Clare M Rimnac

List of Publications by Year
in descending order

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141 papers	5,082 citations	70961 41 h-index	98622 67 g-index
145 all docs	145 docs citations	145 times ranked	3775 citing authors

#	Article	IF	Citations
1	Use of stereolithography to manufacture critical-sized 3D biodegradable scaffolds for bone ingrowth. Journal of Biomedical Materials Research Part B, 2003, 64B, 65-69.	3.0	451
2	Ultra high molecular weight polyethylene: Mechanics, morphology, and clinical behavior. Journal of the Mechanical Behavior of Biomedical Materials, 2009, 2, 433-443.	1.5	219
3	Do Ceramic Femoral Heads Reduce Taper Fretting Corrosion in Hip Arthroplasty? A Retrieval Study. Clinical Orthopaedics and Related Research, 2013, 471, 3270-3282.	0.7	215
4	Is Increased Modularity Associated With Increased Fretting and Corrosion Damage in Metal-On-Metal Total Hip Arthroplasty Devices?. Journal of Arthroplasty, 2013, 28, 2-6.	1.5	160
5	Thermomechanical behavior of virgin and highly crosslinked ultra-high molecular weight polyethylene used in total joint replacements. Biomaterials, 2002, 23, 3681-3697.	5.7	155
6	Degradation of mechanical properties of UHMWPE acetabular liners following long-term implantation. Journal of Arthroplasty, 2003, 18, 68-78.	1.5	140
7	Wear of Polyethylene in Total Joint Replacements Observations From Retrieved PCA Knee Implants. Clinical Orthopaedics and Related Research, 1992, &NA;, 126???134.	0.7	125
8	Fatigue crack propagation resistance of virgin and highly crosslinked, thermally treated ultra-high molecular weight polyethylene. Biomaterials, 2006, 27, 1550-1557.	5.7	114
9	2006 OTTO AUFRANC AWARD PAPER: Significance of In Vivo Degradation for Polyethylene in Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 2006, 453, 47-57.	0.7	112
10	Fracture resistance of gamma radiation sterilized cortical bone allografts. Journal of Orthopaedic Research, 2001, 19, 927-934.	1.2	101
11	Effect of short-term hypomagnesemia on the chemical and mechanical properties of rat bone. Journal of Orthopaedic Research, 1992, 10, 774-783.	1.2	97
12	Polyethylene and titanium particles induce osteolysis by similar, lymphocyte-independent, mechanisms. Journal of Orthopaedic Research, 2005, 23, 376-383.	1.2	91
13	In Vivo Degradation of Polyethylene Liners After Gamma Sterilization in Air. Journal of Bone and Joint Surgery - Series A, 2005, 87, 815-823.	1.4	89
14	The Porous-Coated Anatomic Total Hip Prosthesis. Journal of Bone and Joint Surgery - Series A, 1996, 78, 755-66.	1.4	83
15	Does Vitamin Eâ€“Stabilized Ultrahigh-Molecular-Weight Polyethylene Address Concerns of Cross-Linked Polyethylene in Total Knee Arthroplasty?. Journal of Arthroplasty, 2012, 27, 461-469.	1.5	81
16	Cortical bone tissue resists fatigue fracture by deceleration and arrest of microcrack growth. Journal of Biomechanics, 2001, 34, 757-764.	0.9	80
17	Anisotropy and oxidative resistance of highly crosslinked UHMWPE after deformation processing by solid-state ram extrusion. Biomaterials, 2006, 27, 24-34.	5.7	78
18	Notch sensitivity of PEEK in monotonic tension. Biomaterials, 2009, 30, 6485-6494.	5.7	69

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19	THE EFFECT OF GAMMA RADIATION STERILIZATION ON THE FATIGUE CRACK PROPAGATION RESISTANCE OF HUMAN CORTICAL BONE. Journal of Bone and Joint Surgery - Series A, 2004, 86, 2648-2657.	1.4	69
20	An Analysis of the Head-Neck Taper Interface in Retrieved Hip Prostheses. Clinical Orthopaedics and Related Research, 1994, &NA;, 162???167.	0.7	68
21	Microdamage Caused by Fatigue Loading in Human Cancellous Bone: Relationship to Reductions in Bone Biomechanical Performance. PLoS ONE, 2013, 8, e83662.	1.1	68
22	The relationship between the clinical performance and large deformation mechanical behavior of retrieved UHMWPE tibial inserts. Biomaterials, 2000, 21, 283-291.	5.7	63
23	An augmented hybrid constitutive model for simulation of unloading and cyclic loading behavior of conventional and highly crosslinked UHMWPE. Biomaterials, 2004, 25, 2171-2178.	5.7	63
24	Gamma Inert Sterilization: A Solution to Polyethylene Oxidation?. Journal of Bone and Joint Surgery - Series A, 2009, 91, 839-849.	1.4	60
25	Mechanical behavior, wear surface morphology, and clinical performance of UHMWPE acetabular components after 10 years of implantation. Wear, 2001, 250, 152-158.	1.5	58
26	Cyclic steady state stressâ€“strain behavior of UHMW polyethylene. Biomaterials, 2000, 21, 2081-2087.	5.7	57
27	Metal Levels in Cemented Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 1992, &NA;, 66???74.	0.7	55
28	Effect of Resin Type and Manufacturing Method on Wear of Polyethylene Tibial Components. Clinical Orthopaedics and Related Research, 2000, 376, 161-171.	0.7	55
29	Loss of Cement-bone Interlock in Retrieved Tibial Components from Total Knee Arthroplasties. Clinical Orthopaedics and Related Research, 2014, 472, 304-313.	0.7	55
30	Notched fatigue behavior of PEEK. Biomaterials, 2010, 31, 9156-9162.	5.7	53
31	Editorial. Clinical Orthopaedics and Related Research, 2014, 472, 391-392.	0.7	53
32	Does Taper Size Have an Effect on Taper Damage in Retrieved Metal-on-Polyethylene Total Hip Devices?. Journal of Arthroplasty, 2016, 31, 277-281.	1.5	53
33	The effect of temperature, stress and microstructure on the creep of compact bovine bone. Journal of Biomechanics, 1993, 26, 219-228.	0.9	52
34	Crack Initiation in Retrieved Cross-Linked Highly Cross-Linked Ultrahigh-Molecular-Weight Polyethylene Acetabular Liners. Journal of Arthroplasty, 2011, 26, 796-801.	1.5	52
35	Bone-inspired microarchitectures achieve enhanced fatigue life. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24457-24462.	3.3	51
36	The balance between endotoxin accumulation and clearance during particle-induced osteolysis in murine calvaria. Journal of Orthopaedic Research, 2007, 25, 361-369.	1.2	49

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37	On the assessment of oxidative and microstructural changes after in vivo degradation of historical UHMWPE knee components by means of vibrational spectroscopies and nanoindentation. Journal of Biomedical Materials Research - Part A, 2009, 89A, 530-538.	2.1	48
38	Corrosion Damage and Wear Mechanisms in Long-Term Retrieved CoCr Femoral Components for Total Knee Arthroplasty. Journal of Arthroplasty, 2016, 31, 2900-2906.	1.5	48
39	Material heterogeneity in cancellous bone promotes deformation recovery after mechanical failure. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2892-2897.	3.3	46
40	J Integral measurements of ultra high molecular weight polyethylene. Polymer Engineering and Science, 1988, 28, 1586-1589.	1.5	44
41	Effect of abnormal mineralization on the mechanical behavior of x-linked hypophosphatemic mice femora. Bone, 1995, 17, 271-278.	1.4	44
42	Cyclic compressive loading results in fatigue cracks in ultra high molecular weight polyethylene. Journal of Orthopaedic Research, 1995, 13, 143-146.	1.2	42
43	Poly(propylene fumarate) and Poly(DL-lactic-co-glycolic acid) as Scaffold Materials for Solid and Foam-Coated Composite Tissue-Engineered Constructs for Cranial Reconstruction. Tissue Engineering, 2003, 9, 495-504.	4.9	42
44	Editorial: The Complexity of Reporting Race and Ethnicity in Orthopaedic Research. Clinical Orthopaedics and Related Research, 2018, 476, 917-920.	0.7	42
45	Do First-generation Highly Crosslinked Polyethylenes Oxidize In Vivo?. Clinical Orthopaedics and Related Research, 2011, 469, 2278-2285.	0.7	40
46	Editorial: Estimating Survivorship in the Face of Competing Risks. Clinical Orthopaedics and Related Research, 2015, 473, 1173-1176.	0.7	40
47	Mechanically Assisted Taper Corrosion in Modular TKA. Journal of Arthroplasty, 2014, 29, 205-208.	1.5	39
48	Reasons for Revision of First-Generation Highly Cross-Linked Polyethylenes. Journal of Arthroplasty, 2010, 25, 67-74.	1.5	37
49	Molecular chain stretch is a multiaxial failure criterion for conventional and highly crosslinked UHMWPE. Journal of Orthopaedic Research, 2005, 23, 367-375.	1.2	35
50	How do material properties influence wear and fracture mechanisms?. Journal of the American Academy of Orthopaedic Surgeons, The, 2008, 16, S94-S100.	1.1	35
51	EVALUATION OF CONTEMPORARY SOFTWARE METHODS USED TO QUANTIFY POLYETHYLENE WEAR AFTER TOTAL HIP ARTHROPLASTY. Journal of Bone and Joint Surgery - Series A, 2003, 85, 2410-2418.	1.4	34
52	Gamma Radiation Sterilization Reduces the High-cycle Fatigue Life of Allograft Bone. Clinical Orthopaedics and Related Research, 2016, 474, 827-835.	0.7	33
53	Do Stem Taper Microgrooves Influence Taper Corrosion in Total Hip Arthroplasty? A Matched Cohort Retrieval Study. Journal of Arthroplasty, 2017, 32, 1363-1373.	1.5	33
54	Effect of Transforming Growth Factor Î²2 on Marrow-Infused Foam Poly(Propylene Fumarate) Tissue-Engineered Constructs for the Repair of Critical-Size Cranial Defects in Rabbits. Tissue Engineering, 2005, 11, 923-939.	4.9	31

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55	In Vivo Oxidation Contributes to Delamination but not Pitting in Polyethylene Components for Total Knee Arthroplasty. Journal of Arthroplasty, 2011, 26, 802-810.	1.5	31
56	Exponential model for the tensile true stress-strain behavior of as-irradiated and oxidatively degraded ultra high molecular weight polyethylene. Journal of Orthopaedic Research, 1996, 14, 755-761.	1.2	29
57	Zirconia versus Co-Cr Femoral Heads in Total Hip Arthroplasty. Clinical Orthopaedics and Related Research, 2006, 453, 86-90.	0.7	29
58	Osseointegration of Preformed Polymethylmethacrylate Craniofacial Prostheses Coated with Bone Marrow-Impregnated Poly (DL-Lactic-co-Glycolic Acid) Foam. Plastic and Reconstructive Surgery, 1999, 104, 705-712.	0.7	28
59	Notch strengthening and hardening behavior of conventional and highly crosslinked UHMWPE under applied tensile loading. Biomaterials, 2005, 26, 3411-3426.	5.7	28
60	Reassessment of Computerized Wear Measurement for Total Hip Arthroplasty with Correction for Projectional Image Distortion. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1858-1867.	1.4	28
61	In vitro degradation and fracture toughness of multilayered porous poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 T 159-164.	3.0	27
62	Raman spectral markers of collagen denaturation and hydration in human cortical bone tissue are affected by radiation sterilization and high cycle fatigue damage. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 75, 314-321.	1.5	27
63	Fatigue crack propagation behavior of ultra high molecular weight polyethylene under mixed mode conditions. Journal of Biomedical Materials Research Part B, 1994, 28, 181-187.	3.0	26
64	Large deformation compression induced crystallinity degradation of conventional and highly crosslinked UHMWPEs. Biomaterials, 2005, 26, 6430-6439.	5.7	26
65	Analysis of Retrieved Ultraâ€“High-Molecular-Weight Polyethylene Tibial Components From Rotating-Platform Total Knee Arthroplasty. Journal of Arthroplasty, 2009, 24, 131-138.	1.5	24
66	Fatigue-induced microdamage in cancellous bone occurs distant from resorption cavities and trabecular surfaces. Bone, 2015, 79, 8-14.	1.4	23
67	Notched stressâ€“strain behavior of a conventional and a sequentially annealed highly crosslinked UHMWPE. Biomaterials, 2008, 29, 4575-4583.	5.7	22
68	Chemical and mechanical degradation of UHMWPE: Report of the development of anin vitro test. Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials, 1994, 5, 17-21.	1.1	21
69	Relationship between damage accumulation and mechanical property degradation in cortical bone: Microcrack orientation is important. Journal of Biomedical Materials Research Part B, 2003, 65A, 482-488.	3.0	21
70	Ionizing radiation and orthopaedic prostheses. Nuclear Instruments & Methods in Physics Research B, 2005, 236, 30-37.	0.6	19
71	Static fracture resistance of ultra high molecular weight polyethylene using the single specimen normalization method. Polymer Testing, 2008, 27, 260-268.	2.3	19
72	Oxidative properties and surface damage mechanisms of remelted highly crosslinked polyethylenes in total knee arthroplasty. International Orthopaedics, 2013, 37, 611-615.	0.9	19

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73	Fretting and Corrosion Damage in Taper Adapter Sleeves for Ceramic Heads: A Retrieval Study. Journal of Arthroplasty, 2017, 32, 2887-2891.	1.5	19
74	Compliance calibration for fatigue crack propagation testing of ultra high molecular weight polyethylene. Biomaterials, 2006, 27, 4693-4697.	5.7	18
75	Retrieval analysis of Harris-Galante I and II acetabular liners in situ for more than 10 years. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 83, 366-373.	1.2	18
76	Osseointegration of Preformed Polymethylmethacrylate Craniofacial Prostheses Coated with Bone Marrow-Impregnated Poly (DL-Lactic-co-Glycolic Acid) Foam. Plastic and Reconstructive Surgery, 1999, 104, 705-712.	0.7	17
77	Biomechanics of immature human cortical bone: A systematic review. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104889.	1.5	16
78	Alterations in damage processes in dense cancellous bone following gamma-radiation sterilization. Journal of Biomechanics, 2010, 43, 1509-1513.	0.9	14
79	Fracture, Fatigue, and Notch Behavior of PEEK. , 2012, , 61-73.		14
80	Editorial: Do Orthopaedic Surgeons Belong on the Sidelines at American Football Games?. Clinical Orthopaedics and Related Research, 2017, 475, 2615-2618.	0.7	14
81	Editorial: Opposites Attract at CORRÂ®â€”Machine Learning and Qualitative Research. Clinical Orthopaedics and Related Research, 2020, 478, 2193-2196.	0.7	14
82	Crack Propagation Resistance Is Similar Under Static and Cyclic Loading in Crosslinked UHMWPE: A Pilot Study. Clinical Orthopaedics and Related Research, 2011, 469, 2302-2307.	0.7	12
83	Clinical, Surface Damage and Oxidative Performance of Poly II Tibial Inserts After Long-Term Implantation. Journal of Long-Term Effects of Medical Implants, 2008, 18, 151-165.	0.2	12
84	IN VIVO DEGRADATION OF POLYETHYLENE LINERS AFTER GAMMA STERILIZATION IN AIR. Journal of Bone and Joint Surgery - Series A, 2005, 87, 815-823.	1.4	12
85	Failure of orthopedic implants: Three case histories. Materials Characterization, 1991, 26, 201-209.	1.9	11
86	Application of viscoelastic fracture model and non-uniform crack initiation at clinically relevant notches in crosslinked UHMWPE. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 17, 11-21.	1.5	11
87	Is There A Difference in Bone Ingrowth in Modular Versus Monoblock Porous Tantalum Tibial Trays?. Journal of Arthroplasty, 2015, 30, 1073-1078.	1.5	11
88	Evaluation of J-initiation fracture toughness of ultra-high-molecular-weight polyethylene used in total joint replacements. Polymer Testing, 2008, 27, 616-620.	2.3	10
89	Post Damage in Contemporary Posterior-Stabilized Tibial Inserts. Journal of Arthroplasty, 2011, 26, 606-614.	1.5	10
90	Editorial: Words Hurt - Avoiding Dehumanizing Language in Orthopaedic Research and Practice. Clinical Orthopaedics and Related Research, 2014, 472, 2561-2563.	0.7	10

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91	Editorial: How Does CORR Â® Evaluate Survey Studies?. Clinical Orthopaedics and Related Research, 2017, 475, 2143-2145.	0.7	10
92	Raman Biomarkers Are Associated with Cyclic Fatigue Life of Human Allograft Cortical Bone. Journal of Bone and Joint Surgery - Series A, 2019, 101, e85.	1.4	10
93	The importance of diversity, equity, and inclusion in orthopedic research. Journal of Orthopaedic Research, 2020, 38, 1661-1665.	1.2	10
94	CLINICAL AND HISTOLOGIC RESULTS RELATED TO A LOW-MODULUS COMPOSITE TOTAL HIP REPLACEMENT STEM. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1308-1314.	1.4	10
95	On the nature of craze development and breakdown during fatigue. Journal of Materials Science Letters, 1983, 2, 325-328.	0.5	9
96	Backside Wear of Miller-Galante I and Insall-Burstein II Tibial Inserts. Clinical Orthopaedics and Related Research, 2004, 428, 198-206.	0.7	9
97	Irradiation Does Not Modify Mechanical Properties of Cancellous Bone Under Compression. Clinical Orthopaedics and Related Research, 2012, 470, 2488-2495.	0.7	9
98	Monotonic and fatigue behavior of five clinically relevant conventional and highly crosslinked UHMWPEs in the presence of stress concentrations. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 28, 244-253.	1.5	8
99	The fracture behaviour of a PXE/HIPS polyblend. Polymer, 1982, 23, 1977-1982.	1.8	7
100	Predictive model for tensile true stress-strain behavior of chemically and mechanically degraded ultrahigh molecular weight polyethylene. Journal of Biomedical Materials Research Part B, 1998, 43, 241-248.	3.0	7
101	Does Metal Transfer Differ on Retrieved Ceramic and CoCr Femoral Heads?. BioMed Research International, 2015, 2015, 1-10.	0.9	7
102	What Is the Incidence of Cobalt-Chromium Damage Modes on the Bearing Surface of Contemporary Femoral Component Designs for Total Knee Arthroplasty?. Journal of Arthroplasty, 2018, 33, 3313-3319.	1.5	7
103	Peak stress intensity factor governs crack propagation velocity in crosslinked ultrahighâ€molecularâ€weight polyethylene. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 430-435.	1.6	6
104	Viscoplastic crack initiation and propagation in crosslinked UHMWPE from clinically relevant notches up to 0.5 mm radius. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 73-77.	1.5	6
105	Crack initiation from a clinically relevant notch in a highly-crosslinked UHMWPE subjected to static and cyclic loading. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 91, 366-372.	1.5	6
106	Microgrooved Surface Topography Does Not Influence Fretting Corrosion of Tapers in Total Hip Arthroplasty: Classification and Retrieval Analysis. , 2015, , 99-112.		6
107	Comments on ?The molecular weight dependence of fatigue crack propagation in polycarbonate?. Journal of Materials Science, 1982, 17, 1533-1537.	1.7	5
108	Editorial: Active Management of Financial Conflicts of Interest on the Editorial Board of CORR. Clinical Orthopaedics and Related Research, 2013, 471, 3393-3394.	0.7	5

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109	Adhesion Failure in Bonded Rubber Cylinders Part 2: Fatigue Life Prediction of External Ring-Shaped Cracks Using Tearing Energy Approach. Rubber Chemistry and Technology, 2003, 76, 365-385.	0.6	4
110	No Difference in Conventional Polyethylene Wear Between Yttria-stabilized Zirconia and Cobalt-chromium-molybdenum Femoral Heads at 10ÂYears. HSS Journal, 2018, 14, 60-66.	0.7	4
111	Fracture, Fatigue, and Notch Behavior of PEEK. , 2019, , 67-82.		4
112	Strain-Life Assessment of Grainex Mar-M 247 for NASAâ€™s Turbine Seal Test Facility. Journal of Engineering for Gas Turbines and Power, 2005, 127, 615-620.	0.5	3
113	Wear and Material Performance of 1st Generation Highly Crosslinked Polyethylene Implanted up to 10 Years. Journal of Arthroplasty, 2010, 25, e2.	1.5	3
114	Technical Note:Is Corrosion a Threat to the Strength of the Taper Connection in Femoral Components of Total Hip Replacements?. Corrosion, 2017, 73, 1538-1543.	0.5	3
115	Is Taper Fretting Corrosion a Threat to the Clinical Performance of Large-Diameter Hips with Highly Crosslinked Polyethylene Bearings?. , 2015, , 45-58.		3
116	The High-cycle Fatigue Life of Cortical Bone Allografts Is Radiation Sterilization Dose-dependent: An In Vitro Study. Clinical Orthopaedics and Related Research, 2022, Publish Ahead of Print, .	0.7	3
117	Fatigue Crack Growth Behavior Evaluation of Grainex Mar-M 247 for NASAâ€™s High Temperature High Speed Turbine Seal Test Rig. Journal of Engineering for Gas Turbines and Power, 2009, 131, .	0.5	2
118	Near-terminal creep damage does not substantially influence fatigue life under physiological loading. Journal of Biomechanics, 2011, 44, 1995-1998.	0.9	2
119	Editorial: Basic Science, Applied Science, and Product Testing. Clinical Orthopaedics and Related Research, 2014, 472, 2311-2312.	0.7	2
120	Editorial: Arthroplasty Devices: Registries and Beyond. Clinical Orthopaedics and Related Research, 2015, 473, 403-405.	0.7	2
121	Editorial: Reporting Gene Expression Analyses in CORRÂ®. Clinical Orthopaedics and Related Research, 2019, 477, 1525-1527.	0.7	2
122	Unexpected Wear of a Uniquely Designed Moderately Cross-Linked Polyethylene in Total Hip Arthroplasty. Journal of Arthroplasty, 2022, 37, 1130-1135.	1.5	2
123	Editorial: The Graying of the (Funded) Musculoskeletal Scientist. Clinical Orthopaedics and Related Research, 2016, 474, 1745-1748.	0.7	1
124	Are Radiographic and Direct Measures of Acetabular Polyethylene Wear Comparable?. Journal of Arthroplasty, 2018, 33, 2677-2683.	1.5	1
125	Editorial: Minimizing Workplace Biasâ€"What Surgeons, Scientists, and Their Organizations Can Do. Clinical Orthopaedics and Related Research, 2020, 478, 691-693.	0.7	1
126	Use of stereolithography to manufacture critical-sized 3D biodegradable scaffolds for bone ingrowth. , 2003, 64B, 65.		1

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127	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part III: Experimental Crack Growth Behavior. , 0, , 17-17-12.		1
128	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part III: Experimental Crack Growth Behavior. Journal of ASTM International, 2007, 4, 1-12.	0.2	1
129	Strategies and materials for the XXI century. Knee, 1996, 3, 160-161.	0.8	0
130	Letter in Reply. Clinical Orthopaedics and Related Research, 1996, 323, 342.	0.7	0
131	Strain-Life Assessment of Grainex Mar-M 247 for NASAâ€™s Turbine Seal Test Facility. , 2004, , 819.		0
132	Fatigue Crack Growth Behavior Evaluation of Grainex Mar-M 247 for NASAâ€™s High Temperature, High Speed Turbine Seal Test Rig. , 2007, , 583.		0
133	Development and Application of the Notched Tensile Test to UHMWPE. , 2009, , 473-483.		0
134	Development and Application of the Notched Tensile Test to UHMWPE. , 2016, , 721-738.		0
135	Reply to Zadpoor: Fatigue mechanisms observed in bone provide insight to microarchitectured materials. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6986-6986.	3.3	0
136	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part II: Material/Stress State and Bolt Strength. Journal of ASTM International, 2007, 4, 1-19.	0.2	0
137	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part IV: Numeric Analyses and Synthesis of All Results. Journal of ASTM International, 2007, 4, 1-27.	0.2	0
138	Effect of Non-Uniform Material De-Cohesion on Crack Initiation From Notches in Crosslinked UHMWPE. , 2011, , .		0
139	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part IV: Numeric Analyses and Synthesis of All Results. , 0, , 71-71-27.		0
140	Fatigue Crack Growth Analyses of Aerospace Threaded Fastenersâ€"Part II: Material/Stress State and Bolt Strength. , 0, , 141-141-18.		0
141	Dual-Energy X-Ray Absorptiometry (DEXA) Evaluation of the Bone Remodeling Effects of a Low-Modulus Composite Hip Stem After 2 Decades of Follow-Up. HSS Journal, 0, , 155633162211081.	0.7	0