> , 2015, 15, 130.	0.7	33
13	Patient-related factors influence stiffness of the soft tissue complex during intraoperative gap balancing in cruciate-retaining total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2760-2768.	2.3	33
14	Femoral nerve catheter vs local infiltration for analgesia in fast track total knee arthroplasty: short-term and long-term outcomes. <i>British Journal of Anaesthesia</i> , 2018, 121, 850-858.	1.5	33
15	A comparison of reproducibility of measurement techniques for patella position on axial radiographs after total knee arthroplasty. <i>Knee</i> , 2007, 14, 411-416.	0.8	32
16	Numerical analysis of variations in posterior cruciate ligament properties and balancing techniques on total knee arthroplasty loading. <i>Medical Engineering and Physics</i> , 2010, 32, 700-707.	0.8	32
17	Dutch translation of the Kujala Anterior Knee Pain Scale and validation in patients after knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 2647-2653.	2.3	30
18	No Difference in Implant Micromotion Between Hybrid Fixation and Fully Cemented Revision Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1359-1369.	1.4	30

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19	Predictive factors of length of hospital stay after primary total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1856-1862.	2.3	29
20	Anatomical reconstruction of posterolateral corner and combined injuries of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 221-228.	2.3	28
21	Posterior cruciate ligament recruitment affects antero-posterior translation during flexion gap distraction in total knee replacement. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 81, 471-477.	1.2	27
22	Pharmacokinetics of 400 mg ropivacaine after periarticular local infiltration analgesia for total knee arthroplasty. <i>Acta Anaesthesiologica Scandinavica</i> , 2017, 61, 338-345.	0.7	27
23	A new measurement technique for the tibiofemoral contact point in normal knees and knees with TKR. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 388-393.	2.3	26
24	Correction of axial and rotational alignment after medial and lateral releases during balanced gap TKA. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 81, 347-353.	1.2	23
25	Do tibiofemoral contact point and posterior condylar offset influence outcome and range of motion in a mobile-bearing total knee arthroplasty?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 550-555.	2.3	23
26	Bicruciate Substituting Design Does Not Improve Maximal Flexion in Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e81.	1.4	21
27	The natural course of chronic exertional compartment syndrome of the lower leg. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 2136-2141.	2.3	21
28	Patella position is not a determinant for anterior knee pain 10 years after balanced gap total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 2656-2662.	2.3	21
29	Anterior referencing of tibial slope in total knee arthroplasty considerably influences knee kinematics: a musculoskeletal simulation study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1540-1548.	2.3	21
30	Flexing and downsizing the femoral component is not detrimental to patellofemoral biomechanics in posterior-referencing cruciate-retaining total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3377-3385.	2.3	20
31	Biomechanical evaluation of three different fixation methods of the Chevron osteotomy of the olecranon: An analysis with Roentgen Stereophotogrammatic Analysis. <i>Clinical Biomechanics</i> , 2013, 28, 752-756.	0.5	19
32	Posterolateral corner reconstruction in combined injuries of the knee: Improved stability with Larson's fibular sling reconstruction and comparison with LaPrade anatomical reconstruction. <i>Knee</i> , 2020, 27, 124-131.	0.8	19
33	Ligament releases do not lead to increased postoperative varus-valgus laxity in flexion and extension: a prospective clinical study in 49 TKR patients. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 187-193.	2.3	18
34	Moderate clinical improvement after revision arthroplasty of the severely stiff knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 3235-3241.	2.3	18
35	Long-Term Outcome Following Revision Total Knee Arthroplasty is Associated With Indication for Revision. <i>Journal of Arthroplasty</i> , 2020, 35, 1671-1677.	1.5	17
36	Age, gender, functional KSS, reason for revision and type of bone defect predict functional outcome 5 years after revision total knee arthroplasty: a multivariable prediction model. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 2289-2296.	2.3	16

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37	A combined procedure with Bereiter-type trochleoplasty leads to a stable patellofemoral joint at 5-year follow-up. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 716-723.	2.3	15
38	Definitions of poor outcome after total knee arthroplasty: an inventory review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 378.	0.8	15
39	No effect of additional screw fixation of a cementless, all-polyethylene press-fit socket on migration, wear, and clinical outcome. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 363-367.	1.2	14
40	Long-term survivorship and clinical and radiological follow-up of the primary uncemented Delta III reverse shoulder prosthesis. <i>Journal of Orthopaedics</i> , 2019, 16, 342-346.	0.6	14
41	Improved clinical outcomes after revision arthroplasty with a hinged implant for severely stiff total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1043-1048.	2.3	14
42	Femoral component rotation after balanced gap total knee replacement is not a predictor for postoperative patella position. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 1131-1136.	2.3	13
43	A new spacer-guided, PCL balancing technique for cruciate-retaining total knee replacement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 650-659.	2.3	13
44	What Is the Reliability of a New Classification for Bone Defects in Revision TKA Based on Preoperative Radiographs?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2057-2064.	0.7	13
45	Flexion and extension laxity after medial, mobile-bearing unicompartmental knee arthroplasty: a comparison between a spacer- and a tension-guided technique. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013, 21, 2447-2452.	2.3	12
46	Superior long-term survival for fixed bearing compared with mobile bearing in ligament-balanced total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1524-1531.	2.3	12
47	Different femorotibial contact points between fixed- and mobile-bearing TKAs do not show clinical impact. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 3368-3374.	2.3	11
48	Gait and lower limb muscle strength in women after triple innominate osteotomy. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 68.	0.8	11
49	Mid-flexion laxity in the asymptomatic native knee is predominantly present on the lateral side. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3614-3625.	2.3	10
50	PCL balancing, an example of the need to couple detailed biomechanical parameters with clinical functional outcome. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1301-1303.	2.3	9
51	Pharmacokinetics of 400 mg Locally Infiltrated Ropivacaine After Total Knee Arthroplasty Without Perioperative Tourniquet Use. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 1.	1.1	9
52	Preparing for an orthopedic consultation using an eHealth tool: a randomized controlled trial in patients with hip and knee osteoarthritis. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 92.	1.5	9
53	Cancellous and cortical bone mineral density around an elastic press-fit socket in total hip arthroplasty. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 87, 583-588.	1.2	7
54	No difference in long-term micromotion between fully cemented and hybrid fixation in revision total knee arthroplasty: a randomized controlled trial. <i>Bone and Joint Journal</i> , 2022, 104-B, 875-883.	1.9	7

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55	Does osteoarthritis of the ankle joint progress after triple arthrodesis? A midterm prospective outcome study. <i>Foot and Ankle Surgery</i> , 2016, 22, 265-269.	0.8	6
56	Maximal flexion and patient outcomes after TKA, using a bicruciate-stabilizing design. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 1495-1501.	1.3	5
57	Superior Survival of Fully Cemented Fixation Compared to Hybrid Fixation in a Single Design Rotating Hinge Knee Implant. <i>Journal of Arthroplasty</i> , 2022, 37, 482-487.	1.5	5
58	Mechanical Stability of the Prodisc-C Vivo Cervical Disc Arthroplasty: A Preliminary, Observational Study Using Radiostereometric Analysis. <i>Global Spine Journal</i> , 2020, 10, 294-302.	1.2	3
59	CORR Insights®: No Difference in 5-year Clinical or Radiographic Outcomes Between Kinematic and Mechanical Alignment in TKA: A Randomized Controlled Trial. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1280-1282.	0.7	3
60	Letter to the Editor: Pain and Depression Influence Outcome 5 Years after Knee Replacement Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2750-2751.	0.7	2
61	Kinematic Magnetic Resonance Imaging Assessment of the Degenerative Cervical Spine: Changes after Anterior Decompression and Cage Fusion. <i>Global Spine Journal</i> , 2016, 6, 673-678.	1.2	2
62	Instability, an unforeseen diagnosis of the Legionâ„¢ hinge knee system. <i>Knee</i> , 2021, 28, 97-103.	0.8	2
63	Ruling out underlying infection in 200 presumed aseptic knee and hip revision arthroplasties using a multiplex PCR system. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 1283-1290.	1.3	2
64	Revision for coronal malalignment will improve functional outcome up to 5Âyears postoperatively. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 2731-2737.	2.3	2
65	Limited effect of anatomical insert geometry on in vitro laxity in balanced anatomic posterior cruciate ligament retaining total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 1273-1281.	2.3	1
66	Tibial metaphyseal sleeves in primary total knee arthroplasty following high tibial osteotomy and tibial plateau fracture; preliminary mid-term survival and outcome. <i>Knee</i> , 2022, 35, 98-104.	0.8	1
67	Post-traumatic humero-ulnar synostosis. <i>Journal of Pediatric Orthopaedics Part B</i> , 2014, 23, 379-382.	0.3	0
68	THU0430â€¦PREPARING AN ORTHOPAEDIC CONSULTATION USING AN EHEALTH TOOL: A RANDOMIZED CONTROLLED TRIAL IN PATIENTS WITH HIP AND KNEE OSTEOARTHRITIS. , 2019, , .		0
69	THU0461â€¦IDENTIFICATION OF DEFINITIONS OF POOR OUTCOME AFTER TREATMENT OF KNEE OSTEOARTHRITIS: A LITERATURE REVIEW. , 2019, , .		0
70	Flexible versus standard intramedullary rod in posterior stabilized primary total knee arthroplasty: protocol for a randomized controlled trial. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 472.	0.9	0
71	Vascular Adaptations after 4 Weeks Training with a Hybrid FES-Cycle Ergometer in Spinal Cord-Injured Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S241.	0.2	0
72	Does Computer-Assisted Surgery Affect Clinical Outcome? A Review of the Literature. , 2013, , 21-25.		0

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73	Soft Tissue Management in Computer-Assisted Cruciate-Retaining Total Knee Replacement. , 2013, , 73-82.		0