

Joseph H Schwab

List of Publications by Year in descending order

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Version: 2024-02-01

252
papers

6,483
citations

71102

41
h-index

114465

63
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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. Journal of Surgical Oncology, 2014, 110, 115-122.	1.7	184
2	B7-H3: An Attractive Target for Antibody-based Immunotherapy. Clinical Cancer Research, 2021, 27, 1227-1235.	7.0	162
3	Giant Cell Tumor of the Mobile Spine. Spine, 2012, 37, E37-E45.	2.0	134
4	High-dose proton-based radiation therapy in the management of spine chordomas: outcomes and clinicopathological prognostic factors. Journal of Neurosurgery: Spine, 2015, 23, 788-797.	1.7	133
5	The Surgical Management of Sacral Chordomas. Spine, 2009, 34, 2700-2704.	2.0	127
6	Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. Neurosurgery, 2019, 85, E671-E681.	1.1	125
7	Skeletal Metastases in Myxoid Liposarcoma: An Unusual Pattern of Distant Spread. Annals of Surgical Oncology, 2007, 14, 1507-1514.	1.5	112
8	Development of a Prognostic Survival Algorithm for Patients with Metastatic Spine Disease. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1767-1776.	3.0	111
9	Outcome After Reconstruction of the Proximal Humerus for Tumor Resection: A Systematic Review. Clinical Orthopaedics and Related Research, 2014, 472, 2245-2253.	1.5	108
10	Development of Machine Learning Algorithms for Prediction of 30-Day Mortality After Surgery for Spinal Metastasis. Neurosurgery, 2019, 85, E83-E91.	1.1	106
11	Clinicopathologic characteristics of poorly differentiated chordoma. Modern Pathology, 2018, 31, 1237-1245.	5.5	102
12	Machine learning for prediction of sustained opioid prescription after anterior cervical discectomy and fusion. Spine Journal, 2019, 19, 976-983.	1.3	97
13	Spinal metastases from myxoid liposarcoma warrant screening with magnetic resonance imaging. Cancer, 2007, 110, 1815-1822.	4.1	92
14	Development of Machine Learning Algorithms for Prediction of Sustained Postoperative Opioid Prescriptions After Total Hip Arthroplasty. Journal of Arthroplasty, 2019, 34, 2272-2277.e1.	3.1	92
15	Chordoma and chondrosarcoma gene profile: implications for immunotherapy. Cancer Immunology, Immunotherapy, 2009, 58, 339-349.	4.2	85
16	The Identification of Prognostic Factors and Survival Statistics of Conventional Central Chondrosarcoma. Sarcoma, 2015, 2015, 1-11.	1.3	77
17	Augmented and virtual reality in spine surgery, current applications and future potentials. Spine Journal, 2021, 21, 1617-1625.	1.3	77
18	Development of machine learning algorithms for prediction of prolonged opioid prescription after surgery for lumbar disc herniation. Spine Journal, 2019, 19, 1764-1771.	1.3	75

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19	Does Local Recurrence Impact Survival in Low-grade Chondrosarcoma of the Long Bones?. Clinical Orthopaedics and Related Research, 2007, 462, 175-180.	1.5	74
20	Can Machine-learning Techniques Be Used for 5-year Survival Prediction of Patients With Chondrosarcoma?. Clinical Orthopaedics and Related Research, 2018, 476, 2040-2048.	1.5	73
21	Development of machine learning algorithms for prediction of discharge disposition after elective inpatient surgery for lumbar degenerative disc disorders. Neurosurgical Focus, 2018, 45, E6.	2.3	72
22	Allogeneic blood transfusions and postoperative infections after lumbar spine surgery. Spine Journal, 2015, 15, 901-909.	1.3	71
23	Updated Outcome and Analysis of Tumor Response in Mobile Spine and Sacral Chordoma Treated With Definitive High-Dose Photon/Proton Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2017, 97, 254-262.	0.8	69
24	Chondrosarcoma of the Mobile Spine. Spine, 2012, 37, 119-126.	2.0	68
25	Defective HLA class I antigen processing machinery in cancer. Cancer Immunology, Immunotherapy, 2018, 67, 999-1009.	4.2	68
26	Incidence of Surgical Site Infection After Spine Surgery: What Is the Impact of the Definition of Infection?. Clinical Orthopaedics and Related Research, 2015, 473, 1612-1619.	1.5	63
27	The SORG nomogram accurately predicts 3- and 12-months survival for operable spine metastatic disease: External validation. Journal of Surgical Oncology, 2017, 115, 1019-1027.	1.7	63
28	2015 Marshall Urist Young Investigator Award: Prognostication in Patients With Long Bone Metastases: Does a Boosting Algorithm Improve Survival Estimates?. Clinical Orthopaedics and Related Research, 2015, 473, 3112-3121.	1.5	61
29	Osteosarcoma of the spine: experience in 26 patients treated at the Massachusetts General Hospital. Spine Journal, 2010, 10, 708-714.	1.3	58
30	External validation of the SORG 90-day and 1-year machine learning algorithms for survival in spinal metastatic disease. Spine Journal, 2020, 20, 14-21.	1.3	58
31	A novel target for treatment of chordoma: signal transducers and activators of transcription 3. Molecular Cancer Therapeutics, 2009, 8, 2597-2605.	4.1	57
32	Complications and reoperations after surgery for 647 patients with spine metastatic disease. Spine Journal, 2019, 19, 144-156.	1.3	54
33	Radiation-induced and neurofibromatosis-associated malignant peripheral nerve sheath tumors (MPNST) have worse outcomes than sporadic MPNST. Radiotherapy and Oncology, 2019, 137, 61-70.	0.6	54
34	Development of Machine Learning Algorithms to Predict Clinically Meaningful Improvement for the Patient-Reported Health State After Total Hip Arthroplasty. Journal of Arthroplasty, 2020, 35, 2119-2123.	3.1	52
35	Modified En Bloc Spondylectomy for Tumors of the Thoracic and Lumbar Spine. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1476-1484.	3.0	50
36	Development and Internal Validation of Machine Learning Algorithms for Preoperative Survival Prediction of Extremity Metastatic Disease. Clinical Orthopaedics and Related Research, 2020, 478, 322-333.	1.5	50

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37	Chordoma: an update on the pathophysiology and molecular mechanisms. Current Reviews in Musculoskeletal Medicine, 2015, 8, 344-352.	3.5	49
38	Predicting prolonged opioid prescriptions in opioid-naïve lumbar spine surgery patients. Spine Journal, 2020, 20, 888-895.	1.3	49
39	Spinal Epidural Abscess: Diagnosis, Management, and Outcomes. Journal of the American Academy of Orthopaedic Surgeons, The, 2020, 28, e929-e938.	2.5	47
40	Validation of the Spine Oncology Study Group's Outcomes Questionnaire to assess quality of life in patients with metastatic spine disease. Spine Journal, 2017, 17, 768-776.	1.3	44
41	How Does the Level of Nerve Root Resection in En Bloc Sacrectomy Influence Patient-Reported Outcomes?. Clinical Orthopaedics and Related Research, 2017, 475, 607-616.	1.5	44
42	Development of machine learning algorithms for prediction of mortality in spinal epidural abscess. Spine Journal, 2019, 19, 1950-1959.	1.3	44
43	Natural language processing for automated detection of incidental durotomy. Spine Journal, 2020, 20, 695-700.	1.3	44
44	Sacral Insufficiency Fractures are Common After High-dose Radiation for Sacral Chordomas Treated With or Without Surgery. Clinical Orthopaedics and Related Research, 2016, 474, 766-772.	1.5	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. Spine Journal, 2017, 17, 953-961.	1.3	41
46	Prognostic role of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in patients with bone metastases. British Journal of Cancer, 2018, 119, 737-743.	6.4	41
47	Development of a machine learning algorithm for prediction of failure of nonoperative management in spinal epidural abscess. Spine Journal, 2019, 19, 1657-1665.	1.3	41
48	Sacral chordoma: a clinical review of 101 cases with 30-year experience in a single institution. Spine Journal, 2019, 19, 869-879.	1.3	41
49	Dedifferentiated Chordoma. American Journal of Surgical Pathology, 2020, 44, 1213-1223.	3.7	41
50	Predicting nonroutine discharge after elective spine surgery: external validation of machine learning algorithms. Journal of Neurosurgery: Spine, 2019, 31, 742-747.	1.7	41
51	Blockage of Stat3 With CDDO-Me Inhibits Tumor Cell Growth in Chordoma. Spine, 2010, 35, 1668-1675.	2.0	40
52	A Comparison of Intramedullary and Juxtacortical Low-grade Osteogenic Sarcoma. Clinical Orthopaedics and Related Research, 2008, 466, 1318-1322.	1.5	39
53	Outcome after fixation of metastatic proximal femoral fractures: A systematic review of 40 studies. Journal of Surgical Oncology, 2016, 114, 507-519.	1.7	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. Spine Journal, 2021, 21, 1635-1642.	1.3	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.	1.3	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.	2.3	37
57	Establishment and characterization of a novel chordoma cell line: CH22. Journal of Orthopaedic Research, 2012, 30, 1666-1673.	2.3	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.	1.7	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.	1.5	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.	2.5	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.	1.7	35
62	Tissue Microarray Immunohistochemical Detection of Brachyury Is Not a Prognostic Indicator in Chordoma. PLoS ONE, 2013, 8, e75851.	2.5	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.	1.7	34
64	Predicting discharge placement after elective surgery for lumbar spinal stenosis using machine learning methods. European Spine Journal, 2019, 28, 1433-1440.	2.2	34
65	Development of Machine Learning Algorithms for Prediction of 5-Year Spinal Chordoma Survival. World Neurosurgery, 2018, 119, e842-e847.	1.3	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.	1.3	33
67	Machine learning prediction models in orthopedic surgery: A systematic review in transparent reporting. Journal of Orthopaedic Research, 2022, 40, 475-483.	2.3	33
68	Quality of life after en bloc resection of tumors in the mobile spine. Spine Journal, 2015, 15, 1728-1737.	1.3	32
69	Ambulatory status after surgical and nonsurgical treatment for spinal metastasis. Cancer, 2019, 125, 2631-2637.	4.1	32
70	Development of a machine learning algorithm predicting discharge placement after surgery for spondylolisthesis. European Spine Journal, 2019, 28, 1775-1782.	2.2	32
71	Can natural language processing provide accurate, automated reporting of wound infection requiring reoperation after lumbar discectomy?. Spine Journal, 2020, 20, 1602-1609.	1.3	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.	1.3	31

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73	Characterization and Analysis of Human Chordoma Cell Lines. <i>Spine</i> , 2010, 35, 1257-1264.	2.0	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.	1.5	30
75	FDG-PET Lacks Sufficient Sensitivity to Detect Myxoid Liposarcoma Spinal Metastases Detected by MRI. <i>Sarcoma</i> , 2007, 2007, 1-3.	1.3	29
76	Nonoperative Management of Spinal Epidural Abscess. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 546-555.	3.0	29
77	Optimal Fixation for the Extended Trochanteric Osteotomy. <i>Journal of Arthroplasty</i> , 2008, 23, 534-538.	3.1	28
78	CSPG4 as a prognostic biomarker in chordoma. <i>Spine Journal</i> , 2016, 16, 722-727.	1.3	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.	3.3	28
80	Function Correlates with Deltoid Preservation in Patients Having Scapular Replacement. <i>Clinical Orthopaedics and Related Research</i> , 2006, 452, 225-230.	1.5	27
81	What's New in Primary Bone Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, 1913-1919.	3.0	27
82	The Discrepancy between Patient and Clinician Reported Function in Extremity Bone Metastases. <i>Sarcoma</i> , 2016, 2016, 1-6.	1.3	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.	1.7	27
84	Prognostic value of serum alkaline phosphatase in spinal metastatic disease. <i>British Journal of Cancer</i> , 2019, 120, 640-646.	6.4	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.	1.3	27
86	Multidrug resistant osteosarcoma cell lines exhibit deficiency of GADD45 expression. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 124-133.	4.9	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.	3.0	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.	3.0	26
89	Outcome after reconstruction of proximal femoral tumors: A systematic review. <i>Journal of Surgical Oncology</i> , 2019, 119, 120-129.	1.7	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.	1.2	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.	2.2	24
92	Discharge Disposition After Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , 2019, 132, e14-e20.	1.3	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.	3.0	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.	0.6	23
95	Prognostic Factors for Failure of Antibiotic Treatment in Patients With Osteomyelitis of the Spine. <i>Spine</i> , 2017, 42, 1339-1346.	2.0	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.	1.1	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.	1.3	23
98	Development of prediction models for clinically meaningful improvement in PROMIS scores after lumbar decompression. <i>Spine Journal</i> , 2021, 21, 397-404.	1.3	23
99	Intracellular antigens as targets for antibody based immunotherapy of malignant diseases. <i>Molecular Oncology</i> , 2015, 9, 1982-1993.	4.6	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.	1.5	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.	1.5	22
102	Development and validation of machine learning algorithms for postoperative opioid prescriptions after TKA. <i>Journal of Orthopaedics</i> , 2020, 22, 95-99.	1.3	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.	1.3	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.	2.0	21
105	Chordoma arising from benign multifocal notochordal tumors. <i>Skeletal Radiology</i> , 2017, 46, 1745-1752.	2.0	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.	1.3	21
107	Allograft reconstruction of the humerus: Complications and revision surgery. <i>Journal of Surgical Oncology</i> , 2019, 119, 329-335.	1.7	21
108	CORR Synthesis: When Should We Be Skeptical of Clinical Prediction Models?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 2722-2728.	1.5	21

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109	Prediction of Postoperative Delirium in Geriatric Hip Fracture Patients: A Clinical Prediction Model Using Machine Learning Algorithms. Geriatric Orthopaedic Surgery and Rehabilitation, 2021, 12, 215145932110622.	1.4	21
110	Minimum Clinically Important Difference. Journal of Bone and Joint Surgery - Series A, 2021, 103, 2331-2337.	3.0	21
111	What questionnaires to use when measuring quality of life in sacral tumor patients: the updated sacral tumor survey. Spine Journal, 2017, 17, 636-644.	1.3	20
112	Outcome of operative treatment of metastatic fractures of the humerus: a systematic review of twenty three clinical studies. International Orthopaedics, 2015, 39, 735-746.	1.9	19
113	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. Cancer Letters, 2021, 505, 37-48.	7.2	19
114	Development of machine learning algorithms to predict achievement of minimal clinically important difference for the KOOSâ€PS following total knee arthroplasty. Journal of Orthopaedic Research, 2022, 40, 808-815.	2.3	19
115	Does Artificial Intelligence Outperform Natural Intelligence in Interpreting Musculoskeletal Radiological Studies? A Systematic Review. Clinical Orthopaedics and Related Research, 2020, 478, 2751-2764.	1.5	19
116	Histone deacetylase inhibitor PCI-24781 enhances chemotherapy-induced apoptosis in multidrug-resistant sarcoma cell lines. Anticancer Research, 2011, 31, 1115-23.	1.1	19
117	Do Histologic Criteria Predict Biologic Behavior of Giant Cell Lesions?. Journal of Oral and Maxillofacial Surgery, 2012, 70, 2573-2580.	1.2	18
118	Is There an Association of Epidural Corticosteroid Injection With Postoperative Surgical Site Infection After Surgery for Lumbar Degenerative Spine Disease?. Spine, 2016, 41, 1542-1547.	2.0	18
119	Are allogeneic blood transfusions associated with decreased survival after surgical treatment for spinal metastases?. Spine Journal, 2016, 16, 951-961.	1.3	18
120	Complications after surgery for metastatic humeral lesions. Journal of Shoulder and Elbow Surgery, 2016, 25, 207-215.	2.6	18
121	Neutrophil to lymphocyte ratio and mortality in spinal epidural abscess. Spine Journal, 2019, 19, 1180-1185.	1.3	18
122	What Is the Effect of High-dose Radiation on Bone in Patients With Sacral Chordoma? A CT Study. Clinical Orthopaedics and Related Research, 2018, 476, 520-528.	1.5	17
123	How Does the Skeletal Oncology Research Group Algorithmâ€™s Prediction of 5-year Survival in Patients with Chondrosarcoma Perform on International Validation?. Clinical Orthopaedics and Related Research, 2020, 478, 2300-2308.	1.5	17
124	SMART on FHIR in spine: integrating clinical prediction models into electronic health records for precision medicine at the point of care. Spine Journal, 2020, 21, 1649-1651.	1.3	17
125	[18F]-Fluoromisonidazole Positron Emission Tomography/Computed Tomography Visualization of Tumor Hypoxia in Patients With Chordoma of the Mobile and Sacrococcygeal Spine. International Journal of Radiation Oncology Biology Physics, 2014, 90, 1030-1036.	0.8	16
126	Percutaneous Acetabuloplasty Compared With Open Reconstruction for Extensive Periacetabular Carcinoma Metastases. Journal of Arthroplasty, 2015, 30, 1586-1591.	3.1	16

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127	Are Allogeneic Blood Transfusions Associated With Decreased Survival After Surgery for Long-bone Metastatic Fractures?. Clinical Orthopaedics and Related Research, 2015, 473, 2343-2351.	1.5	16
128	Immunotherapy as a Potential Treatment for Chordoma: a Review. Current Oncology Reports, 2016, 18, 55.	4.0	16
129	Predictors of venous thromboembolism in patients with primary sarcoma of bone. Surgical Oncology, 2017, 26, 506-510.	1.6	16
130	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. Spine Journal, 2020, 20, 5-13.	1.3	16
131	Laminoplastyâ€”an underutilized procedure for cervical spondylotic myelopathy. Spine Journal, 2021, 21, 571-577.	1.3	16
132	B7-H3 targeted antibody-based immunotherapy of malignant diseases. Expert Opinion on Biological Therapy, 2021, 21, 587-602.	3.1	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. Spine Journal, 2022, 22, 39-48.	1.3	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. Spine Journal, 2022, 22, 1119-1130.	1.3	16
135	Factors associated with infection after reconstructive shoulder surgery for proximal humerus tumors. Journal of Shoulder and Elbow Surgery, 2017, 26, 931-938.	2.6	15
136	The Prevalence of Incidental and Symptomatic Lumbar Synovial Facet Cysts. Clinical Spine Surgery, 2018, 31, E296-E301.	1.3	15
137	Fungal spinal epidural abscess: a case series of nine patients. Spine Journal, 2019, 19, 516-522.	1.3	15
138	Design of the prospective observational study of spinal metastasis treatment (POST). Spine Journal, 2020, 20, 572-579.	1.3	15
139	International Validation of the SORG Machine-learning Algorithm for Predicting the Survival of Patients with Extremity Metastases Undergoing Surgical Treatment. Clinical Orthopaedics and Related Research, 2022, 480, 367-378.	1.5	15
140	Immune Surveillance Plays a Role in Locally Aggressive Giant Cell Lesions of Bone. Clinical Orthopaedics and Related Research, 2017, 475, 3071-3081.	1.5	14
141	What Is the Clinical Benefit of Common Orthopaedic Procedures as Assessed by the PROMIS Versus Other Validated Outcomes Tools?. Clinical Orthopaedics and Related Research, 2022, 480, 1672-1681.	1.5	14
142	Surgical Strategies for Chordoma. Neurosurgery Clinics of North America, 2020, 31, 251-261.	1.7	13
143	Incidental durotomy: predictive risk model and external validation of natural language process identification algorithm. Journal of Neurosurgery: Spine, 2020, 33, 342-348.	1.7	13
144	Clinical Outcome Differences in the Treatment of Impending Versus Completed Pathological Long-Bone Fractures. Journal of Bone and Joint Surgery - Series A, 2022, 104, 307-315.	3.0	13

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145	What's New in Primary Bone Tumors. Journal of Bone and Joint Surgery - Series A, 2014, 96, 2099-2104.	3.0	12
146	Albumin and Spinal Epidural Abscess: Derivation and Validation in Two Independent Data Sets. World Neurosurgery, 2019, 123, e416-e426.	1.3	12
147	Patient experiences of decision-making in the treatment of spinal metastases: a qualitative study. Spine Journal, 2020, 20, 905-914.	1.3	12
148	Natural language processing for prediction of readmission in posterior lumbar fusion patients: which free-text notes have the most utility?. Spine Journal, 2022, 22, 272-277.	1.3	12
149	Prognostic models for spinal metastatic disease: evolution of methodologies, limitations, and future opportunities. Annals of Translational Medicine, 2019, 7, 219-219.	1.7	12
150	Clinical outcomes for patients after surgery and radiation therapy for mesenchymal chondrosarcomas. Journal of Surgical Oncology, 2016, 114, 982-986.	1.7	11
151	Predicting pathological fracture in femoral metastases using a clinical CT scan based algorithm: A case-control study. Journal of Orthopaedic Science, 2018, 23, 394-402.	1.1	11
152	Natural language processing for automated quantification of bone metastases reported in free-text bone scintigraphy reports. Acta Oncologica, 2020, 59, 1455-1460.	1.8	11
153	Defective HLA Class I Expression and Patterns of Lymphocyte Infiltration in Chordoma Tumors. Clinical Orthopaedics and Related Research, 2021, 479, 1373-1382.	1.5	11
154	EIT-kit: An Electrical Impedance Tomography Toolkit for Health and Motion Sensing. , 2021, , .		11
155	Novel Tumor Antigen-Specific Monoclonal Antibody-Based Immunotherapy to Eradicate Both Differentiated Cancer Cells and Cancer-Initiating Cells in Solid Tumors. Seminars in Oncology, 2014, 41, 685-699.	2.2	10
156	Independent predictors of spinal epidural abscess recurrence. Spine Journal, 2018, 18, 1837-1844.	1.3	10
157	Survival After Surgery for Renal Cell Carcinoma Metastatic to the Spine: Impact of Modern Systemic Therapies on Outcomes. Neurosurgery, 2020, 87, 1174-1180.	1.1	10
158	Pleiotropic Mechanisms Drive Endocrine Resistance in the Three-Dimensional Bone Microenvironment. Cancer Research, 2021, 81, 371-383.	0.9	10
159	A Classification System for Spinal Cord Compression and its Association With Neurological Deficit in Spinal Epidural Abscess. Clinical Spine Surgery, 2019, 32, E126-E132.	1.3	9
160	Laminoplasty versus laminectomy and fusion for cervical spondylotic myelopathy: a cost analysis. Spine Journal, 2020, 20, 1770-1775.	1.3	9
161	Temporizing Wound VAC Dressing Until Final Negative Margins are Achieved Reduces Myxofibrosarcoma Local Recurrence. Annals of Surgical Oncology, 2021, 28, 9171-9176.	1.5	9
162	Assessing the Safety and Utility of Wound VAC Temporization of the Sarcoma or Benign Aggressive Tumor Bed Until Final Margins Are Achieved. Annals of Surgical Oncology, 2022, 29, 2290-2298.	1.5	9

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163	Development and external validation of predictive algorithms for six-week mortality in spinal metastasis using 4,304 patients from five institutions. <i>Spine Journal</i> , 2022, 22, 2033-2041.	1.3	9
164	Comparison of Decompression With and Without Fusion for Patients With Synovial Facet Cysts. <i>Clinical Spine Surgery</i> , 2017, 30, E1399-E1404.	1.3	8
165	Serum alkaline phosphatase and 30-day mortality after surgery for spinal metastatic disease. <i>Journal of Neuro-Oncology</i> , 2018, 140, 165-171.	2.9	8
166	Physical function and pain intensity in patients with metastatic bone disease. <i>Journal of Surgical Oncology</i> , 2019, 120, 376-381.	1.7	8
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