

Laurence D Rhines

List of Publications by Year in descending order

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47
papers

4,155
citations

218677

26
h-index

243625

44
g-index

47
all docs

47
docs citations

47
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Classification System for Spinal Instability in Neoplastic Disease. <i>Spine</i> , 2010, 35, E1221-E1229.	2.0	891
2	Phase I/II study of stereotactic body radiotherapy for spinal metastasis and its pattern of failure. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 151-160.	1.7	467
3	Vertebral Compression Fracture After Spine Stereotactic Body Radiotherapy: A Multi-Institutional Analysis With a Focus on Radiation Dose and the Spinal Instability Neoplastic Score. <i>Journal of Clinical Oncology</i> , 2013, 31, 3426-3431.	1.6	319
4	Electrophysiological and transcriptomic correlates of neuropathic pain in human dorsal root ganglion neurons. <i>Brain</i> , 2019, 142, 1215-1226.	7.6	198
5	The Cancer Chemotherapeutic Paclitaxel Increases Human and Rodent Sensory Neuron Responses to TRPV1 by Activation of TLR4. <i>Journal of Neuroscience</i> , 2015, 35, 13487-13500.	3.6	190
6	Management of Spinal Metastases From Renal Cell Carcinoma Using Stereotactic Body Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1185-1192.	0.8	183
7	Phase I/2 trial of single-session stereotactic body radiotherapy for previously unirradiated spinal metastases. <i>Cancer</i> , 2012, 118, 5069-5077.	4.1	183
8	DRG Voltage-Gated Sodium Channel 1.7 Is Upregulated in Paclitaxel-Induced Neuropathy in Rats and in Humans with Neuropathic Pain. <i>Journal of Neuroscience</i> , 2018, 38, 1124-1136.	3.6	173
9	Phase I clinical evaluation of near-simultaneous computed tomographic image-guided stereotactic body radiotherapy for spinal metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1288-1294.	0.8	170
10	Near simultaneous computed tomography image-guided stereotactic spinal radiotherapy: An emerging paradigm for achieving true stereotaxy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 57, 605-613.	0.8	160
11	Prospective evaluation of spinal reirradiation by using stereotactic body radiation therapy. <i>Cancer</i> , 2011, 117, 3509-3516.	4.1	152
12	Dorsal root ganglion neurons become hyperexcitable and increase expression of voltage-gated T-type calcium channels (Cav3.2) in paclitaxel-induced peripheral neuropathy. <i>Pain</i> , 2017, 158, 417-429.	4.2	137
13	Outcomes for Spine Stereotactic Body Radiation Therapy and an Analysis of Predictors of Local Recurrence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1016-1026.	0.8	101
14	Utilization of laser interstitial thermotherapy guided by real-time thermal MRI as an alternative to separation surgery in the management of spinal metastasis. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 400-411.	1.7	79
15	Single-fraction versus multifraction spinal stereotactic radiosurgery for spinal metastases from renal cell carcinoma: secondary analysis of Phase I/II trials. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 829-836.	1.7	79
16	Metastatic Spinal Cord Compression and Steroid Treatment. <i>Clinical Spine Surgery</i> , 2017, 30, 156-163.	1.3	68
17	Management of Locally Recurrent Chordoma of the Mobile Spine and Sacrum. <i>Spine</i> , 2016, 41, S193-S198.	2.0	59
18	En Bloc Resection Versus Intralesional Surgery in the Treatment of Giant Cell Tumor of the Spine. <i>Spine</i> , 2017, 42, 1383-1390.	2.0	57

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19	Spinal Laser Interstitial Thermal Therapy. <i>Neurosurgery</i> , 2016, 79, S73-S82.	1.1	55
20	Stereotactic Body Radiation Therapy for Spinal Metastases in the Postoperative Setting: A Secondary Analysis of Mature Phase 1-2 Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1405-1413.	0.8	50
21	The use of spine stereotactic radiosurgery for oligometastatic disease. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 239-247.	1.7	43
22	Osseous Pseudoprogession in Vertebral Bodies Treated with Stereotactic Radiosurgery: A Secondary Analysis of Prospective Phase I/II Clinical Trials. <i>American Journal of Neuroradiology</i> , 2016, 37, 387-392.	2.4	38
23	Phase 1 Study of Spinal Cord Constraint Relaxation With Single Session Spine Stereotactic Radiosurgery in the Primary Management of Patients With Inoperable, Previously Unirradiated Metastatic Epidural Spinal Cord Compression. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1481-1488.	0.8	34
24	Soft Tissue and Bone Defect Management in Total Sacrectomy for Primary Sacral Tumors. <i>Spine</i> , 2016, 41, S199-S204.	2.0	32
25	Image guidance based on MRI for spinal interstitial laser thermotherapy: technical aspects and accuracy. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 605-612.	1.7	31
26	Psychometric evaluation and adaptation of the Spine Oncology Study Group Outcomes Questionnaire to evaluate health-related quality of life in patients with spinal metastases. <i>Cancer</i> , 2018, 124, 1828-1838.	4.1	31
27	Benign Tumors of the Spine. <i>Spine</i> , 2016, 41, S178-S185.	2.0	30
28	A multicenter cohort study of spinal osteoid osteomas: results of surgical treatment and analysis of local recurrence. <i>Spine Journal</i> , 2017, 17, 401-408.	1.3	21
29	Free Fibula Flap for Restoration of Spinal Stability after Oncologic Vertebrectomy Is Predictive of Bony Union. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 219-229.	1.4	16
30	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. <i>Spine Journal</i> , 2021, 21, 492-499.	1.3	16
31	Predictive Value of Preoperative Magnetic Resonance Imaging Findings for Survival and Local Recurrence in Patients Undergoing En Bloc Resection of Sacral Chordomas. <i>Neurosurgery</i> , 2019, 85, 834-842.	1.1	12
32	Chemotherapy-induced peripheral neuropathy in a dish: dorsal root ganglion cells treated in vitro with paclitaxel show biochemical and physiological responses parallel to that seen in vivo. <i>Pain</i> , 2021, 162, 84-96.	4.2	12
33	Patient satisfaction with treatment outcomes after surgery and/or radiotherapy for spinal metastases. <i>Cancer</i> , 2019, 125, 4269-4277.	4.1	9
34	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2023, 13, 1358-1364.	2.3	9
35	Steroids in the Management of Preoperative Neurological Deficits in Metastatic Spine Disease: Results From the EPOSO Study. <i>Neurospine</i> , 2022, 19, 43-50.	2.9	8
36	Restoration of Spinopelvic Continuity with the Free Fibula Flap after Limb-Sparing Oncologic Resection Is Associated with a High Union Rate and Superior Functional Outcomes. <i>Plastic and Reconstructive Surgery</i> , 2020, 146, 650-662.	1.4	7

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37	Outcomes of Surgery for Sacral Chordoma and Impact of Complications: A Report of 50 Consecutive Patients With Long-Term Follow-Up. <i>Global Spine Journal</i> , 2021, 11, 740-750.	2.3	7
38	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire. <i>Spine</i> , 2021, 46, 1165-1171.	2.0	7
39	Interbody distraction and vertebral body reconstruction with polymethylmethacrylate for the treatment of pathological fractures. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 700-708.	1.7	5
40	Immediate Reconstruction of Oncologic Spinal Wounds Is Cost-Effective Compared with Conventional Primary Wound Closure. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 1182-1195.	1.4	5
41	Introduction to Focus Issue II in Spine Oncology. <i>Spine</i> , 2016, 41, S159-S162.	2.0	4
42	Soft-Tissue Reconstruction after Composite Vertebrectomy and Chest Wall Resection for Spinal Tumors. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 1275-1286.	1.4	3
43	Phase 1 study of spinal cord constraint relaxation with single session spine stereotactic radiosurgery in the primary management of patients with inoperable, previously irradiated metastatic epidural spinal cord compression. <i>North American Spine Society Journal (NASS)</i> , 2021, 6, 100066.	0.5	2
44	Fadu head and neck squamous cell carcinoma induces hyperexcitability of primary sensory neurons in an in vitro coculture model. <i>Pain Reports</i> , 2022, 7, e1012.	2.7	2
45	The use of preoperative imaging in the treatment of sacral chordomas. <i>Journal of Spine Surgery</i> , 2019, 5, 390-391.	1.2	0
46	The Use of Skin Staples as Fiducial Markers to Confirm Intraoperative Spinal Navigation Registration and Accuracy. <i>Operative Neurosurgery</i> , 2021, 21, E193-E198.	0.8	0
47	Research Practices and Needs Among Spine Surgeons Worldwide. <i>Global Spine Journal</i> , 2021, , 219256822110581.	2.3	0