

Bronek M Boszczyk

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,859
citations

304743

22
h-index

302126

39
g-index

95
all docs

95
docs citations

95
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative and functional anatomy of the mammalian lumbar spine. <i>The Anatomical Record</i> , 2001, 264, 157-168.	1.8	123
2	Effect of timing of surgery on neurological outcome and survival in metastatic spinal cord compression. <i>European Spine Journal</i> , 2013, 22, 1383-1388.	2.2	107
3	Biomechanical Evaluation of Vertebroplasty and Kyphoplasty With Polymethyl Methacrylate or Calcium Phosphate Cement Under Cyclic Loading. <i>Spine</i> , 2006, 31, 2934-2941.	2.0	104
4	Clinical outcomes of sacroplasty in sacral insufficiency fractures: a review of the literature. <i>European Spine Journal</i> , 2009, 18, 1266-1271.	2.2	97
5	Surgical management of U-shaped sacral fractures: a systematic review of current treatment strategies. <i>European Spine Journal</i> , 2012, 21, 829-836.	2.2	88
6	Delayed diagnosis of cervical spondylotic myelopathy by primary care physicians. <i>Neurosurgical Focus</i> , 2013, 35, E1.	2.3	75
7	Fluoroscopic radiation exposure of the kyphoplasty patient. <i>European Spine Journal</i> , 2006, 15, 347-355.	2.2	63
8	Reoperation rates in the surgical treatment of spinal metastases. <i>Spine Journal</i> , 2015, 15, S37-S43.	1.3	61
9	The surgical management of metastatic spinal tumors based on an Epidural Spinal Cord Compression (ESCC) scale. <i>Spine Journal</i> , 2015, 15, 1738-1743.	1.3	48
10	Volume matters: a review of procedural details of two randomised controlled vertebroplasty trials of 2009. <i>European Spine Journal</i> , 2010, 19, 1837-1840.	2.2	46
11	Spondylitis following vertebroplasty: a case report. <i>European Spine Journal</i> , 2005, 14, 895-899.	2.2	45
12	Cement volume is the most important modifiable predictor for pain relief in BKP: results from SWISSspine, a nationwide registry. <i>European Spine Journal</i> , 2013, 22, 2241-2248.	2.2	45
13	Transcostovertebral kyphoplasty of the mid and high thoracic spine. <i>European Spine Journal</i> , 2005, 14, 992-999.	2.2	38
14	Management of metastatic sacral tumours. <i>European Spine Journal</i> , 2012, 21, 1984-1993.	2.2	38
15	Intracardiac bone cement embolism as a complication of vertebroplasty: management strategy. <i>European Spine Journal</i> , 2017, 26, 3199-3205.	2.2	33
16	Microsurgical interlaminary vertebro- and kyphoplasty for severe osteoporotic fractures. <i>Journal of Neurosurgery: Spine</i> , 2004, 100, 32-37.	1.7	30
17	An Immunohistochemical Study of the Dorsal Capsule of the Lumbar and Thoracic Facet Joints. <i>Spine</i> , 2001, 26, E338-E343.	2.0	26
18	Solid variant of aneurysmal bone cyst on the cervical spine of a child: case report, differential diagnosis and treatment rationale. <i>European Spine Journal</i> , 2013, 22, 523-531.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Optimizing the management of patients with spinal myeloma disease. British Journal of Haematology, 2015, 171, 332-343.	2.5	25
20	Anatomical considerations for percutaneous trans ilio-sacroiliac S1 and S2 screw placement. European Spine Journal, 2016, 25, 1800-1805.	2.2	25
21	Freehand determination of the trajectory angle for cervical lateral mass screws: how accurate is it?. European Spine Journal, 2011, 20, 972-976.	2.2	24
22	Experience of a fellowship in spinal surgery: a quantitative analysis. European Spine Journal, 2014, 23, 40-54.	2.2	24
23	Interdisciplinary approach to balloon kyphoplasty in the treatment of osteoporotic vertebral compression fractures. European Spine Journal, 2003, 12, S163-S167.	2.2	23
24	Immunohistochemical analysis of the extracellular matrix in the posterior capsule of the zygapophysial joints in patients with degenerative L4-S5 motion segment instability. Journal of Neurosurgery: Spine, 2003, 99, 27-33.	1.7	21
25	Spine surgery training and competence of European Neurosurgical Trainees. Acta Neurochirurgica, 2009, 151, 619-628.	1.7	21
26	Lamina-guided lateral mass screw placement in the sub-axial cervical spine. European Spine Journal, 2010, 19, 660-664.	2.2	21
27	Kyphoplasty for lytic tumour lesions of the spine: prospective follow-up of 11 cases from procedure to death. European Spine Journal, 2012, 21, 1873-1879.	2.2	21
28	The Evaluation of Digital Rectal Examination for Assessment of Anal Tone in Suspected Cauda Equina Syndrome. Spine, 2015, 40, 1213-1218.	2.0	21
29	Vertebro-/Kyphoplasty History, Development, Results. European Journal of Trauma and Emergency Surgery, 2005, 31, 433-441.	0.3	20
30	Asymmetric osteotomy of the spine for coronal imbalance: a technical report. European Spine Journal, 2012, 21, 225-229.	2.2	20
31	Anxiolytic Medication As an Adjunct to Morphine Analgesia for Acute Low Back Pain Management in the Emergency Department. Spine, 2014, 39, 17-22.	2.0	19
32	Athletic Population with Spondylolysis: Review of Outcomes following Surgical Repair or Conservative Management. Global Spine Journal, 2016, 6, 615-625.	2.3	19
33	Predictors of Outcome in Head Injury: Proposal of a New Scaling System. Journal of Trauma, 2002, 52, 667-674.	2.3	18
34	Limited access surgery for 360 degrees in-situ fusion in a dysraphic patient with high-grade spondylolisthesis. European Spine Journal, 2012, 21, 390-395.	2.2	18
35	Intracranial hypotension with a sixth cranial nerve palsy subsequent to massive thoracic CSF hygroma: a rare complication of thoracic disc excision. European Spine Journal, 2013, 22, 2047-2054.	2.2	18
36	Expression of a wide range of fibrocartilage molecules at the entheses of the alar ligaments - possible antigenic targets for rheumatoid arthritis?. Journal of Rheumatology, 2003, 30, 1420-5.	2.0	17

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37	When is the appropriate time for surgical intervention of the herniated lumbar disc in the adolescent?. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1153-1156.	1.5	16
38	The routine intra-operative use of pulse oximetry for monitoring can prevent severe thromboembolic complications in anterior surgery. <i>European Spine Journal</i> , 2011, 20, 2097-2102.	2.2	15
39	Cervical spine injury in the young child. <i>European Spine Journal</i> , 2012, 21, 2205-2211.	2.2	15
40	The management of high-grade spondylolisthesis and co-existent late-onset idiopathic scoliosis. <i>European Spine Journal</i> , 2016, 25, 3027-3031.	2.2	15
41	Development of a new assessment tool for cervical myelopathy using hand-tracking sensor: Part 1: validity and reliability. <i>European Spine Journal</i> , 2017, 26, 1291-1297.	2.2	15
42	Reduction in late postoperative pain after iliac crest bonegraft harvesting for cervical fusion: a controlled double-blinded study of 100 patients. <i>Acta Neurochirurgica</i> , 2004, 146, 961-5; discussion 965.	1.7	13
43	Transarticular fusion for treatment of cystic lesion arising from an odontoid fracture. <i>European Spine Journal</i> , 2013, 22, 21-25.	2.2	13
44	Major neurological deficit following anterior cervical decompression and fusion: what is the next step?. <i>European Spine Journal</i> , 2015, 24, 162-167.	2.2	12
45	Comparison of <i>in vitro</i> biocompatibility of silicone and polymethyl methacrylate during the curing phase of polymerization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2693-2699.	3.4	11
46	Spinal epidural abscess following blunt pelvic trauma. <i>European Spine Journal</i> , 2000, 9, 80-84.	2.2	10
47	An immunohistochemical study of the tissue bridging adult spondylolytic defects—the presence and significance of fibrocartilaginous entheses. <i>European Spine Journal</i> , 2006, 15, 965-971.	2.2	10
48	Degenerative Cervical Myelopathy: A 7-Letter Coding System That Supports Decision-Making for the Surgical Approach. <i>Neurospine</i> , 2020, 17, 164-171.	2.9	10
49	Prospective study of standalone balloon kyphoplasty with calcium phosphate cement augmentation in traumatic fractures (G. Maestretti et al.). <i>European Spine Journal</i> , 2007, 16, 611-611.	2.2	9
50	Percutaneous approach to the upper thoracic spine: optimal patient positioning. <i>European Spine Journal</i> , 2009, 18, 1986-1988.	2.2	9
51	A geometrical model of vertical translation and alar ligament tension in atlanto-axial rotation. <i>European Spine Journal</i> , 2012, 21, 1575-1579.	2.2	9
52	Effects of Adding Resorbable Phosphate Glass Fibres and PLA to Calcium Phosphate Bone Cements. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2014, 12, 203-209.	1.6	9
53	Finite element investigation of the effect of a bifid arch on loading of the vertebral isthmus. <i>Spine Journal</i> , 2014, 14, 675-682.	1.3	9
54	The computed tomography-based fractal analysis of trabecular bone structure may help in detecting decreased quality of bone before urgent spinal procedures. <i>Spine Journal</i> , 2017, 17, 1156-1162.	1.3	9

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55	Prenatal Rotation of the Lumbar Spine and Its Relevance for the Development of the Zygapophyseal Joints. <i>Spine</i> , 2002, 27, 1094-1101.	2.0	8
56	Intraoperative urodynamics in spinal cord surgery: a study of feasibility. <i>European Spine Journal</i> , 2004, 13, 39-43.	2.2	8
57	Safety of fluoroscopy guided percutaneous access to the thoracic spine. <i>European Spine Journal</i> , 2012, 21, 207-211.	2.2	8
58	New method for correction of lumbo-sacral kyphosis deformity in patient with high pelvic incidence. <i>European Spine Journal</i> , 2017, 26, 2204-2210.	2.2	8
59	L5/S1 disc replacement after two previous fusion surgeries for scoliosis. <i>European Spine Journal</i> , 2011, 20, 669-673.	2.2	7
60	Novel use of bone cement to aid atlanto-axial distraction in the treatment of basilar invagination: A case report and technical note. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 787-789.	1.4	7
61	Development of a new assessment tool for cervical myelopathy using hand-tracking sensor: Part 2: normative values. <i>European Spine Journal</i> , 2017, 26, 1298-1304.	2.2	7
62	The diagnosis and management of a vertebral artery loop causing cervical radiculopathy. <i>European Spine Journal</i> , 2021, 30, 1-6.	2.2	7
63	The ipsilateral lamina-pedicle angle: can it be used to guide pedicle screw placement in the sub-axial cervical spine?. <i>European Spine Journal</i> , 2010, 19, 458-463.	2.2	6
64	Realignment of Basilar Invagination by C1-C2 Joint Distraction: A Modified Approach to a Paradigm Shift. <i>Acta Neurochirurgica Supplementum</i> , 2019, 125, 273-277.	1.0	6
65	Chest wall reconstruction after en bloc Pancoast tumour resection with the use of MatrixRib and SILC fixation systems: technical note. <i>European Spine Journal</i> , 2015, 24, 2220-2224.	2.2	5
66	Minimally Invasive Vertebral Augmentation Techniques in Osteoporotic Fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2005, 31, 442-452.	0.3	4
67	Anaesthesia for vertebroplasty and kyphoplasty. <i>Current Anaesthesia and Critical Care</i> , 2009, 20, 38-41.	0.3	4
68	Posterior lumbar fixation in a kidney transplant recipient: logistics and perioperative challenges. <i>European Spine Journal</i> , 2015, 24, 2331-2335.	2.2	4
69	Bone marrow washout for multilevel vertebroplasty in multiple myeloma spinal involvement. Technical note.. <i>European Spine Journal</i> , 2019, 28, 1455-1460.	2.2	4
70	Percutaneous vertebroplasty does not reduce pain and disability from osteoporotic vertebral compression fracture. <i>Evidence-Based Medicine</i> , 2015, 20, 181-181.	0.6	3
71	The molecular composition of the extracellular matrix of the human iliolumbar ligament. <i>Spine Journal</i> , 2015, 15, 1325-1331.	1.3	3
72	The safe use of long screws in L5/S1 stand-alone anterior interbody fusion forolisthesis cases. <i>British Journal of Neurosurgery</i> , 2018, 32, 28-31.	0.8	3

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73	Spontaneous rotatory atlantoaxial dislocation without neurological compromise in a child with Down syndrome: a case report. <i>European Spine Journal</i> , 2008, 17, 308-311.	2.2	2
74	A novel â€œpelvic ring augmentation constructâ€ for lumbo-pelvic reconstruction in tumour surgery. <i>European Spine Journal</i> , 2012, 21, 1797-1803.	2.2	2
75	Management of cervical myelopathy due to ossification of posterior longitudinal ligament in a patient with Alstr�m syndrome. <i>European Spine Journal</i> , 2012, 21, 2418-2424.	2.2	2
76	Bridging the channel: the first British Isles supplement of the <i>European Spine Journal</i> . <i>European Spine Journal</i> , 2012, 21, 149-150.	2.2	2
77	Is Hydronephrosis a Complication after Anterior Lumbar Surgery?. <i>Global Spine Journal</i> , 2015, 5, 466-470.	2.3	2
78	Efficacy of SpineSage tool for assessing the expected complication rates in adult spine deformity surgeryâ€ preliminary results. <i>Spine Journal</i> , 2016, 16, S53.	1.3	2
79	Intravertebral neotrabecularization as an expression of focal load transfer by a keel-design lumbar total disc arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011, 131, 1481-1484.	2.4	1
80	Hollow modular anchorage (HMA) screws for anterior transvertebral fixation in high-grade spondylolisthesis cases requiring 360 degrees in-situ fusion. <i>British Journal of Neurosurgery</i> , 2018, 32, 474-478.	0.8	1
81	Trans-Sacroiliac S1 and S2 Screws: Is There a Safe Surgical Corridor for Percutaneous Placement of Trans-Sacroiliac S1 and S2 Screws?. <i>Spine Journal</i> , 2010, 10, S78-S79.	1.3	0
82	Fusion Rate of Stand Alone Anterior Lumbar Interbody Fusion with Recombinant Human Bone Morphogenetic Protein-2 for the Treatment of Degenerative Disc Disease With and Without Spondylolisthesis. <i>Spine Journal</i> , 2013, 13, S134-S135.	1.3	0
83	The Unknown Primary Tumour Presenting as Metastatic Spinal Cord Compression. <i>Spine Journal</i> , 2013, 13, S129.	1.3	0
84	Can spino-pelvic parameters predict hardware failure in Scheuermannâ€™s kyphosis patients?. <i>Spine Journal</i> , 2015, 15, S67.	1.3	0
85	Sagittal balance correction using anterior only motion preserving hybrid construct. <i>Spine Journal</i> , 2015, 15, S82-S83.	1.3	0
86	Expertâ€™s comment concerning Grand Rounds case entitled â€œCervical subtotal en-bloc spondylectomy of C6 mesenchymal chondrosarcomaâ€ (Chang-Hwa Lee and Woo-Kie Min); <i>Eur Spine J</i> (2015): DOI 10.1007/s00586-015-4297-z. <i>European Spine Journal</i> , 2016, 25, 2124-2128.	2.2	0
87	Cervical spinal cord injury assessment based on diffusion tensor imaging. <i>Spine Journal</i> , 2016, 16, S87.	1.3	0
88	How the Ends of Bones Evolve and What They Do: The Anatomical and Biomechanical Perspective. <i>Seminars in Musculoskeletal Radiology</i> , 2019, 23, 467-476.	0.7	0
89	Expertâ€™s comment concerning Grand Rounds case entitled â€œDouble crush syndrome caused by cervical spondylosis and vertebral artery loopâ€ by Young Joon Rho et al. (<i>Eur Spine J</i> ; 2017:) Tj ETQq1 1 0.784314 rgBT /Owzlock 100f 50 97		
90	Vertebroplasty and Kyphoplasty. , 2012, , 313-318.		0