

Joseph H Schwab

List of Publications by Year in descending order

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Version: 2024-02-01

252
papers

6,483
citations

70961

41
h-index

114278

63
g-index

254
all docs

254
docs citations

254
times ranked

4885
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term results of Phase II study of high dose photon/proton radiotherapy in the management of spine chordomas, chondrosarcomas, and other sarcomas. <i>Journal of Surgical Oncology</i> , 2014, 110, 115-122.	0.8	184
2	B7-H3: An Attractive Target for Antibody-based Immunotherapy. <i>Clinical Cancer Research</i> , 2021, 27, 1227-1235.	3.2	162
3	Giant Cell Tumor of the Mobile Spine. <i>Spine</i> , 2012, 37, E37-E45.	1.0	134
4	High-dose proton-based radiation therapy in the management of spine chordomas: outcomes and clinicopathological prognostic factors. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 788-797.	0.9	133
5	The Surgical Management of Sacral Chordomas. <i>Spine</i> , 2009, 34, 2700-2704.	1.0	127
6	Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. <i>Neurosurgery</i> , 2019, 85, E671-E681.	0.6	125
7	Skeletal Metastases in Myxoid Liposarcoma: An Unusual Pattern of Distant Spread. <i>Annals of Surgical Oncology</i> , 2007, 14, 1507-1514.	0.7	112
8	Development of a Prognostic Survival Algorithm for Patients with Metastatic Spine Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1767-1776.	1.4	111
9	Outcome After Reconstruction of the Proximal Humerus for Tumor Resection: A Systematic Review. <i>Clinical Orthopaedics and Related Research</i> , 2014, 472, 2245-2253.	0.7	108
10	Development of Machine Learning Algorithms for Prediction of 30-Day Mortality After Surgery for Spinal Metastasis. <i>Neurosurgery</i> , 2019, 85, E83-E91.	0.6	106
11	Clinicopathologic characteristics of poorly differentiated chordoma. <i>Modern Pathology</i> , 2018, 31, 1237-1245.	2.9	102
12	Machine learning for prediction of sustained opioid prescription after anterior cervical discectomy and fusion. <i>Spine Journal</i> , 2019, 19, 976-983.	0.6	97
13	Spinal metastases from myxoid liposarcoma warrant screening with magnetic resonance imaging. <i>Cancer</i> , 2007, 110, 1815-1822.	2.0	92
14	Development of Machine Learning Algorithms for Prediction of Sustained Postoperative Opioid Prescriptions After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 2272-2277.e1.	1.5	92
15	Chordoma and chondrosarcoma gene profile: implications for immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 339-349.	2.0	85
16	The Identification of Prognostic Factors and Survival Statistics of Conventional Central Chondrosarcoma. <i>Sarcoma</i> , 2015, 2015, 1-11.	0.7	77
17	Augmented and virtual reality in spine surgery, current applications and future potentials. <i>Spine Journal</i> , 2021, 21, 1617-1625.	0.6	77
18	Development of machine learning algorithms for prediction of prolonged opioid prescription after surgery for lumbar disc herniation. <i>Spine Journal</i> , 2019, 19, 1764-1771.	0.6	75

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19	Does Local Recurrence Impact Survival in Low-grade Chondrosarcoma of the Long Bones?. <i>Clinical Orthopaedics and Related Research</i> , 2007, 462, 175-180.	0.7	74
20	Can Machine-learning Techniques Be Used for 5-year Survival Prediction of Patients With Chondrosarcoma?. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 2040-2048.	0.7	73
21	Development of machine learning algorithms for prediction of discharge disposition after elective inpatient surgery for lumbar degenerative disc disorders. <i>Neurosurgical Focus</i> , 2018, 45, E6.	1.0	72
22	Allogeneic blood transfusions and postoperative infections after lumbar spine surgery. <i>Spine Journal</i> , 2015, 15, 901-909.	0.6	71
23	Updated Outcome and Analysis of Tumor Response in Mobile Spine and Sacral Chordoma Treated With Definitive High-Dose Photon/Proton Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 254-262.	0.4	69
24	Chondrosarcoma of the Mobile Spine. <i>Spine</i> , 2012, 37, 119-126.	1.0	68
25	Defective HLA class I antigen processing machinery in cancer. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 999-1009.	2.0	68
26	Incidence of Surgical Site Infection After Spine Surgery: What Is the Impact of the Definition of Infection?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 1612-1619.	0.7	63
27	The SORG nomogram accurately predicts 3- and 12-months survival for operable spine metastatic disease: External validation. <i>Journal of Surgical Oncology</i> , 2017, 115, 1019-1027.	0.8	63
28	2015 Marshall Urist Young Investigator Award: Prognostication in Patients With Long Bone Metastases: Does a Boosting Algorithm Improve Survival Estimates?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 3112-3121.	0.7	61
29	Osteosarcoma of the spine: experience in 26 patients treated at the Massachusetts General Hospital. <i>Spine Journal</i> , 2010, 10, 708-714.	0.6	58
30	External validation of the SORG 90-day and 1-year machine learning algorithms for survival in spinal metastatic disease. <i>Spine Journal</i> , 2020, 20, 14-21.	0.6	58
31	A novel target for treatment of chordoma: signal transducers and activators of transcription 3. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2597-2605.	1.9	57
32	Complications and reoperations after surgery for 647 patients with spine metastatic disease. <i>Spine Journal</i> , 2019, 19, 144-156.	0.6	54
33	Radiation-induced and neurofibromatosis-associated malignant peripheral nerve sheath tumors (MPNST) have worse outcomes than sporadic MPNST. <i>Radiotherapy and Oncology</i> , 2019, 137, 61-70.	0.3	54
34	Development of Machine Learning Algorithms to Predict Clinically Meaningful Improvement for the Patient-Reported Health State After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2119-2123.	1.5	52
35	Modified En Bloc Spondylectomy for Tumors of the Thoracic and Lumbar Spine. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1476-1484.	1.4	50
36	Development and Internal Validation of Machine Learning Algorithms for Preoperative Survival Prediction of Extremity Metastatic Disease. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 322-333.	0.7	50

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37	Chordoma: an update on the pathophysiology and molecular mechanisms. <i>Current Reviews in Musculoskeletal Medicine</i> , 2015, 8, 344-352.	1.3	49
38	Predicting prolonged opioid prescriptions in opioid-naïve lumbar spine surgery patients. <i>Spine Journal</i> , 2020, 20, 888-895.	0.6	49
39	Spinal Epidural Abscess: Diagnosis, Management, and Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, e929-e938.	1.1	47
40	Validation of the Spine Oncology Study Group's Outcomes Questionnaire to assess quality of life in patients with metastatic spine disease. <i>Spine Journal</i> , 2017, 17, 768-776.	0.6	44
41	How Does the Level of Nerve Root Resection in En Bloc Sacrectomy Influence Patient-Reported Outcomes?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 607-616.	0.7	44
42	Development of machine learning algorithms for prediction of mortality in spinal epidural abscess. <i>Spine Journal</i> , 2019, 19, 1950-1959.	0.6	44
43	Natural language processing for automated detection of incidental durotomy. <i>Spine Journal</i> , 2020, 20, 695-700.	0.6	44
44	Sacral Insufficiency Fractures are Common After High-dose Radiation for Sacral Chordomas Treated With or Without Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 766-772.	0.7	43
45	Most efficient questionnaires to measure quality of life, physical function, and pain in patients with metastatic spine disease: a cross-sectional prospective survey study. <i>Spine Journal</i> , 2017, 17, 953-961.	0.6	41
46	Prognostic role of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in patients with bone metastases. <i>British Journal of Cancer</i> , 2018, 119, 737-743.	2.9	41
47	Development of a machine learning algorithm for prediction of failure of nonoperative management in spinal epidural abscess. <i>Spine Journal</i> , 2019, 19, 1657-1665.	0.6	41
48	Sacral chordoma: a clinical review of 101 cases with 30-year experience in a single institution. <i>Spine Journal</i> , 2019, 19, 869-879.	0.6	41
49	Dedifferentiated Chordoma. <i>American Journal of Surgical Pathology</i> , 2020, 44, 1213-1223.	2.1	41
50	Predicting nonroutine discharge after elective spine surgery: external validation of machine learning algorithms. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 742-747.	0.9	41
51	Blockage of Stat3 With CDDO-Me Inhibits Tumor Cell Growth in Chordoma. <i>Spine</i> , 2010, 35, 1668-1675.	1.0	40
52	A Comparison of Intramedullary and Juxtacortical Low-grade Osteogenic Sarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1318-1322.	0.7	39
53	Outcome after fixation of metastatic proximal femoral fractures: A systematic review of 40 studies. <i>Journal of Surgical Oncology</i> , 2016, 114, 507-519.	0.8	38
54	Development of machine learning and natural language processing algorithms for preoperative prediction and automated identification of intraoperative vascular injury in anterior lumbar spine surgery. <i>Spine Journal</i> , 2021, 21, 1635-1642.	0.6	38

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55	Spinal metastases 2021: a review of the current state of the art and future directions. Spine Journal, 2021, 21, 1414-1429.	0.6	38
56	Histone deacetylase inhibitor (HDACI) PCI-24781 potentiates cytotoxic effects of doxorubicin in bone sarcoma cells. Cancer Chemotherapy and Pharmacology, 2011, 67, 439-446.	1.1	37
57	Establishment and characterization of a novel chordoma cell line: CH22. Journal of Orthopaedic Research, 2012, 30, 1666-1673.	1.2	37
58	Low dose radiotherapy is associated with local complications but not disease control in sacral chordoma. Journal of Surgical Oncology, 2019, 119, 856-863.	0.8	37
59	Does the SORG Algorithm Predict 5-year Survival in Patients with Chondrosarcoma? An External Validation. Clinical Orthopaedics and Related Research, 2019, 477, 2296-2303.	0.7	37
60	Complications After Surgical Management of Proximal Femoral Metastasis: A Retrospective Study of 417 Patients. Journal of the American Academy of Orthopaedic Surgeons, The, 2016, 24, 483-494.	1.1	36
61	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. Journal of Neurosurgery: Spine, 2019, 30, 119-125.	0.9	35
62	Tissue Microarray Immunohistochemical Detection of Brachyury Is Not a Prognostic Indicator in Chordoma. PLoS ONE, 2013, 8, e75851.	1.1	34
63	A comparison of questionnaires for assessing physical function in patients with lower extremity bone metastases. Journal of Surgical Oncology, 2016, 114, 691-696.	0.8	34
64	Predicting discharge placement after elective surgery for lumbar spinal stenosis using machine learning methods. European Spine Journal, 2019, 28, 1433-1440.	1.0	34
65	Development of Machine Learning Algorithms for Prediction of 5-Year Spinal Chordoma Survival. World Neurosurgery, 2018, 119, e842-e847.	0.7	33
66	Does the SORG algorithm generalize to a contemporary cohort of patients with spinal metastases on external validation?. Spine Journal, 2020, 20, 1646-1652.	0.6	33
67	Machine learning prediction models in orthopedic surgery: A systematic review in transparent reporting. Journal of Orthopaedic Research, 2022, 40, 475-483.	1.2	33
68	Quality of life after en bloc resection of tumors in the mobile spine. Spine Journal, 2015, 15, 1728-1737.	0.6	32
69	Ambulatory status after surgical and nonsurgical treatment for spinal metastasis. Cancer, 2019, 125, 2631-2637.	2.0	32
70	Development of a machine learning algorithm predicting discharge placement after surgery for spondylolisthesis. European Spine Journal, 2019, 28, 1775-1782.	1.0	32
71	Can natural language processing provide accurate, automated reporting of wound infection requiring reoperation after lumbar discectomy?. Spine Journal, 2020, 20, 1602-1609.	0.6	31
72	Prospective validation of a clinical prediction score for survival in patients with spinal metastases: the New England Spinal Metastasis Score. Spine Journal, 2021, 21, 28-36.	0.6	31

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73	Characterization and Analysis of Human Chordoma Cell Lines. <i>Spine</i> , 2010, 35, 1257-1264.	1.0	30
74	High Risk of Symptomatic Venous Thromboembolism After Surgery for Spine Metastatic Bone Lesions: A Retrospective Study. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 1674-1686.	0.7	30
75	FDG-PET Lacks Sufficient Sensitivity to Detect Myxoid Liposarcoma Spinal Metastases Detected by MRI. <i>Sarcoma</i> , 2007, 2007, 1-3.	0.7	29
76	Nonoperative Management of Spinal Epidural Abscess. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 546-555.	1.4	29
77	Optimal Fixation for the Extended Trochanteric Osteotomy. <i>Journal of Arthroplasty</i> , 2008, 23, 534-538.	1.5	28
78	CSPG4 as a prognostic biomarker in chordoma. <i>Spine Journal</i> , 2016, 16, 722-727.	0.6	28
79	Availability and reporting quality of external validations of machine-learning prediction models with orthopedic surgical outcomes: a systematic review. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 92, 385-393.	1.2	28
80	Function Correlates with Deltoid Preservation in Patients Having Scapular Replacement. <i>Clinical Orthopaedics and Related Research</i> , 2006, 452, 225-230.	0.7	27
81	What's New in Primary Bone Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1913-1919.	1.4	27
82	The Discrepancy between Patient and Clinician Reported Function in Extremity Bone Metastases. <i>Sarcoma</i> , 2016, 2016, 1-6.	0.7	27
83	Metastasectomy, intralesional resection, or stabilization only in the treatment of bone metastases from renal cell carcinoma. <i>Journal of Surgical Oncology</i> , 2016, 114, 237-245.	0.8	27
84	Prognostic value of serum alkaline phosphatase in spinal metastatic disease. <i>British Journal of Cancer</i> , 2019, 120, 640-646.	2.9	27
85	International external validation of the SORG machine learning algorithms for predicting 90-day and one-year survival of patients with spine metastases using a Taiwanese cohort. <i>Spine Journal</i> , 2021, 21, 1670-1678.	0.6	27
86	Multidrug resistant osteosarcoma cell lines exhibit deficiency of GADD45 β expression. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 124-133.	2.2	26
87	Development of Predictive Algorithms for Pre-Treatment Motor Deficit and 90-Day Mortality in Spinal Epidural Abscess. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1030-1038.	1.4	26
88	Patellar Complications Following Distal Femoral Replacement After Bone Tumor Resection. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2225.	1.4	26
89	Outcome after reconstruction of proximal femoral tumors: A systematic review. <i>Journal of Surgical Oncology</i> , 2019, 119, 120-129.	0.8	25
90	Maxillofacial and Axial/Appendicular Giant Cell Lesions: Unique Tumors or Variants of the Same Disease? A Comparison of Phenotypic, Clinical, and Radiographic Characteristics. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 130-137.	0.5	24

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91	The effect of short (2-weeks) versus long (6-weeks) post-operative restrictions following lumbar discectomy: a prospective randomized control trial. <i>European Spine Journal</i> , 2017, 26, 905-912.	1.0	24
92	Discharge Disposition After Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , 2019, 132, e14-e20.	0.7	24
93	Feasibility of Machine Learning and Logistic Regression Algorithms to Predict Outcome in Orthopaedic Trauma Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 544-551.	1.4	24
94	Minimally Invasive Posterior Stabilization Improved Ambulation and Pain Scores in Patients with Plasmacytomas and/or Metastases of the Spine. <i>International Journal of Surgical Oncology</i> , 2011, 2011, 1-5.	0.3	23
95	Prognostic Factors for Failure of Antibiotic Treatment in Patients With Osteomyelitis of the Spine. <i>Spine</i> , 2017, 42, 1339-1346.	1.0	23
96	Vascularized Fibular Strut Autografts in Spinal Reconstruction after Resection of Vertebral Chordoma or Chondrosarcoma: A Retrospective Series. <i>Neurosurgery</i> , 2017, 81, 156-164.	0.6	23
97	Prognostic Factors in Dedifferentiated Chondrosarcoma: A Retrospective Analysis of a Large Series Treated at a Single Institution. <i>Sarcoma</i> , 2019, 2019, 1-10.	0.7	23
98	Development of prediction models for clinically meaningful improvement in PROMIS scores after lumbar decompression. <i>Spine Journal</i> , 2021, 21, 397-404.	0.6	23
99	Intracellular antigens as targets for antibody based immunotherapy of malignant diseases. <i>Molecular Oncology</i> , 2015, 9, 1982-1993.	2.1	22
100	High Risk of Venous Thromboembolism After Surgery for Long Bone Metastases: A Retrospective Study of 682 Patients. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 2052-2061.	0.7	22
101	Thirty-day Postoperative Complications After Surgery For Metastatic Long Bone Disease Are Associated With Higher Mortality at 1 Year. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 306-318.	0.7	22
102	Development and validation of machine learning algorithms for postoperative opioid prescriptions after TKA. <i>Journal of Orthopaedics</i> , 2020, 22, 95-99.	0.6	22
103	Updated external validation of the SORG machine learning algorithms for prediction of ninety-day and one-year mortality after surgery for spinal metastasis. <i>Spine Journal</i> , 2021, 21, 1679-1686.	0.6	22
104	Comparison of Intrawound Vancomycin Utility in Posterior Instrumented Spine Surgeries Between Patients With Tumor and Nontumor Patients. <i>Spine</i> , 2015, 40, 1586-1592.	1.0	21
105	Chordoma arising from benign multifocal notochordal tumors. <i>Skeletal Radiology</i> , 2017, 46, 1745-1752.	1.2	21
106	Validating the Stopping Opioids after Surgery (SOS) score for sustained postoperative prescription opioid use in spine surgical patients. <i>Spine Journal</i> , 2019, 19, 1666-1671.	0.6	21
107	Allograft reconstruction of the humerus: Complications and revision surgery. <i>Journal of Surgical Oncology</i> , 2019, 119, 329-335.	0.8	21
108	CORR Synthesis: When Should We Be Skeptical of Clinical Prediction Models?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2722-2728.	0.7	21

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109	Prediction of Postoperative Delirium in Geriatric Hip Fracture Patients: A Clinical Prediction Model Using Machine Learning Algorithms. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2021, 12, 215145932110622.	0.6	21
110	Minimum Clinically Important Difference. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 2331-2337.	1.4	21
111	What questionnaires to use when measuring quality of life in sacral tumor patients: the updated sacral tumor survey. <i>Spine Journal</i> , 2017, 17, 636-644.	0.6	20
112	Outcome of operative treatment of metastatic fractures of the humerus: a systematic review of twenty three clinical studies. <i>International Orthopaedics</i> , 2015, 39, 735-746.	0.9	19
113	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. <i>Cancer Letters</i> , 2021, 505, 37-48.	3.2	19
114	Development of machine learning algorithms to predict achievement of minimal clinically important difference for the KOOSâ€PS following total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2022, 40, 808-815.	1.2	19
115	Does Artificial Intelligence Outperform Natural Intelligence in Interpreting Musculoskeletal Radiological Studies? A Systematic Review. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2751-2764.	0.7	19
116	Histone deacetylase inhibitor PCI-24781 enhances chemotherapy-induced apoptosis in multidrug-resistant sarcoma cell lines. <i>Anticancer Research</i> , 2011, 31, 1115-23.	0.5	19
117	Do Histologic Criteria Predict Biologic Behavior of Giant Cell Lesions?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 2573-2580.	0.5	18
118	Is There an Association of Epidural Corticosteroid Injection With Postoperative Surgical Site Infection After Surgery for Lumbar Degenerative Spine Disease?. <i>Spine</i> , 2016, 41, 1542-1547.	1.0	18
119	Are allogeneic blood transfusions associated with decreased survival after surgical treatment for spinal metastases?. <i>Spine Journal</i> , 2016, 16, 951-961.	0.6	18
120	Complications after surgery for metastatic humeral lesions. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 207-215.	1.2	18
121	Neutrophil to lymphocyte ratio and mortality in spinal epidural abscess. <i>Spine Journal</i> , 2019, 19, 1180-1185.	0.6	18
122	What Is the Effect of High-dose Radiation on Bone in Patients With Sacral Chordoma? A CT Study. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 520-528.	0.7	17
123	How Does the Skeletal Oncology Research Group Algorithmâ€™s Prediction of 5-year Survival in Patients with Chondrosarcoma Perform on International Validation?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2300-2308.	0.7	17
124	SMART on FHIR in spine: integrating clinical prediction models into electronic health records for precision medicine at the point of care. <i>Spine Journal</i> , 2020, 21, 1649-1651.	0.6	17
125	[18F]-Fluoromisonidazole Positron Emission Tomography/Computed Tomography Visualization of Tumor Hypoxia in Patients With Chordoma of the Mobile and Sacrococcygeal Spine. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1030-1036.	0.4	16
126	Percutaneous Acetabuloplasty Compared With Open Reconstruction for Extensive Periacetabular Carcinoma Metastases. <i>Journal of Arthroplasty</i> , 2015, 30, 1586-1591.	1.5	16

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127	Are Allogeneic Blood Transfusions Associated With Decreased Survival After Surgery for Long-bone Metastatic Fractures?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 2343-2351.	0.7	16
128	Immunotherapy as a Potential Treatment for Chordoma: a Review. <i>Current Oncology Reports</i> , 2016, 18, 55.	1.8	16
129	Predictors of venous thromboembolism in patients with primary sarcoma of bone. <i>Surgical Oncology</i> , 2017, 26, 506-510.	0.8	16
130	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , 2020, 20, 5-13.	0.6	16
131	Laminoplastyâ€”an underutilized procedure for cervical spondylotic myelopathy. <i>Spine Journal</i> , 2021, 21, 571-577.	0.6	16
132	B7-H3 targeted antibody-based immunotherapy of malignant diseases. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 587-602.	1.4	16
133	Prospective comparison of the accuracy of the New England Spinal Metastasis Score (NESMS) to legacy scoring systems in prognosticating outcomes following treatment of spinal metastases. <i>Spine Journal</i> , 2022, 22, 39-48.	0.6	16
134	A machine learning algorithm for predicting prolonged postoperative opioid prescription after lumbar disc herniation surgery. An external validation study using 1,316 patients from a Taiwanese cohort. <i>Spine Journal</i> , 2022, 22, 1119-1130.	0.6	16
135	Factors associated with infection after reconstructive shoulder surgery for proximal humerus tumors. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 931-938.	1.2	15
136	The Prevalence of Incidental and Symptomatic Lumbar Synovial Facet Cysts. <i>Clinical Spine Surgery</i> , 2018, 31, E296-E301.	0.7	15
137	Fungal spinal epidural abscess: a case series of nine patients. <i>Spine Journal</i> , 2019, 19, 516-522.	0.6	15
138	Design of the prospective observational study of spinal metastasis treatment (POST). <i>Spine Journal</i> , 2020, 20, 572-579.	0.6	15
139	International Validation of the SORG Machine-learning Algorithm for Predicting the Survival of Patients with Extremity Metastases Undergoing Surgical Treatment. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 367-378.	0.7	15
140	Immune Surveillance Plays a Role in Locally Aggressive Giant Cell Lesions of Bone. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 3071-3081.	0.7	14
141	What Is the Clinical Benefit of Common Orthopaedic Procedures as Assessed by the PROMIS Versus Other Validated Outcomes Tools?. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 1672-1681.	0.7	14
142	Surgical Strategies for Chordoma. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 251-261.	0.8	13
143	Incidental durotomy: predictive risk model and external validation of natural language process identification algorithm. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 342-348.	0.9	13
144	Clinical Outcome Differences in the Treatment of Impending Versus Completed Pathological Long-Bone Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 307-315.	1.4	13

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145	What's New in Primary Bone Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 2099-2104.	1.4	12
146	Albumin and Spinal Epidural Abscess: Derivation and Validation in Two Independent Data Sets. <i>World Neurosurgery</i> , 2019, 123, e416-e426.	0.7	12
147	Patient experiences of decision-making in the treatment of spinal metastases: a qualitative study. <i>Spine Journal</i> , 2020, 20, 905-914.	0.6	12
148	Natural language processing for prediction of readmission in posterior lumbar fusion patients: which free-text notes have the most utility?. <i>Spine Journal</i> , 2022, 22, 272-277.	0.6	12
149	Prognostic models for spinal metastatic disease: evolution of methodologies, limitations, and future opportunities. <i>Annals of Translational Medicine</i> , 2019, 7, 219-219.	0.7	12
150	Clinical outcomes for patients after surgery and radiation therapy for mesenchymal chondrosarcomas. <i>Journal of Surgical Oncology</i> , 2016, 114, 982-986.	0.8	11
151	Predicting pathological fracture in femoral metastases using a clinical CT scan based algorithm: A case-control study. <i>Journal of Orthopaedic Science</i> , 2018, 23, 394-402.	0.5	11
152	Natural language processing for automated quantification of bone metastases reported in free-text bone scintigraphy reports. <i>Acta Oncologica</i> , 2020, 59, 1455-1460.	0.8	11
153	Defective HLA Class I Expression and Patterns of Lymphocyte Infiltration in Chordoma Tumors. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 1373-1382.	0.7	11
154	EIT-kit: An Electrical Impedance Tomography Toolkit for Health and Motion Sensing. , 2021, , .		11
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