

# Joseph H Schwab

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227  
papers

3,967  
citations

33  
h-index

51  
g-index

254  
ext. papers

5,272  
ext. citations

2.8  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
227	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> , <b>2014</b> , 110, 115-22	2.8	153
226	The surgical management of sacral chordomas. <i>Spine</i> , <b>2009</b> , 34, 2700-4	3.3	116
225	High-dose proton-based radiation therapy in the management of spine chordomas: outcomes and clinicopathological prognostic factors. <i>Journal of Neurosurgery: Spine</i> , <b>2015</b> , 23, 788-97	2.8	110
224	Giant cell tumor of the mobile spine: a review of 49 cases. <i>Spine</i> , <b>2012</b> , 37, E37-45	3.3	99
223	Skeletal metastases in myxoid liposarcoma: an unusual pattern of distant spread. <i>Annals of Surgical Oncology</i> , <b>2007</b> , 14, 1507-14	3.1	93
222	Development of a Prognostic Survival Algorithm for Patients with Metastatic Spine Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2016</b> , 98, 1767-1776	5.6	81
221	Outcome after reconstruction of the proximal humerus for tumor resection: a systematic review. <i>Clinical Orthopaedics and Related Research</i> , <b>2014</b> , 472, 2245-53	2.2	77
220	Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. <i>Neurosurgery</i> , <b>2019</b> , 85, E671-E681	3.2	70
219	Spinal metastases from myxoid liposarcoma warrant screening with magnetic resonance imaging. <i>Cancer</i> , <b>2007</b> , 110, 1815-22	6.4	69
218	Does local recurrence impact survival in low-grade chondrosarcoma of the long bones?. <i>Clinical Orthopaedics and Related Research</i> , <b>2007</b> , 462, 175-80	2.2	69
217	Chordoma and chondrosarcoma gene profile: implications for immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>2009</b> , 58, 339-49	7.4	67
216	The Identification of Prognostic Factors and Survival Statistics of Conventional Central Chondrosarcoma. <i>Sarcoma</i> , <b>2015</b> , 2015, 623746	3.1	61
215	Clinicopathologic characteristics of poorly differentiated chordoma. <i>Modern Pathology</i> , <b>2018</b> , 31, 1237-1245	3.5	60
214	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> , <b>2017</b> , 97, 254-262	4	59
213	Development of Machine Learning Algorithms for Prediction of 30-Day Mortality After Surgery for Spinal Metastasis. <i>Neurosurgery</i> , <b>2019</b> , 85, E83-E91	3.2	59
212	Machine learning for prediction of sustained opioid prescription after anterior cervical discectomy and fusion. <i>Spine Journal</i> , <b>2019</b> , 19, 976-983	4	57
211	Allogeneic blood transfusions and postoperative infections after lumbar spine surgery. <i>Spine Journal</i> , <b>2015</b> , 15, 901-9	4	56

210	Chondrosarcoma of the mobile spine: a review of 21 cases treated at a single center. <i>Spine</i> , <b>2012</b> , 37, 119-26	3.3	54
209	Incidence of surgical site infection after spine surgery: what is the impact of the definition of infection?. <i>Clinical Orthopaedics and Related Research</i> , <b>2015</b> , 473, 1612-9	2.2	51
208	Osteosarcoma of the spine: experience in 26 patients treated at the Massachusetts General Hospital. <i>Spine Journal</i> , <b>2010</b> , 10, 708-14	4	50
207	A novel target for treatment of chordoma: signal transducers and activators of transcription 3. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 2597-605	6.1	50
206	Development of machine learning algorithms for prediction of discharge disposition after elective inpatient surgery for lumbar degenerative disc disorders. <i>Neurosurgical Focus</i> , <b>2018</b> , 45, E6	4.2	49
205	Can Machine-learning Techniques Be Used for 5-year Survival Prediction of Patients With Chondrosarcoma?. <i>Clinical Orthopaedics and Related Research</i> , <b>2018</b> , 476, 2040-2048	2.2	49
204	Development of Machine Learning Algorithms for Prediction of Sustained Postoperative Opioid Prescriptions After Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , <b>2019</b> , 34, 2272-2277.e1	4.4	44
203	Development of machine learning algorithms for prediction of prolonged opioid prescription after surgery for lumbar disc herniation. <i>Spine Journal</i> , <b>2019</b> , 19, 1764-1771	4	44
202	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> , <b>2015</b> , 473, 3112-21	2.2	44
201	B7-H3: An Attractive Target for Antibody-based Immunotherapy. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 1227-1235	1.9	44
200	Defective HLA class I antigen processing machinery in cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2018</b> , 67, 999-1009	7.4	42
199	Chordoma: an update on the pathophysiology and molecular mechanisms. <i>Current Reviews in Musculoskeletal Medicine</i> , <b>2015</b> , 8, 344-52	4.6	41
198	The SORG nomogram accurately predicts 3- and 12-months survival for operable spine metastatic disease: External validation. <i>Journal of Surgical Oncology</i> , <b>2017</b> , 115, 1019-1027	2.8	39
197	How Does the Level of Nerve Root Resection in En Bloc Sacrectomy Influence Patient-Reported Outcomes?. <i>Clinical Orthopaedics and Related Research</i> , <b>2017</b> , 475, 607-616	2.2	36
196	Histone deacetylase inhibitor (HDACI) PCI-24781 potentiates cytotoxic effects of doxorubicin in bone sarcoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 67, 439-46	3.5	34
195	A comparison of intramedullary and juxtacortical low-grade osteogenic sarcoma. <i>Clinical Orthopaedics and Related Research</i> , <b>2008</b> , 466, 1318-22	2.2	34
194	Radiation-induced and neurofibromatosis-associated malignant peripheral nerve sheath tumors (MPNST) have worse outcomes than sporadic MPNST. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 137, 61-70	5.3	33
193	Sacral Insufficiency Fractures are Common After High-dose Radiation for Sacral Chordomas Treated With or Without Surgery. <i>Clinical Orthopaedics and Related Research</i> , <b>2016</b> , 474, 766-72	2.2	33

192	Blockage of Stat3 with CDDO-Me inhibits tumor cell growth in chordoma. <i>Spine</i> , <b>2010</b> , 35, 1668-75	3.3	33
191	External validation of the SORG 90-day and 1-year machine learning algorithms for survival in spinal metastatic disease. <i>Spine Journal</i> , <b>2020</b> , 20, 14-21	4	33
190	Prognostic role of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in patients with bone metastases. <i>British Journal of Cancer</i> , <b>2018</b> , 119, 737-743	8.7	32
189	Complications and reoperations after surgery for 647 patients with spine metastatic disease. <i>Spine Journal</i> , <b>2019</b> , 19, 144-156	4	32
188	Tissue microarray immunohistochemical detection of brachyury is not a prognostic indicator in chordoma. <i>PLoS ONE</i> , <b>2013</b> , 8, e75851	3.7	31
187	Validation of the Spine Oncology Study Group-Outcomes Questionnaire to assess quality of life in patients with metastatic spine disease. <i>Spine Journal</i> , <b>2017</b> , 17, 768-776	4	30
186	Modified En Bloc Spondylectomy for Tumors of the Thoracic and Lumbar Spine: Surgical Technique and Outcomes. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2017</b> , 99, 1476-1484	5.6	30
185	Establishment and characterization of a novel chordoma cell line: CH22. <i>Journal of Orthopaedic Research</i> , <b>2012</b> , 30, 1666-73	3.8	29
184	Quality of life after en bloc resection of tumors in the mobile spine. <i>Spine Journal</i> , <b>2015</b> , 15, 1728-37	4	28
183	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> , <b>2017</b> , 17, 953-961	4	27
182	FDG-PET Lacks Sufficient Sensitivity to Detect Myxoid Liposarcoma Spinal Metastases Detected by MRI. <i>Sarcoma</i> , <b>2007</b> , 2007, 36785	3.1	27
181	A comparison of questionnaires for assessing physical function in patients with lower extremity bone metastases. <i>Journal of Surgical Oncology</i> , <b>2016</b> , 114, 691-696	2.8	27
180	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> , <b>2020</b> , 35, 2119-2123	4.4	26
179	Characterization and analysis of human chordoma cell lines. <i>Spine</i> , <b>2010</b> , 35, 1257-64	3.3	26
178	Sacral chordoma: a clinical review of 101 cases with 30-year experience in a single institution. <i>Spine Journal</i> , <b>2019</b> , 19, 869-879	4	26
177	Development of machine learning algorithms for prediction of mortality in spinal epidural abscess. <i>Spine Journal</i> , <b>2019</b> , 19, 1950-1959	4	25
176	Development of a machine learning algorithm for prediction of failure of nonoperative management in spinal epidural abscess. <i>Spine Journal</i> , <b>2019</b> , 19, 1657-1665	4	25
175	What's new in primary bone tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2012</b> , 94, 1913-9	5.6	25

174	Predicting nonroutine discharge after elective spine surgery: external validation of machine learning algorithms. <i>Journal of Neurosurgery: Spine</i> , <b>2019</b> , 1-6	2.8	25
173	Development and Internal Validation of Machine Learning Algorithms for Preoperative Survival Prediction of Extremity Metastatic Disease. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 322-333	3.2	25
172	Low dose radiotherapy is associated with local complications but not disease control in sacral chordoma. <i>Journal of Surgical Oncology</i> , <b>2019</b> , 119, 856-863	2.8	24
171	Outcome after fixation of metastatic proximal femoral fractures: A systematic review of 40 studies. <i>Journal of Surgical Oncology</i> , <b>2016</b> , 114, 507-19	2.8	24
170	Multidrug resistant osteosarcoma cell lines exhibit deficiency of GADD45alpha expression. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 124-33	5.4	23
169	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> , <b>2010</b> , 68, 130-7	1.8	22
168	Optimal fixation for the extended trochanteric osteotomy: a pilot study comparing 3 cables vs 2 cables. <i>Journal of Arthroplasty</i> , <b>2008</b> , 23, 534-8	4.4	22
167	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , <b>2018</b> , 30, 119-125	2.8	22
166	Predicting prolonged opioid prescriptions in opioid-naïve lumbar spine surgery patients. <i>Spine Journal</i> , <b>2020</b> , 20, 888-895	4	22
165	Natural language processing for automated detection of incidental durotomy. <i>Spine Journal</i> , <b>2020</b> , 20, 695-700	4	22
164	Complications After Surgical Management of Proximal Femoral Metastasis: A Retrospective Study of 417 Patients. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , <b>2016</b> , 24, 483-94	4.5	21
163	CSPG4 as a prognostic biomarker in chordoma. <i>Spine Journal</i> , <b>2016</b> , 16, 722-7	4	21
162	Predicting discharge placement after elective surgery for lumbar spinal stenosis using machine learning methods. <i>European Spine Journal</i> , <b>2019</b> , 28, 1433-1440	2.7	20
161	Nonoperative Management of Spinal Epidural Abscess: Development of a Predictive Algorithm for Failure. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2018</b> , 100, 546-555	5.6	20
160	Patellar complications following distal femoral replacement after bone tumor resection. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2006</b> , 88, 2225-30	5.6	20
159	Outcome after reconstruction of proximal femoral tumors: A systematic review. <i>Journal of Surgical Oncology</i> , <b>2019</b> , 119, 120-129	2.8	20
158	Development of Machine Learning Algorithms for Prediction of 5-Year Spinal Chordoma Survival. <i>World Neurosurgery</i> , <b>2018</b> , 119, e842-e847	2.1	20
157	Vascularized Fibular Strut Autografts in Spinal Reconstruction after Resection of Vertebral Chordoma or Chondrosarcoma: A Retrospective Series. <i>Neurosurgery</i> , <b>2017</b> , 81, 156-164	3.2	19

156	Development of a machine learning algorithm predicting discharge placement after surgery for spondylolisthesis. <i>European Spine Journal</i> , <b>2019</b> , 28, 1775-1782	2.7	18
155	Function correlates with deltoid preservation in patients having scapular replacement. <i>Clinical Orthopaedics and Related Research</i> , <b>2006</b> , 452, 225-30	2.2	18
154	Histone deacetylase inhibitor PCI-24781 enhances chemotherapy-induced apoptosis in multidrug-resistant sarcoma cell lines. <i>Anticancer Research</i> , <b>2011</b> , 31, 1115-23	2.3	18
153	Does the SORG Algorithm Predict 5-year Survival in Patients with Chondrosarcoma? An External Validation. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 2296-2303	2.2	18
152	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> , <b>2017</b> , 26, 905-912	2.7	17
151	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> , <b>2011</b> , 2011, 239230	0.9	17
150	Ambulatory status after surgical and nonsurgical treatment for spinal metastasis. <i>Cancer</i> , <b>2019</b> , 125, 2631-2637	6.4	16
149	Comparison of Intrawound Vancomycin Utility in Posterior Instrumented Spine Surgeries Between Patients With Tumor and Nontumor Patients. <i>Spine</i> , <b>2015</b> , 40, 1586-92	3.3	16
148	Dedifferentiated Chordoma: Clinicopathologic and Molecular Characteristics With Integrative Analysis. <i>American Journal of Surgical Pathology</i> , <b>2020</b> , 44, 1213-1223	6.7	16
147	The Discrepancy between Patient and Clinician Reported Function in Extremity Bone Metastases. <i>Sarcoma</i> , <b>2016</b> , 2016, 1014248	3.1	16
146	Does the SORG algorithm generalize to a contemporary cohort of patients with spinal metastases on external validation?. <i>Spine Journal</i> , <b>2020</b> , 20, 1646-1652	4	15
145	Do histologic criteria predict biologic behavior of giant cell lesions?. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 2573-80	1.8	15
144	High Risk of Symptomatic Venous Thromboembolism After Surgery for Spine Metastatic Bone Lesions: A Retrospective Study. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 1674-1686	2.2	15
143	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> , <b>2021</b> , 21, 1635-1642	4	15
142	What questionnaires to use when measuring quality of life in sacral tumor patients: the updated sacral tumor survey. <i>Spine Journal</i> , <b>2017</b> , 17, 636-644	4	14
141	Chordoma arising from benign multifocal notochordal tumors. <i>Skeletal Radiology</i> , <b>2017</b> , 46, 1745-1752	2.7	14
140	Prognostic Factors for Failure of Antibiotic Treatment in Patients With Osteomyelitis of the Spine. <i>Spine</i> , <b>2017</b> , 42, 1339-1346	3.3	14
139	Intracellular antigens as targets for antibody based immunotherapy of malignant diseases. <i>Molecular Oncology</i> , <b>2015</b> , 9, 1982-93	7.9	14

138	Are allogeneic blood transfusions associated with decreased survival after surgical treatment for spinal metastases?. <i>Spine Journal</i> , <b>2016</b> , 16, 951-61	4	14
137	Allograft reconstruction of the humerus: Complications and revision surgery. <i>Journal of Surgical Oncology</i> , <b>2019</b> , 119, 329-335	2.8	14
136	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> , <b>2018</b> , 100, 1030-1038	5.6	14
135	Validating the Stopping Opioids after Surgery (SOS) score for sustained postoperative prescription opioid use in spine surgical patients. <i>Spine Journal</i> , <b>2019</b> , 19, 1666-1671	4	13
134	Percutaneous Acetabuloplasty Compared With Open Reconstruction for Extensive Periacetabular Carcinoma Metastases. <i>Journal of Arthroplasty</i> , <b>2015</b> , 30, 1586-91	4.4	13
133	Outcome of operative treatment of metastatic fractures of the humerus: a systematic review of twenty three clinical studies. <i>International Orthopaedics</i> , <b>2015</b> , 39, 735-46	3.8	13
132	[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> , <b>2014</b> , 90, 1030-6	4	13
131	Metastasectomy, intralesional resection, or stabilization only in the treatment of bone metastases from renal cell carcinoma. <i>Journal of Surgical Oncology</i> , <b>2016</b> , 114, 237-45	2.8	13
130	High Risk of Venous Thromboembolism After Surgery for Long Bone Metastases: A Retrospective Study of 682 Patients. <i>Clinical Orthopaedics and Related Research</i> , <b>2018</b> , 476, 2052-2061	2.2	13
129	Prognostic value of serum alkaline phosphatase in spinal metastatic disease. <i>British Journal of Cancer</i> , <b>2019</b> , 120, 640-646	8.7	12
128	Can natural language processing provide accurate, automated reporting of wound infection requiring reoperation after lumbar discectomy?. <i>Spine Journal</i> , <b>2020</b> , 20, 1602-1609	4	12
127	Augmented and virtual reality in spine surgery, current applications and future potentials. <i>Spine Journal</i> , <b>2021</b> , 21, 1617-1625	4	12
126	Immunotherapy as a Potential Treatment for Chordoma: a Review. <i>Current Oncology Reports</i> , <b>2016</b> , 18, 55	6.3	12
125	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> , <b>2018</b> , 476, 520-528	2.2	11
124	Fungal spinal epidural abscess: a case series of nine patients. <i>Spine Journal</i> , <b>2019</b> , 19, 516-522	4	11
123	Is There an Association of Epidural Corticosteroid Injection With Postoperative Surgical Site Infection After Surgery for Lumbar Degenerative Spine Disease?. <i>Spine</i> , <b>2016</b> , 41, 1542-1547	3.3	11
122	Prognostic Factors in Dedifferentiated Chondrosarcoma: A Retrospective Analysis of a Large Series Treated at a Single Institution. <i>Sarcoma</i> , <b>2019</b> , 2019, 9069272	3.1	11
121	Prospective validation of a clinical prediction score for survival in patients with spinal metastases: the New England Spinal Metastasis Score. <i>Spine Journal</i> , <b>2021</b> , 21, 28-36	4	11



120	Factors associated with infection after reconstructive shoulder surgery for proximal humerus tumors. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2017</b> , 26, 931-938	4.3	10
119	Surgical Strategies for Chordoma. <i>Neurosurgery Clinics of North America</i> , <b>2020</b> , 31, 251-261	4	10
118	Complications after surgery for metastatic humeral lesions. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2016</b> , 25, 207-15	4.3	10
117	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> , <b>2020</b> , 478, 306-318 <sup>2,2</sup>	2.2	10
116	Spinal Epidural Abscess: Diagnosis, Management, and Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , <b>2020</b> , 28, e929-e938	4.5	10
115	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , <b>2020</b> , 20, 5-13	4	10
114	Discharge Disposition After Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , <b>2019</b> , 132, e14-e20	2.1	9
113	Are Allogeneic Blood Transfusions Associated With Decreased Survival After Surgery for Long-bone Metastatic Fractures?. <i>Clinical Orthopaedics and Related Research</i> , <b>2015</b> , 473, 2343-51	2.2	9
112	Development and validation of machine learning algorithms for postoperative opioid prescriptions after TKA. <i>Journal of Orthopaedics</i> , <b>2020</b> , 22, 95-99	1.6	9
111	Immune Surveillance Plays a Role in Locally Aggressive Giant Cell Lesions of Bone. <i>Clinical Orthopaedics and Related Research</i> , <b>2017</b> , 475, 3071-3081	2.2	9
110	Prognostic models for spinal metastatic disease: evolution of methodologies, limitations, and future opportunities. <i>Annals of Translational Medicine</i> , <b>2019</b> , 7, 219	3.2	9
109	CORR Synthesis: When Should We Be Skeptical of Clinical Prediction Models?. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 2722-2728	2.2	9
108	Clinical outcomes for patients after surgery and radiation therapy for mesenchymal chondrosarcomas. <i>Journal of Surgical Oncology</i> , <b>2016</b> , 114, 982-986	2.8	9
107	Independent predictors of spinal epidural abscess recurrence. <i>Spine Journal</i> , <b>2018</b> , 18, 1837-1844	4	8
106	Predicting pathological fracture in femoral metastases using a clinical CT scan based algorithm: A case-control study. <i>Journal of Orthopaedic Science</i> , <b>2018</b> , 23, 394-402	1.6	8
105	Novel tumor antigen-specific monoclonal antibody-based immunotherapy to eradicate both differentiated cancer cells and cancer-initiating cells in solid tumors. <i>Seminars in Oncology</i> , <b>2014</b> , 41, 685-99	5.5	8
104	Does Artificial Intelligence Outperform Natural Intelligence in Interpreting Musculoskeletal Radiological Studies? A Systematic Review. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 2751-2764 <sup>2,2</sup>	2.2	8
103	Design of the prospective observational study of spinal metastasis treatment (POST). <i>Spine Journal</i> , <b>2020</b> , 20, 572-579	4	8



102	Neutrophil to lymphocyte ratio and mortality in spinal epidural abscess. <i>Spine Journal</i> , <b>2019</b> , 19, 1180-1185	1.8	8
101	The Prevalence of Incidental and Symptomatic Lumbar Synovial Facet Cysts. <i>Clinical Spine Surgery</i> , <b>2018</b> , 31, E296-E301	1.8	8
100	Spinal metastases 2021: a review of the current state of the art and future directions. <i>Spine Journal</i> , <b>2021</b> , 21, 1414-1429	4	8
99	Survival After Surgery for Renal Cell Carcinoma Metastatic to the Spine: Impact of Modern Systemic Therapies on Outcomes. <i>Neurosurgery</i> , <b>2020</b> , 87, 1174-1180	3.2	7
98	The influence of adjacent level disc disease on discectomy outcomes. <i>European Spine Journal</i> , <b>2016</b> , 25, 230-234	2.7	7
97	Patient experiences of decision-making in the treatment of spinal metastases: a qualitative study. <i>Spine Journal</i> , <b>2020</b> , 20, 905-914	4	7
96	How Does the Skeletal Oncology Research Group Algorithms Prediction of 5-year Survival in Patients with Chondrosarcoma Perform on International Validation?. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 2300-2308	2.2	7
95	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. <i>Cancer Letters</i> , <b>2021</b> , 505, 37-48	9.9	7
94	Development of prediction models for clinically meaningful improvement in PROMIS scores after lumbar decompression. <i>Spine Journal</i> , <b>2021</b> , 21, 397-404	4	7
93	Predictors of venous thromboembolism in patients with primary sarcoma of bone. <i>Surgical Oncology</i> , <b>2017</b> , 26, 506-510	2.5	6
92	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , <b>2019</b> , 19, S74-S75	4	6
91	23. Natural language processing for automated identification of intraoperative vascular injury in anterior lumbar spine surgery. <i>Spine Journal</i> , <b>2020</b> , 20, S11-S12	4	6
90	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> , <b>2021</b> , 21, 1679-1686	4	6
89	B7-H3 targeted antibody-based immunotherapy of malignant diseases. <i>Expert Opinion on Biological Therapy</i> , <b>2021</b> , 21, 587-602	5.4	6
88	Albumin and Spinal Epidural Abscess: Derivation and Validation in Two Independent Data Sets. <i>World Neurosurgery</i> , <b>2019</b> , 123, e416-e426	2.1	5
87	Sagittal spinal parameters after en bloc resection of mobile spine tumors. <i>Spine Journal</i> , <b>2019</b> , 19, 1606-1612	4.6	5
86	Physical function and pain intensity in patients with metastatic bone disease. <i>Journal of Surgical Oncology</i> , <b>2019</b> , 120, 376-381	2.8	5
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