# Susanna Stea

## List of Publications by Year in descending order

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| 76 | 2,334 | 172457 | 233421 |
|---|---|---|---|
| papers | citations | 29 h-index | 45 g-index |

| 77 | 77 | 77 | 2471 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 1.7 | 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. | 3.6 | 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. | 1.9 | 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. | 2.0 | 32 |
| 5 | Delta-on-Delta Ceramic Bearing Surfaces in Revision Hip Arthroplasty. Journal of Arthroplasty, 2019, 34, 2065-2071. | 3.1 | 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. | 2.0 | 14 |
| 7 | Highly porous titanium cup in cementless total hip arthroplasty: registry results at eight years. International Orthopaedics, 2019, 43, 1815-1821. | 1.9 | 35 |
| 8 | Component positioning and ceramic damage in cementless ceramic-on-ceramic total hip arthroplasty. Journal of Orthopaedic Science, 2019, 24, 643-651. | 1.1 | 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. | 4.2 | 19 |
| 10 | Short Stems Versus Conventional Stems in Cementless Total Hip Arthroplasty: A Long-Term Registry Study. Journal of Arthroplasty, 2018, 33, 1794-1799. | 3.1 | 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. | 3.1 | 20 |
| 12 | Total Knee Replacement in Young Patients: Survival and Causes of Revision in a Registry Population. Journal of Arthroplasty, 2017, 32, 3368-3372. | 3.1 | 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. | 2.9 | 11 |
| 14 | 3<sup>rd</sup>Generation Alumina-on-Alumina in Modular Hip Prosthesis: 13 to 18 Years Follow-up Results. HIP International, 2017, 27, 8-13. | 1.7 | 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. | 2.4 | 7 |
| 16 | Hypoxia mediates osteocyte ORP150 expression and cell death in vitro. Molecular Medicine Reports, 2016, 14, 4248-4254. | 2.4 | 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. | 3.0 | 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. | 3.0 | 24 |

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|---|---|---|---|
| 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. | 3.0 | 22 |
| 20 | Essential Oils for Complementary Treatment of Surgical Patients: State of the Art. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-6. | 1.2 | 56 |
| 21 | Metal Ion Release: Also a Concern for Ceramic-on-Ceramic Couplings?. HIP International, 2014, 24, 321-326. | 1.7 | 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. | 3.0 | 36 |
| 23 | Unicompartmental knee arthroplasty. Knee, 2014, 21, 1275-1279. | 1.6 | 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. | 1.9 | 31 |
| 25 | Uncemented Primary Total Hip Arthroplasty, Presentation of Pain, and Expression of Osteonectin. Artificial Organs, 2013, 37, 561-566. | 1.9 | 1 |
| 26 | Ceramic Debris in Hip Prosthesis: Correlation Between Synovial Fluid and Joint Capsule. Journal of Arthroplasty, 2013, 28, 838-841. | 3.1 | 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. | 5.1 | 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. | 1.9 | 17 |
| 29 | Monocyte Chemoattractant Protein 1 Expression in Synovial Fluid of Patients With Total Hip Arthroplasty. Artificial Organs, 2012, 36, 487-491. | 1.9 | 3 |
| 30 | â€œTrunionitisâ€• A Cause for Concern?. Seminars in Arthroplasty, 2012, 23, 248-250. | 0.7 | 6 |
| 31 | Synovial fluid microanalysis allows early diagnosis of ceramic hip prosthesis damage. Journal of Orthopaedic Research, 2012, 30, 1312-1320. | 2.3 | 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. | 1.6 | 17 |
| 33 | Unexpected Prevalence of Arthritis in Women's Right Hip. Artificial Organs, 2011, 35, 972-972. | 1.9 | 0 |
| 34 | Re-use of explanted osteosynthesis devices: A reliable and inexpensive reprocessing protocol. Injury, 2011, 42, 1101-1106. | 1.7 | 10 |
| 35 | A pictographic atlas for classifying damage modes on polyethylene bearings. Journal of Materials Science: Materials in Medicine, 2011, 22, 1137-1146. | 3.6 | 12 |
| 36 | Osteon Classification in Human Fibular Shaft by Circularly Polarized Light. Cells Tissues Organs, 2010, 191, 260-268. | 2.3 | 25 |

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|---|---|---|---|
| 37 | Relationship between obesity and early failure of total knee prostheses. BMC Musculoskeletal Disorders, 2009, 10, 29. | 1.9 | 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. | 1.9 | 21 |
| 39 | Is Laterality Associated With a Higher Rate of Hip Arthroplasty on the Dominant Side?. Artificial Organs, 2008, 32, 73-77. | 1.9 | 8 |
| 40 | TRAIL inhibits osteoclastic differentiation by counteracting RANKLâ€dependent p27<sup>Kip1</sup> accumulation in preâ€osteoclast precursors. Journal of Cellular Physiology, 2008, 214, 117-125. | 4.1 | 61 |
| 41 | Multiscale modelling of the skeleton for the prediction of the risk of fracture. Clinical Biomechanics, 2008, 23, 845-852. | 1.2 | 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. | 3.4 | 41 |
| 43 | Safety of Pregnancy and Delivery after Total Hip Arthroplasty. Journal of Women's Health, 2007, 16, 1300-1304. | 3.3 | 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. | 3.6 | 7 |
| 45 | Relationship Between Biometric Characteristics and Stem Size of Uncemented Hip Prostheses. Artificial Organs, 2007, 31, 480-483. | 1.9 | 4 |
| 46 | Factors affecting aseptic loosening of 4750 total hip arthroplasties: multivariate survival analysis. BMC Musculoskeletal Disorders, 2007, 8, 69. | 1.9 | 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. | 3.6 | 30 |
| 48 | Early Diagnosis of Ceramic Liner Fracture. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63. | 3.0 | 168 |
| 49 | EARLY DIAGNOSIS OF CERAMIC LINER FRACTURE. Journal of Bone and Joint Surgery - Series A, 2006, 88, 55-63. | 3.0 | 22 |
| 50 | A new method for isolation of polyethylene wear debris from tissue and synovial fluid. Biomaterials, 2004, 25, 5531-5537. | 11.4 | 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. | 1.5 | 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. | 1.4 | 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. | 3.1 | 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. | 11.4 | 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. | 3.5 | 15 |
| 59 | Biocompatibility and performance in vitro of a hemostatic gelatin sponge. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 685-699. | 3.5 | 55 |
| 60 | Cytokine release in mononuclear cells of patients with Coâ€“Cr hip prosthesis. Biomaterials, 1999, 20, 1079-1086. | 11.4 | 111 |
| 61 | The Effect of Surface Material and Roughness on Bone Screw Stability. Journal of Orthopaedic Trauma, 1999, 13, 477-482. | 1.4 | 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. | 3.0 | 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. | 1.4 | 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. | 3.1 | 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. | 3.1 | 15 |
| 69 | Platelet and coagulation factor variations induced in vitro by polyethylene terephthalate (DacronÂ®) coated with pyrolytic carbon. Biomaterials, 1995, 16, 973-976. | 11.4 | 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. | 1.4 | 29 |
| 71 | Surgical Repair of Achilles Tendon Ruptures Using Polypropylene Braid Augmentation. Foot and Ankle International, 1994, 15, 372-375. | 2.3 | 12 |
| 72 | Mutagenic potential of root canal sealers: Evaluation through Ames testing. Journal of Biomedical Materials Research Part B, 1994, 28, 319-328. | 3.1 | 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. | 11.4 | 80 |
| 75 | Toxicity of cyanoacrylates in vitro using extract dilution assay on cell cultures. Biomaterials, 1994, 15, 92-96. | 11.4 | 44 |
| 76 | Cytotoxicity and capability of activating hemocoagulation of polybutyleneterephthalate filters. Clinical Materials, 1993, 14, 191-198. | 0.5 | 5 |