

John H Currier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7622744/publications.pdf>

Version: 2024-02-01

38
papers

1,581
citations

471509

17
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Tobacco Exposure Is Associated With Extremely Low Polyethylene Oxidation in Total Knee Arthroplasty Components. <i>Arthroplasty Today</i> , 2021, 8, 243-246.	1.6	2
2	What factors drive polyethylene wear in total knee arthroplasty?. <i>Bone and Joint Journal</i> , 2021, 103-B, 1695-1701.	4.4	12
3	Analysis of Failed Ankle Arthroplasty Components. <i>Foot and Ankle International</i> , 2019, 40, 131-138.	2.3	28
4	Effectiveness of anti-oxidant polyethylene: What early retrievals can tell us. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 353-359.	3.4	15
5	Contribution of micro-motion to backside wear in a fixed bearing total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1933-1940.	2.3	7
6	Comparison of Wear and Oxidation in Retrieved Conventional and Highly Cross-Linked UHMWPE Tibial Inserts. <i>Journal of Arthroplasty</i> , 2015, 30, 2349-2353.	3.1	18
7	Does Increased Topside Conformity in Modular Total Knee Arthroplasty Lead to Increased Backside Wear?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 220-225.	1.5	17
8	Factors Related to Imprinting Corrosion in Modular Head-Neck Junctions. , 2015, , 83-98.		6
9	Metrology for Dual Taper Total Hip Arthroplasty. , 2015, , 164-180.		2
10	Tribological conditions in mobile bearing total knee prostheses. <i>Tribology International</i> , 2013, 63, 78-88.	5.9	11
11	Gouge features on metal-on-metal hip bearings can result from high stresses during rim contact. <i>Tribology International</i> , 2013, 63, 89-96.	5.9	2
12	Plastic Deformation from Edge Loading is Common on Retrieved Metal-on-Metal Hips and Can Be Predicted With Finite Element Analysis. , 2013, , 235-250.		7
13	Knee Wear Measured in Retrievals: A Polished Tray Reduces Insert Wear. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 1860-1868.	1.5	50
14	Metal Transfer on a Ceramic Head With a Single Rim Contact. <i>Journal of Arthroplasty</i> , 2012, 27, 324.e1-324.e4.	3.1	11
15	Femoral Stem Fracture and In Vivo Corrosion of Retrieved Modular Femoral Hips. <i>Journal of Arthroplasty</i> , 2012, 27, 1389-1396.e1.	3.1	80
16	The effect of radiation dose on the tensile and impact toughness of highly cross-linked and remelted ultrahigh-molecular weight polyethylenes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 97B, 327-333.	3.4	16
17	Damage and Wear: An Important Distinction in Rotating Platform Knee Bearings. <i>Journal of ASTM International</i> , 2011, 8, 1-10.	0.2	1
18	Wear Rate in a Series of Retrieved RP Knee Bearings. <i>Journal of ASTM International</i> , 2011, 8, 1-10.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Damage and Wear: An Important Distinction in Rotating Platform Knee Bearings. , 2011, , 156-171.		1
20	Damage and Wear: An Important Distinction in Rotating Platform Knee Bearings. , 2011, , 156-171.		0
21	Wear Rate in a Series of Retrieved RP Knee Bearings. , 2011, , 172-184.		0
22	Wear Rate in a Series of Retrieved RP Knee Bearings. , 2011, , 172-184.		0
23	Evaluating the suitability of highly cross-linked and remelted materials for use in posterior stabilized knees. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2010, 95B, 298-307.	3.4	18
24	A proposed mechanism for squeaking of ceramic-on-ceramic hips. Wear, 2010, 269, 782-789.	3.1	43
25	Clinical Wear Measurement on Low Contact Stress Rotating Platform Knee Bearings. Journal of Arthroplasty, 2008, 23, 431-440.	3.1	54
26	Evaluation of Oxidation and Fatigue Damage of Retrieved Crossfire Polyethylene Acetabular Cups. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2023-2029.	3.0	76
27	Rim Cracking of the Cross-Linked Longevity Polyethylene Acetabular Liner After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2212-2217.	3.0	160
28	In Vivo Oxidation of $\hat{1}^3$ -Barrier $\hat{1}^{\text{c}}$ Sterilized Ultra $\hat{1}^{\text{c}}$ High-Molecular-Weight Polyethylene Bearings. Journal of Arthroplasty, 2007, 22, 721-731.	3.1	108
29	Evaluation of Oxidation and Fatigue Damage of Retrieved Crossfire Polyethylene Acetabular Cups. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2023-2029.	3.0	56
30	Rim Cracking of the Cross-Linked Longevity Polyethylene Acetabular Liner After Total Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2212-2217.	3.0	114
31	Analysis of wear asymmetry in a series of 94 retrieved polyethylene tibial bearings. Journal of Biomechanics, 2005, 38, 367-375.	2.1	26
32	$\hat{1}^{\text{c}}$ -Irradiation of ultrahigh-molecular-weight polyethylene: Electron paramagnetic resonance and nuclear magnetic resonance spectroscopy and imaging studies of the mechanism of subsurface oxidation. Journal of Polymer Science Part A, 2004, 42, 5929-5941.	2.3	15
33	A Multi-Station Rolling/Sliding Tribotester for Knee Bearing Materials. Journal of Tribology, 2004, 126, 380-385.	1.9	10
34	Comparison of Cross-Linked Polyethylene Materials for Orthopaedic Applications. Clinical Orthopaedics and Related Research, 2003, 414, 289-304.	1.5	152
35	Effect of fabrication method and resin type on performance of tibial bearings. , 2000, 53, 143-151.		62
36	Shelf Life and In Vivo Duration; Impacts on Performance of Tibial Bearings. Clinical Orthopaedics and Related Research, 1997, 342, 111-122.	1.5	61

#	ARTICLE	IF	CITATIONS
37	Impact of gamma sterilization on clinical performance of polyethylene in the knee. Journal of Arthroplasty, 1996, 11, 377-389.	3.1	245
38	Overview of Polyethylene as a Bearing Material Comparison of Sterilization Methods. Clinical Orthopaedics and Related Research, 1996, 333, 76??86.	1.5	92