Susanna Stea

List of Publications by Year in descending order

76 papers	2,334 citations	172207 29 h-index	233125 45 g-index
77 all docs	77 docs citations	77 times ranked	2471 citing authors

#	Article	IF	Citations
1	Squeaking and other noises in patients with ceramic-on-ceramic total hip arthroplasty. HIP International, 2020, 30, 438-445.	0.9	5
2	Mixed ceramic combinations in primary total hip arthroplasty achieved reassuring mid-to-longterm outcomes. Journal of Materials Science: Materials in Medicine, 2020, 31, 56.	1.7	6
3	The influence of bearing surfaces on periprosthetic hip infections: analysis of thirty nine thousand, two hundred and sixÂ cementless total hip arthroplasties. International Orthopaedics, 2019, 43, 103-109.	0.9	24
4	What are the influencing factors on hip and knee arthroplasty survival? Prospective cohort study on 63619 arthroplasties. Orthopaedics and Traumatology: Surgery and Research, 2019, 105, 1251-1256.	0.9	32
5	Delta-on-Delta Ceramic Bearing Surfaces in Revision Hip Arthroplasty. Journal of Arthroplasty, 2019, 34, 2065-2071.	1.5	9
6	Unilateral versus bilateral total knee arthroplasty: A registry study on survival and risk factors. Orthopaedics and Traumatology: Surgery and Research, 2019, 105, 627-631.	0.9	14
7	Highly porous titanium cup in cementless total hip arthroplasty: registry results at eight years. International Orthopaedics, 2019, 43, 1815-1821.	0.9	35
8	Component positioning and ceramic damage in cementless ceramic-on-ceramic total hip arthroplasty. Journal of Orthopaedic Science, 2019, 24, 643-651.	0.5	8
9	Preoperative valgus deformity has twice the risk of failure as compared to varus deformity after total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 3041-3047.	2.3	19
10	Short Stems Versus Conventional Stems in Cementless Total Hip Arthroplasty: A Long-Term Registry Study. Journal of Arthroplasty, 2018, 33, 1794-1799.	1.5	60
11	Is Cross-Linked Polyethylene an Improvement Over Conventional Ultra-High Molecular Weight Polyethylene in Total Knee Arthroplasty?. Journal of Arthroplasty, 2018, 33, 908-914.	1.5	20
12	Total Knee Replacement in Young Patients: Survival and Causes of Revision in a Registry Population. Journal of Arthroplasty, 2017, 32, 3368-3372.	1.5	45
13	In Vivo Damage of the Head-Neck Junction in Hard-on-Hard Total Hip Replacements: Effect of Femoral Head Size, Metal Combination, and 12/14 Taper Design. Materials, 2017, 10, 733.	1.3	11
14	3rdGeneration Alumina-on-Alumina in Modular Hip Prosthesis: 13 to 18 Years Follow-up Results. HIP International, 2017, 27, 8-13.	0.9	29
15	In vivo response of heme-oxygenase-1 to metal ions released from metal-on-metal hip prostheses. Molecular Medicine Reports, 2016, 14, 474-480.	1.1	7
16	Hypoxia mediates osteocyte ORP150 expression and cell death in vitro. Molecular Medicine Reports, 2016, 14, 4248-4254.	1.1	15
17	International Comparative Evaluation of Knee Replacement with Fixed or Mobile-Bearing Posterior-Stabilized Prostheses. Journal of Bone and Joint Surgery - Series A, 2014, 96, 59-64.	1.4	20
18	Risk of Revision Following Total Hip Arthroplasty: Metal-on-Conventional Polyethylene Compared with Metal-on-Highly Cross-Linked Polyethylene Bearing Surfaces. Journal of Bone and Joint Surgery - Series A, 2014, 96, 19-24.	1.4	24

#	Article	IF	Citations
19	International Comparative Evaluation of Knee Replacement with Fixed or Mobile Non-Posterior-Stabilized Implants. Journal of Bone and Joint Surgery - Series A, 2014, 96, 52-58.	1.4	22
20	Essential Oils for Complementary Treatment of Surgical Patients: State of the Art. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-6.	0.5	56
21	Metal Ion Release: Also a Concern for Ceramic-on-Ceramic Couplings?. HIP International, 2014, 24, 321-326.	0.9	13
22	Multinational Comprehensive Evaluation of the Fixation Method Used in Hip Replacement: Interaction with Age in Context. Journal of Bone and Joint Surgery - Series A, 2014, 96, 42-51.	1.4	36
23	Unicompartmental knee arthroplasty. Knee, 2014, 21, 1275-1279.	0.8	20
24	Metal-on-metal hip prostheses: Correlation between debris in the synovial fluid and levels of cobalt and chromium ions in the bloodstream. International Orthopaedics, 2014, 38, 469-475.	0.9	31
25	Uncemented Primary Total Hip Arthroplasty, Presentation of Pain, and Expression of Osteonectin. Artificial Organs, 2013, 37, 561-566.	1.0	1
26	Ceramic Debris in Hip Prosthesis: Correlation Between Synovial Fluid and Joint Capsule. Journal of Arthroplasty, 2013, 28, 838-841.	1.5	5
27	A Different Point of View on Sex and Risk of Hip Implant Failure and Failure Rate in Women. JAMA Internal Medicine, 2013, 173, 1557.	2.6	3
28	Detection of cobalt in synovial fluid from metal-on-metal hip prosthesis: correlation with the ion haematic level. Biomarkers, 2013, 18, 699-705.	0.9	17
29	Monocyte Chemoattractant Protein 1 Expression in Synovial Fluid of Patients With Total Hip Arthroplasty. Artificial Organs, 2012, 36, 487-491.	1.0	3
30	â€œTrunionitisâ€• A Cause for Concern?. Seminars in Arthroplasty, 2012, 23, 248-250.	0.3	6
31	Synovial fluid microanalysis allows early diagnosis of ceramic hip prosthesis damage. Journal of Orthopaedic Research, 2012, 30, 1312-1320.	1.2	19
32	Modeling the Cost-Effectiveness for Cement-Less and Hybrid Prosthesis in Total Hip Replacement in Emilia Romagna, Italy. Journal of Surgical Research, 2011, 169, 227-233.	0.8	17
33	Unexpected Prevalence of Arthritis in Women's Right Hip. Artificial Organs, 2011, 35, 972-972.	1.0	0
34	Re-use of explanted osteosynthesis devices: A reliable and inexpensive reprocessing protocol. Injury, 2011, 42, 1101-1106.	0.7	10
35	A pictographic atlas for classifying damage modes on polyethylene bearings. Journal of Materials Science: Materials in Medicine, 2011, 22, 1137-1146.	1.7	12
36	Osteon Classification in Human Fibular Shaft by Circularly Polarized Light. Cells Tissues Organs, 2010, 191, 260-268.	1.3	25

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37	Relationship between obesity and early failure of total knee prostheses. BMC Musculoskeletal Disorders, 2009, 10, 29.	0.8	79
38	Assessment of Five Interleukins in Human Synovial Fluid as Possible Markers for Aseptic Loosening of Hip Arthroplasty. Artificial Organs, 2009, 33, 538-543.	1.0	21
39	Is Laterality Associated With a Higher Rate of Hip Arthroplasty on the Dominant Side?. Artificial Organs, 2008, 32, 73-77.	1.0	8
40	TRAIL inhibits osteoclastic differentiation by counteracting RANKLâ€dependent p27^{Kip1} accumulation in preâ€osteoclast precursors. Journal of Cellular Physiology, 2008, 214, 117-125.	2.0	61
41	Multiscale modelling of the skeleton for the prediction of the risk of fracture. Clinical Biomechanics, 2008, 23, 845-852.	0.5	36
42	Multiscale investigation of the functional properties of the human femur. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 3319-3341.	1.6	41
43	Safety of Pregnancy and Delivery after Total Hip Arthroplasty. Journal of Women's Health, 2007, 16, 1300-1304.	1.5	16
44	Vibrational spectroscopy study of the oxidation of Hylamer UHMWPE explanted acetabular cups sterilized differently. Journal of Molecular Structure, 2007, 834-836, 129-135.	1.8	7
45	Relationship Between Biometric Characteristics and Stem Size of Uncemented Hip Prostheses. Artificial Organs, 2007, 31, 480-483.	1.0	4
46	Factors affecting aseptic loosening of 4750 total hip arthroplasties: multivariate survival analysis. BMC Musculoskeletal Disorders, 2007, 8, 69.	0.8	53
47	Phase transformation in explanted highly crystalline UHMWPE acetabular cups and debris after in vivo wear. Journal of Molecular Structure, 2006, 785, 98-105.	1.8	30
48	Early Diagnosis of Ceramic Liner Fracture. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63.	1.4	168
49	EARLY DIAGNOSIS OF CERAMIC LINER FRACTURE. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63.	1.4	22
50	A new method for isolation of polyethylene wear debris from tissue and synovial fluid. Biomaterials, 2004, 25, 5531-5537.	5.7	35
51	Inflammatory Response to Metals and Ceramics. , 2002, , 735-791.		5
52	Association of Two Gene Polymorphisms With Osteoarthritis Secondary to Hip Dysplasia. Clinical Orthopaedics and Related Research, 2002, 403, 108-117.	0.7	33
53	Improvement of the Boneâ€“Screw Interface Strength with Hydroxyapatite-Coated and Titanium-Coated AO/ASIF Cortical Screws. Journal of Orthopaedic Trauma, 2002, 16, 257-263.	0.7	50
54	No effect of methacrylate-based bone cement CMW 1 on the plasmatic phase of coagulation, red blood cells and endothelial cells in vitro. Acta Orthopaedica, 2001, 72, 86-93.	1.4	7

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55	Evaluation of tissue-factor production by human endothelial cells incubated with three acrylic bone cements. Journal of Biomedical Materials Research Part B, 2001, 55, 131-136.	3.0	5
56	Sister chromatid exchanges and ion release in patients wearing fracture fixation devices. , 2000, 50, 21-26.		28
57	Expression of the CD69 activation antigen on lymphocytes of patients with hip prosthesis. Biomaterials, 2000, 21, 2059-2065.	5.7	46
58	Modulation of pro- and anti-apoptotic genes in lymphocytes exposed to bone cements. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 633-646.	1.9	15
59	Biocompatibility and performance in vitro of a hemostatic gelatin sponge. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 685-699.	1.9	55
60	Cytokine release in mononuclear cells of patients with Coâ€“Cr hip prosthesis. Biomaterials, 1999, 20, 1079-1086.	5.7	111
61	The Effect of Surface Material and Roughness on Bone Screw Stability. Journal of Orthopaedic Trauma, 1999, 13, 477-482.	0.7	18
62	In vitro sister chromatid exchange induced by glass ionomer cements. , 1998, 40, 545-550.		14
63	Cytotoxicity testing of materials with limitedin vivo exposure is affected by the duration of cell-material contact. , 1998, 42, 485-490.		40
64	A Comparison of Hydroxyapatite-Coated, Titanium-Coated, and Uncoated Tapered External-Fixation Pins. An in Vivo Study in Sheep*. Journal of Bone and Joint Surgery - Series A, 1998, 80, 547-54.	1.4	103
65	Improvement of the Bone-Pin Interface with Hydroxyapatite Coating: An In Vivo Long-Term Experimental Study. Journal of Orthopaedic Trauma, 1996, 10, 236-242.	0.7	64
66	Alternative articulating surfaces for total hip replacement. Current Opinion in Orthopaedics, 1995, 6, 42-47.	0.3	1
67	Silicone breast implants: The role of immune system on capsular contracture formation. Journal of Biomedical Materials Research Part B, 1995, 29, 197-202.	3.0	76
68	Assessment of viability and proliferation ofin vivo silicone-primed lymphocytes afterin vitro re-exposure to silicone. Journal of Biomedical Materials Research Part B, 1995, 29, 583-590.	3.0	15
69	Platelet and coagulation factor variations induced in vitro by polyethylene terephthalate (DacronÂ®) coated with pyrolytic carbon. Biomaterials, 1995, 16, 973-976.	5.7	36
70	Endodontic cements induce alterations in the cell cycle of in vitro cultured osteoblasts. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1995, 79, 359-366.	1.6	29
71	Surgical Repair of Achilles Tendon Ruptures Using Polypropylene Braid Augmentation. Foot and Ankle International, 1994, 15, 372-375.	1.1	12
72	Mutagenic potential of root canal sealers: Evaluation through Ames testing. Journal of Biomedical Materials Research Part B, 1994, 28, 319-328.	3.0	30

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73	Cell culture methods for testing Biocompatibility. Clinical Materials, 1994, 15, 173-190.	0.5	152
74	Cytotoxicity testing of cyanoacrylates using direct contact assay on cell cultures. Biomaterials, 1994, 15, 63-67.	5.7	80
75	Toxicity of cyanoacrylates in vitro using extract dilution assay on cell cultures. Biomaterials, 1994, 15, 92-96.	5.7	44
76	Cytotoxicity and capability of activating hemocoagulation of polybutyleneterephthalate filters. Clinical Materials, 1993, 14, 191-198.	0.5	5