

Joseph H Schwab

List of Publications by Year in Descending Order

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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	ASO Visual Abstract: Assessing the Safety and Utility of Wound VAC Temporization of the Sarcoma or Benign Aggressive Tumor Bed Until Final Margins are Achieved.. <i>Annals of Surgical Oncology</i> , 2022 , 29, 2302	3.1	0
226	Artificial Intelligence in Adult Spinal Deformity. <i>Acta Neurochirurgica Supplementum</i> , 2022 , 134, 313-318	1.7	0
225	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 ,	4	2
224	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology.. <i>North American Spine Society Journal (NASSJ)</i> , 2022 , 10, 100105	0.3	0
223	Estimating survival and choosing treatment for spinal metastases: Do spine surgeons agree with each other?. <i>Journal of Orthopaedics</i> , 2021 , 28, 134-139	1.6	1
222	Assessing the Safety and Utility of Wound VAC Temporization of the Sarcoma or Benign Aggressive Tumor Bed Until Final Margins Are Achieved. <i>Annals of Surgical Oncology</i> , 2021 , 1	3.1	3
221	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, 21514593211062277	3.2	2
220	The preoperative machine learning algorithm for extremity metastatic disease can predict 90-day and 1-year survival: An external validation study. <i>Journal of Surgical Oncology</i> , 2021 ,	2.8	1
219	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> , 2021 , 21, 1649-1651	4	5
218	Augmented and virtual reality in spine surgery, current applications and future potentials. <i>Spine Journal</i> , 2021 , 21, 1617-1625	4	12
217	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	4	6
216	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> , 2021 ,	4	1
215	Machine learning prediction models in orthopedic surgery: A systematic review in transparent reporting. <i>Journal of Orthopaedic Research</i> , 2021 ,	3.8	5
214	Introduction to The Spine Journal special issue on artificial intelligence and machine learning. <i>Spine Journal</i> , 2021 , 21, 1601-1603	4	1
213	Deep learning in spine surgery. <i>Seminars in Spine Surgery</i> , 2021 , 33, 100876	0.2	1
212	High TIL, HLA, and Immune Checkpoint Expression in Conventional High-Grade and Dedifferentiated Chondrosarcoma and Poor Clinical Course of the Disease. <i>Frontiers in Oncology</i> , 2021 , 11, 598001	5.3	0
211	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	4.3	2

210	Applying decision curve analysis to spine surgery. <i>Seminars in Spine Surgery</i> , 2021 , 33, 100873	0.2	0
209	The NIMS framework: an approach to the evaluation and management of epidural abscesses. <i>Spine Journal</i> , 2021 , 21, 1965-1972	4	1
208	Surface osteosarcoma: Predictors of outcomes. <i>Journal of Surgical Oncology</i> , 2021 , 124, 646-654	2.8	1
207	VAC temporization pending final margins after suprafascial myxofibrosarcoma excision to reduce the rate of local recurrence.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 11573-11573	2.2	
206	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. <i>Cancer Letters</i> , 2021 , 505, 37-48	9.9	7
205	Outcomes of VAC temporization following the excision of microinvasive sarcomas pending negative formal pathologic margins.. <i>Journal of Clinical Oncology</i> , 2021 , 39, e23559-e23559	2.2	
204	Systematic review of charged-particle therapy for chordomas and sarcomas of the mobile spine and sacrum. <i>Neurosurgical Focus</i> , 2021 , 50, E17	4.2	0
203	Temporizing Wound VAC Dressing Until Final Negative Margins are Achieved Reduces Myxofibrosarcoma Local Recurrence. <i>Annals of Surgical Oncology</i> , 2021 , 28, 9171-9176	3.1	3
202	Quality of Life Changes After Surgery for Metastatic Spinal Disease: A Systematic Review and Meta-analysis. <i>Clinical Spine Surgery</i> , 2021 ,	1.8	1
201	ASO Visual Abstract: Temporizing Wound VAC Dressing Until Final Negative Margins are Achieved Reduces Myxofibrosarcoma Local Recurrence. <i>Annals of Surgical Oncology</i> , 2021 , 28, 475	3.1	
200	Defective HLA Class I Expression and Patterns of Lymphocyte Infiltration in Chordoma Tumors. <i>Clinical Orthopaedics and Related Research</i> , 2021 , 479, 1373-1382	2.2	3
199	Nasal screening for methicillin-resistant <i>Staphylococcus aureus</i> does not reduce surgical site infection after primary lumbar fusion. <i>Spine Journal</i> , 2021 ,	4	1
198	Development of machine learning algorithms to predict achievement of minimal clinically important difference for the KOOS-PS following total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2021 ,	3.8	1
197	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	4	15
196	Prospective validation of a clinical prediction score for survival in patients with spinal metastases: the New England Spinal Metastasis Score. <i>Spine Journal</i> , 2021 , 21, 28-36	4	11
195	Laminoplasty-an underutilized procedure for cervical spondylotic myelopathy. <i>Spine Journal</i> , 2021 , 21, 571-577	4	4
194	Postoperative adverse events secondary to iatrogenic vascular injury during anterior lumbar spinal surgery. <i>Spine Journal</i> , 2021 , 21, 795-802	4	2
193	B7-H3: An Attractive Target for Antibody-based Immunotherapy. <i>Clinical Cancer Research</i> , 2021 , 27, 1227-1235	4.4	4

192	B7-H3 targeted antibody-based immunotherapy of malignant diseases. <i>Expert Opinion on Biological Therapy</i> , 2021 , 21, 587-602	5.4	6
191	Surgeon-level variance in achieving clinical improvement after lumbar decompression: the importance of adequate risk adjustment. <i>Spine Journal</i> , 2021 , 21, 405-410	4	1
190	Development of prediction models for clinically meaningful improvement in PROMIS scores after lumbar decompression. <i>Spine Journal</i> , 2021 , 21, 397-404	4	7
189	Pleiotropic Mechanisms Drive Endocrine Resistance in the Three-Dimensional Bone Microenvironment. <i>Cancer Research</i> , 2021 , 81, 371-383	10.1	3
188	Surgical Management of Chordoma in the Thoracic Spine 2021 , 159-177		
187	Vascular Reconstruction After En Bloc Resection 2021 , 233-246		
186	Historical Overview, Demographics, and Clinical Presentation of Spinal Chordoma 2021 , 33-54		0
185	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	4	5
184	Complications and Survivorship of Distal Humeral Allograft Reconstruction After Tumor Resection: Literature Review and Case Series. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021 , 5, e20.00256-8	1.2	1
183	Natural language processing for prediction of readmission in posterior lumbar fusion patients: which free-text notes have the most utility?. <i>Spine Journal</i> , 2021 ,	4	2
182	Characteristics of postoperative opioid prescription use following lumbar discectomy. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-5	2.8	1
181	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> , 2021 ,	2.2	2
180	Albumin and Survival in Extremity Metastatic Bone Disease: An Analysis of Two Independent Datasets. <i>Nutrition and Cancer</i> , 2021 , 1-8	2.8	
179	Value-based health care in spine: where do we go from here?. <i>Spine Journal</i> , 2021 , 21, 1409-1413	4	0
178	Spinal metastases 2021: a review of the current state of the art and future directions. <i>Spine Journal</i> , 2021 , 21, 1414-1429	4	8
177	The effectiveness of systemic therapies after surgery for metastatic renal cell carcinoma to the spine: a propensity analysis controlling for sarcopenia, frailty, and nutrition. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-10	2.8	3
176	Does the SORG algorithm generalize to a contemporary cohort of patients with spinal metastases on external validation?. <i>Spine Journal</i> , 2020 , 20, 1646-1652	4	15
175	Survival After Surgery for Renal Cell Carcinoma Metastatic to the Spine: Impact of Modern Systemic Therapies on Outcomes. <i>Neurosurgery</i> , 2020 , 87, 1174-1180	3.2	7

174	Can natural language processing provide accurate, automated reporting of wound infection requiring reoperation after lumbar discectomy?. <i>Spine Journal</i> , 2020 , 20, 1602-1609	4	12
173	Predictive analytics. <i>Spine Journal</i> , 2020 , 20, 1152-1153	4	1
172	Surgical Strategies for Chordoma. <i>Neurosurgery Clinics of North America</i> , 2020 , 31, 251-261	4	10
171	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	4.4	26
170	Development and validation of machine learning algorithms for postoperative opioid prescriptions after TKA. <i>Journal of Orthopaedics</i> , 2020 , 22, 95-99	1.6	9
169	Modern Technical Concepts in Surgical Metastatic Disease 2020 , 235-241		
168	Surgical Treatment for Metastatic Lesions in Pelvis 2020 , 61-67		
167	Incidental durotomy: predictive risk model and external validation of natural language process identification algorithm. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-7	2.8	3
166	Conditional survival of patients with nonmetastatic bone osteosarcoma.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e23511-e23511	2.2	
165	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	2.2	8
164	CORR Synthesis: When Should We Be Skeptical of Clinical Prediction Models?. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 2722-2728	2.2	9
163	Design of the prospective observational study of spinal metastasis treatment (POST). <i>Spine Journal</i> , 2020 , 20, 572-579	4	8
162	Non-operative management of spinal metastases: A prognostic model for failure. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 188, 105574	2	2
161	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	2.2	10
160	Predicting prolonged opioid prescriptions in opioid-naïve lumbar spine surgery patients. <i>Spine Journal</i> , 2020 , 20, 888-895	4	22
159	Natural language processing for automated detection of incidental durotomy. <i>Spine Journal</i> , 2020 , 20, 695-700	4	22
158	Patient experiences of decision-making in the treatment of spinal metastases: a qualitative study. <i>Spine Journal</i> , 2020 , 20, 905-914	4	7
157	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	3.2	25

156	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> , 2020 , 478, 2300-2308	2.2	7
155	Serum alkaline phosphatase is a prognostic marker in bone metastatic disease of the extremity. <i>Journal of Orthopaedics</i> , 2020 , 22, 346-351	1.6	0
154	Comparison of the Stopping Opioids after Surgery (SOS) score to preoperative morphine milligram equivalents (MME) for prediction of opioid prescribing after lumbar spine surgery. <i>Spine Journal</i> , 2020 , 20, 1798-1804	4	1
153	Laminoplasty versus laminectomy and fusion for cervical spondylotic myelopathy: a cost analysis. <i>Spine Journal</i> , 2020 , 20, 1770-1775	4	3
152	Dedifferentiated Chordoma: Clinicopathologic and Molecular Characteristics With Integrative Analysis. <i>American Journal of Surgical Pathology</i> , 2020 , 44, 1213-1223	6.7	16
151	Natural language processing for automated quantification of bone metastases reported in free-text bone scintigraphy reports. <i>Acta Oncologica</i> , 2020 , 59, 1455-1460	3.2	4
150	Overview of the management of primary tumors of the spine. <i>International Journal of Neuroscience</i> , 2020 , 1-15	2	0
149	Spinal Epidural Abscess: Diagnosis, Management, and Outcomes. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2020 , 28, e929-e938	4.5	10
148	23. Natural language processing for automated identification of intraoperative vascular injury in anterior lumbar spine surgery. <i>Spine Journal</i> , 2020 , 20, S11-S12	4	6
147	Free Vascularized Fibula Graft with Femoral Allograft Sleeve for Lumbar Spine Defects After Spondylectomy of Malignant Tumors: A Case Report. <i>JBJS Case Connector</i> , 2020 , 10, e2000075	0.4	2
146	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , 2020 , 20, 5-13	4	10
145	Henry J. Mankin: A Trailblazer in Skeletal Pathology Research. <i>Spine</i> , 2020 , 45, 405-406	3.3	
144	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	4	33
143	The use of autologous free vascularized fibula grafts in reconstruction of the mobile spine following tumor resection: surgical technique and outcomes. <i>Journal of Neurosurgery: Spine</i> , 2020 , 1-10	2.8	4
142	Discharge Disposition After Anterior Cervical Discectomy and Fusion. <i>World Neurosurgery</i> , 2019 , 132, e14-e20	2.1	9
141	Laboratory markers as useful prognostic measures for survival in patients with spinal metastases. <i>Spine Journal</i> , 2019 , 19, S74-S75	4	6
140	Physical Function and Quality of Life After Resection of Mobile Spine Chondrosarcoma. <i>Global Spine Journal</i> , 2019 , 9, 743-753	2.7	2
139	Albumin and Spinal Epidural Abscess: Derivation and Validation in Two Independent Data Sets. <i>World Neurosurgery</i> , 2019 , 123, e416-e426	2.1	5

138	Machine learning for prediction of sustained opioid prescription after anterior cervical discectomy and fusion. <i>Spine Journal</i> , 2019 , 19, 976-983	4	57
137	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	4.4	44
136	Development of machine learning algorithms for prediction of mortality in spinal epidural abscess. <i>Spine Journal</i> , 2019 , 19, 1950-1959	4	25
135	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	4	44
134	Sagittal spinal parameters after en bloc resection of mobile spine tumors. <i>Spine Journal</i> , 2019 , 19, 1606-1612	4	5
133	Physical function and pain intensity in patients with metastatic bone disease. <i>Journal of Surgical Oncology</i> , 2019 , 120, 376-381	2.8	5
132	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	4	13
131	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	5.3	33
130	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	4	25
129	Ambulatory status after surgical and nonsurgical treatment for spinal metastasis. <i>Cancer</i> , 2019 , 125, 2631-2637	6.4	16
128	Prognosticating outcomes and survival for patients with lumbar spinal metastases: Results of a bayesian regression analysis. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 181, 98-103	2	
127	A Classification System for Spinal Cord Compression and its Association With Neurological Deficit in Spinal Epidural Abscess. <i>Clinical Spine Surgery</i> , 2019 , 32, E126-E132	1.8	3
126	Predicting 90-Day and 1-Year Mortality in Spinal Metastatic Disease: Development and Internal Validation. <i>Neurosurgery</i> , 2019 , 85, E671-E681	3.2	70
125	Development of a machine learning algorithm predicting discharge placement after surgery for spondylolisthesis. <i>European Spine Journal</i> , 2019 , 28, 1775-1782	2.7	18
124	Predicting discharge placement after elective surgery for lumbar spinal stenosis using machine learning methods. <i>European Spine Journal</i> , 2019 , 28, 1433-1440	2.7	20
123	Low dose radiotherapy is associated with local complications but not disease control in sacral chordoma. <i>Journal of Surgical Oncology</i> , 2019 , 119, 856-863	2.8	24
122	Prognostic value of serum alkaline phosphatase in spinal metastatic disease. <i>British Journal of Cancer</i> , 2019 , 120, 640-646	8.7	12
121	Complications and reoperations after surgery for 647 patients with spine metastatic disease. <i>Spine Journal</i> , 2019 , 19, 144-156	4	32

120	Fungal spinal epidural abscess: a case series of nine patients. <i>Spine Journal</i> , 2019 , 19, 516-522	4	11
119	Reply to the letter: predicting sustained opioid prescription after spine surgery. <i>Spine Journal</i> , 2019 , 19, 1749	4	
118	Prognostic models for spinal metastatic disease: evolution of methodologies, limitations, and future opportunities. <i>Annals of Translational Medicine</i> , 2019 , 7, 219	3.2	9
117	Predicting nonroutine discharge after elective spine surgery: external validation of machine learning algorithms. <i>Journal of Neurosurgery: Spine</i> , 2019 , 1-6	2.8	25
116	Antero/Anterolateral Thoracic Access and Stabilization from a Posterior Approach, Costotransversectomy, and Lateral Extracavitary Approach, En Bloc Resection 2019 , 155-168		
115	Association between patient age and the risk of mortality following local recurrence of a sacral chordoma. <i>Journal of Surgical Oncology</i> , 2019 , 121, 267	2.8	1
114	Neutrophil to lymphocyte ratio and mortality in spinal epidural abscess. <i>Spine Journal</i> , 2019 , 19, 1180-1185	3.5	8
113	Prognostic Factors in Dedifferentiated Chondrosarcoma: A Retrospective Analysis of a Large Series Treated at a Single Institution. <i>Sarcoma</i> , 2019 , 2019, 9069272	3.1	11
112	Does the SORG Algorithm Predict 5-year Survival in Patients with Chondrosarcoma? An External Validation. <i>Clinical Orthopaedics and Related Research</i> , 2019 , 477, 2296-2303	2.2	18
111	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	2.2	15
110	Sacral chordoma: a clinical review of 101 cases with 30-year experience in a single institution. <i>Spine Journal</i> , 2019 , 19, 869-879	4	26
109	Outcome after reconstruction of proximal femoral tumors: A systematic review. <i>Journal of Surgical Oncology</i> , 2019 , 119, 120-129	2.8	20
108	Development of Machine Learning Algorithms for Prediction of 30-Day Mortality After Surgery for Spinal Metastasis. <i>Neurosurgery</i> , 2019 , 85, E83-E91	3.2	59
107	Allograft reconstruction of the humerus: Complications and revision surgery. <i>Journal of Surgical Oncology</i> , 2019 , 119, 329-335	2.8	14
106	Clinicopathologic characteristics of poorly differentiated chordoma. <i>Modern Pathology</i> , 2018 , 31, 1237-1245	3.5	60
105	Defective HLA class I antigen processing machinery in cancer. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 999-1009	7.4	42
104	Primary thoracic giant cell tumor of bone sensitive to steroids. <i>Skeletal Radiology</i> , 2018 , 47, 1431-1435	2.7	2
103	Variation in costs among surgeons for lumbar spinal stenosis. <i>Spine Journal</i> , 2018 , 18, 1584-1591	4	4

102	Nonoperative Management of Spinal Epidural Abscess: Development of a Predictive Algorithm for Failure. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 546-555	5.6	20
101	Independent predictors of spinal epidural abscess recurrence. <i>Spine Journal</i> , 2018 , 18, 1837-1844	4	8
100	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	1.6	8
99	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	2.2	11
98	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	8.7	32
97	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2018 , 30, 119-125	2.8	22
96	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	4.2	49
95	Synovial sarcoma of the shoulder: A series of 14 cases. <i>Journal of Surgical Oncology</i> , 2018 , 117, 788-796	2.8	5
94	Chordomas and Chondrosarcomas of the Axial Skeleton 2018 , 411-418		
93	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	2.2	13
92	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	2.2	49
91	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	5.6	14
90	Development of Machine Learning Algorithms for Prediction of 5-Year Spinal Chordoma Survival. <i>World Neurosurgery</i> , 2018 , 119, e842-e847	2.1	20
89	Serum alkaline phosphatase and 30-day mortality after surgery for spinal metastatic disease. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 165-171	4.8	4
88	Reply to the Letter to the Editor: Immune Surveillance Plays a Role in Locally Aggressive Giant Cell Lesions of Bone. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 1366	2.2	
87	The Prevalence of Incidental and Symptomatic Lumbar Synovial Facet Cysts. <i>Clinical Spine Surgery</i> , 2018 , 31, E296-E301	1.8	8
86	CORR Insights : Early Improvement in Pain and Functional Outcome but Not Quality of Life After Surgery for Metastatic Long Bone Disease. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 546-547 ²	2.2	2
85	Validation of the Spine Oncology Study Group-Outcomes Questionnaire to assess quality of life in patients with metastatic spine disease. <i>Spine Journal</i> , 2017 , 17, 768-776	4	30

84	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	2.2	36
83	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	4	27
82	Tumors of the Sacrum: Diagnosis, Management, and Surgical Techniques 2017 , 255-274		
81	Factors associated with infection after reconstructive shoulder surgery for proximal humerus tumors. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 931-938	4.3	10
80	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	2.8	39
79	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	4	14
78	Global sagittal alignment. <i>Skeletal Radiology</i> , 2017 , 46, 1613-1614	2.7	3
77	Predictors of venous thromboembolism in patients with primary sarcoma of bone. <i>Surgical Oncology</i> , 2017 , 26, 506-510	2.5	6
76	Primary arthroplasty in healed osteoarticular allograft in patients with history of primary femoral bone tumors. <i>Surgical Oncology</i> , 2017 , 26, 498-505	2.5	4
75	Comparison of Decompression With and Without Fusion for Patients With Synovial Facet Cysts. <i>Clinical Spine Surgery</i> , 2017 , 30, E1399-E1404	1.8	5
74	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> , 2017 , 99, 1476-1484	5.6	30
73	Immune Surveillance Plays a Role in Locally Aggressive Giant Cell Lesions of Bone. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 3071-3081	2.2	9
72	Chordoma arising from benign multifocal notochordal tumors. <i>Skeletal Radiology</i> , 2017 , 46, 1745-1752	2.7	14
71	Prognostic Factors for Failure of Antibiotic Treatment in Patients With Osteomyelitis of the Spine. <i>Spine</i> , 2017 , 42, 1339-1346	3.3	14
70	Vascularized Fibular Strut Autografts in Spinal Reconstruction after Resection of Vertebral Chordoma or Chondrosarcoma: A Retrospective Series. <i>Neurosurgery</i> , 2017 , 81, 156-164	3.2	19
69	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	2.7	17
68	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	4	59
67	CORR Insights: What are the Conditional Survival and Functional Outcomes After Surgical Treatment of 115 Patients with Sacral Chordoma?. <i>Clinical Orthopaedics and Related Research</i> , 2017 , 475, 631-633	2.2	2

66	An unusual cause of cervical kyphosis. <i>Spine Journal</i> , 2017 , 17, e7-e9	4	1
65	Genetic Analysis of Giant Cell Lesions of the Maxillofacial and Axial/Appendicular Skeletons. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 298-308	1.8	5
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