## Wilco C Peul

List of Publications by Year in descending order

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		61857	34900
131	10,660	43	98
papers	citations	h-index	g-index
133	133	133	8915
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	What low back pain is and why we need to pay attention. Lancet, The, 2018, 391, 2356-2367.	6.3	2,444
2	Prevention and treatment of low back pain: evidence, challenges, and promising directions. Lancet, The, 2018, 391, 2368-2383.	6.3	1,363
3	Low back pain: a call for action. Lancet, The, 2018, 391, 2384-2388.	6.3	777
4	Surgery versus Prolonged Conservative Treatment for Sciatica. New England Journal of Medicine, 2007, 356, 2245-2256.	13.9	633
5	Surgery versus conservative management of sciatica due to a lumbar herniated disc: a systematic review. European Spine Journal, 2011, 20, 513-522.	1.0	272
6	Core outcome measurement instruments for clinical trials in nonspecific low back pain. Pain, 2018, 159, 481-495.	2.0	263
7	Core outcome domains for clinical trials in non-specific low back pain. European Spine Journal, 2015, 24, 1127-1142.	1.0	259
8	Prolonged conservative care versus early surgery in patients with sciatica caused by lumbar disc herniation: two year results of a randomised controlled trial. BMJ: British Medical Journal, 2008, 336, 1355-1358.	2.4	240
9	Tubular Diskectomy vs Conventional Microdiskectomy for Sciatica <subtitle>A Randomized Controlled Trial</subtitle> . JAMA - Journal of the American Medical Association, 2009, 302, 149.	3.8	209
10	Effectiveness of conservative treatments for the lumbosacral radicular syndrome: a systematic review. European Spine Journal, 2007, 16, 881-899.	1.0	180
11	Total disc replacement surgery for symptomatic degenerative lumbar disc disease: a systematic review of the literature. European Spine Journal, 2010, 19, 1262-1280.	1.0	177
12	Measuring the effect of Choosing Wisely: an integrated framework to assess campaign impact on low-value care. BMJ Quality and Safety, 2015, 24, 523-531.	1.8	126
13	A proposed set of metrics for standardized outcome reporting in the management of low back pain. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 523-533.	1.2	120
14	Pathophysiology and Nonsurgical Treatment of Chronic Subdural Hematoma: From Past to Present to Future. World Neurosurgery, 2018, 116, 402-411.e2.	0.7	120
15	Prolonged conservative care versus early surgery in patients with sciatica from lumbar disc herniation: cost utility analysis alongside a randomised controlled trial. BMJ: British Medical Journal, 2008, 336, 1351-1354.	2.4	119
16	Magnetic Resonance Imaging in Follow-up Assessment of Sciatica. New England Journal of Medicine, 2013, 368, 999-1007.	13.9	102
17	Tubular Diskectomy vs Conventional Microdiskectomy for the Treatment of Lumbar Disk Herniation: 2-Year Results of a Double-Blind Randomized Controlled Trial. Neurosurgery, 2011, 69, 135-144.	0.6	93
18	Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. Critical Care, 2017, 21, 233.	2.5	88

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19	Minimally invasive surgery for lumbar disc herniation: a systematic review and meta-analysis. European Spine Journal, 2014, 23, 1021-43.	1.0	86
20	Clinical outcomes after percutaneous transforaminal endoscopic discectomy for lumbar disc herniation: a prospective case series. Neurosurgical Focus, 2016, 40, E3.	1.0	85
21	Preoperative risk factors for postoperative complications in endoscopic pituitary surgery: a systematic review. Pituitary, 2018, 21, 84-97.	1.6	84
22	Interspinous process device versus standard conventional surgical decompression for lumbar spinal stenosis: randomized controlled trial. BMJ, The, 2013, 347, f6415-f6415.	3.0	80
23	Physical therapy plus general practitioners' care versus general practitioners' care alone for sciatica: a randomised clinical trial with a 12-month follow-up. European Spine Journal, 2008, 17, 509-517.	1.0	79
24	Surgery as a Viable Alternative First-Line Treatment for Prolactinoma Patients. A Systematic Review and Meta-Analysis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e32-e41.	1.8	78
25	Surgery versus prolonged conservative treatment for sciatica: 5-year results of a randomised controlled trial. BMJ Open, 2013, 3, e002534.	0.8	74
26	Development of machine learning algorithms for prediction of discharge disposition after elective inpatient surgery for lumbar degenerative disc disorders. Neurosurgical Focus, 2018, 45, E6.	1.0	72
27	Influence of gender and other prognostic factors on outcome of sciatica. Pain, 2008, 138, 180-191.	2.0	68
28	Effectiveness of posterior decompression techniques compared with conventional laminectomy for lumbar stenosis. European Spine Journal, 2015, 24, 2244-2263.	1.0	67
29	Evidence and practice in spine registries. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 86, 534-544.	1.2	65
30	Percutaneous Transforaminal Endoscopic Discectomy Versus Open Microdiscectomy for Lumbar Disc Herniation. Spine, 2021, 46, 538-549.	1.0	64
31	Effectiveness of interspinous implant surgery in patients with intermittent neurogenic claudication: a systematic review and meta-analysis. European Spine Journal, 2011, 20, 1596-1606.	1.0	61
32	Surgical techniques for sciatica due to herniated disc, a systematic review. European Spine Journal, 2012, 21, 2232-2251.	1.0	61
33	Percutaneous laser disc decompression versus conventional microdiscectomy in sciatica: a randomized controlled trial. Spine Journal, 2015, 15, 857-865.	0.6	61
34	The evidence on surgical interventions for low back disorders, an overview of systematic reviews. European Spine Journal, 2013, 22, 1936-1949.	1.0	60
35	Characteristics of Patients Who Survived < 3 Months or > 2 Years After Surgery for Spinal Metastases: Can We Avoid Inappropriate Patient Selection?. Journal of Clinical Oncology, 2016, 34, 3054-3061.	0.8	58
36	Clinical Research. Spine, 2009, 34, 423-430.	1.0	51

3

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37	Prevalence and "Red Flags―Regarding Specified Causes of Back Pain in Older Adults Presenting in General Practice. Physical Therapy, 2016, 96, 305-312.	1.1	50
38	Metastatic Spine Tumor Epidemiology: Comparison of Trends in Surgery Across Two Decades and Three Continents. World Neurosurgery, 2018, 114, e809-e817.	0.7	50
39	The NECK trial: Effectiveness of anterior cervical discectomy with or without interbody fusion and arthroplasty in the treatment of cervical disc herniation; a double-blinded randomized controlled trial. Spine Journal, 2019, 19, 965-975.	0.6	50
40	Prolonged conservative treatment or 'early' surgery in sciatica caused by a lumbar disc herniation: rationale and design of a randomized trial [ISRCT 26872154]. BMC Musculoskeletal Disorders, 2005, 6, 8.	0.8	47
41	Tubular discectomy versus conventional microdiscectomy for the treatment of lumbar disc herniation: long-term results of a randomised controlled trial. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 1008-1016.	0.9	47
42	TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. BMJ Open, 2020, 10, e041537.	0.8	47
43	Management of sciatica due to lumbar disc herniation in the Netherlands: a survey among spine surgeons. Journal of Neurosurgery: Spine, 2008, 9, 32-39.	0.9	46
44	A core outcome set for clinical trials on non-specific low back pain: study protocol for the development of a core domain set. Trials, 2014, 15, 511.	0.7	46
45	Tubular Diskectomy vs Conventional Microdiskectomy for the Treatment of Lumbar Disk-Related Sciatica: Cost Utility Analysis Alongside a Double-Blind Randomized Controlled Trial. Neurosurgery, 2011, 69, 829-836.	0.6	45
46	IPD without bony decompression versus conventional surgical decompression for lumbar spinal stenosis: 2-year results of a double-blind randomized controlled trial. European Spine Journal, 2015, 24, 2295-2305.	1.0	43
47	Variation in neurosurgical management of traumatic brain injury: a survey in 68 centers participating in the CENTER-TBI study. Acta Neurochirurgica, 2019, 161, 435-449.	0.9	43
48	Neurosurgical Treatment Variation of Traumatic Brain Injury: Evaluation of Acute Subdural Hematoma Management in Belgium and The Netherlands. Journal of Neurotrauma, 2017, 34, 881-889.	1.7	42
49	Minimally important change values of a measurement instrument depend more on baseline values than on the type of intervention. Journal of Clinical Epidemiology, 2015, 68, 518-524.	2.4	41
50	Management of Symptomatic Lumbar Disk Herniation. Spine, 2017, 42, 1826-1834.	1.0	41
51	Full endoscopic versus open discectomy for sciatica: randomised controlled non-inferiority trial. BMJ, The, 2022, 376, e065846.	3.0	40
52	Back pain's association with vertebral end-plate signal changes in sciatica. Spine Journal, 2014, 14, 225-233.	0.6	37
53	In-hospital costs after severe traumatic brain injury: A systematic review and quality assessment. PLoS ONE, 2019, 14, e0216743.	1.1	37
54	Corticosteroid treatment compared with surgery in chronic subdural hematoma: a systematic review and meta-analysis. Acta Neurochirurgica, 2019, 161, 1231-1242.	0.9	37

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55	Evidence for surgery in degenerative lumbar spine disorders. Best Practice and Research in Clinical Rheumatology, 2013, 27, 673-684.	1.4	35
56	Prediction Accuracy of Common Prognostic Scoring Systems for Metastatic Spine Disease. Spine, 2018, 43, 1678-1684.	1.0	35
57	Informed consent procedures for emergency interventional research in patients with traumatic brain injury and ischaemic stroke. Lancet Neurology, The, 2020, 19, 1033-1042.	4.9	35
58	Recovery of motor deficit accompanying sciatica—subgroup analysis ofÂaÂrandomized controlled trial. Spine Journal, 2014, 14, 1817-1824.	0.6	33
59	PTED study: design of a non-inferiority, randomised controlled trial to compare the effectiveness and cost-effectiveness of percutaneous transforaminal endoscopic discectomy (PTED) versus open microdiscectomy for patients with a symptomatic lumbar disc herniation. BMJ Open, 2017, 7, e018230.	0.8	32
60	Early rehabilitation after lumbar disc surgery is not effective or cost-effective compared to no referral: a randomised trial and economic evaluation. Journal of Physiotherapy, 2017, 63, 144-153.	0.7	31
61	Work disability and its determinants in patients with pituitary tumor-related disease. Pituitary, 2018, 21, 593-604.	1.6	31
62	Percutaneous laser disc decompression versus conventional microdiscectomy for patients with sciatica: Two-year results of a randomised controlled trial. Interventional Neuroradiology, 2017, 23, 313-324.	0.7	30
63	Coagulopathy after hemorrhagic traumatic brain injury, an observational study of the incidence and prognosis. Acta Neurochirurgica, 2020, 162, 329-336.	0.9	29
64	Timing of surgery for sciatica: subgroup analysis alongside a randomized trial. European Spine Journal, 2009, 18, 538-545.	1.0	28
65	Diagnostic accuracy of history taking to assess lumbosacral nerve root compression. Spine Journal, 2014, 14, 2028-2037.	0.6	28
66	Adjusting for confounding by indication in observational studies: a case study in traumatic brain injury. Clinical Epidemiology, 2018, Volume 10, 841-852.	1.5	28
67	A novel risk calculator to predict outcome after surgery for symptomatic spinal metastases; use of a large prospective patient database to personalise surgical management. European Journal of Cancer, 2019, 107, 28-36.	1.3	28
68	The long term outcome of micturition, defecation and sexual function after spinal surgery for cauda equina syndrome. PLoS ONE, 2017, 12, e0175987.	1.1	28
69	Health-related quality of life of cranial WHO grade I meningioma patients: are current questionnaires relevant?. Acta Neurochirurgica, 2017, 159, 2149-2159.	0.9	27
70	Defining trajectories in older adults with back pain presenting in general practice. Age and Ageing, 2016, 45, 878-883.	0.7	26
71	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. Lancet Neurology, The, 2022, 21, 620-631.	4.9	26
72	Reconstruction with expandable cages after single- and multilevel corpectomies for spinal metastases: a prospective case series of 60 patients. Spine Journal, 2014, 14, 2085-2093.	0.6	25

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73	Surgery for Degenerative Cervical Myelopathy: A Nationwide Registry-Based Observational Study With Patient-Reported Outcomes. Neurosurgery, 2021, 89, 704-711.	0.6	24
74	Improving prediction of "inevitable―surgery during non-surgical treatment of sciatica. Pain, 2008, 138, 571-576.	2.0	22
75	Interspinous process devices versus standard conventional surgical decompression for lumbar spinal stenosis: cost-utility analysis. Spine Journal, 2016, 16, 702-710.	0.6	20
76	Preoperative MRI in Patients With Intermittent Neurogenic Claudication: Relevance for Diagnosis and Prognosis. Spine, 2018, 43, 348-355.	1.0	19
77	Disc inflammation and Modic changes show an interaction effect on recovery after surgery for lumbar disc herniation. European Spine Journal, 2019, 28, 2579-2587.	1.0	19
78	Feasibility, safety, and outcomes of a stratified fast-track care trajectory in pituitary surgery. Endocrine, 2020, 69, 175-187.	1.1	18
79	Cost-effectiveness of full endoscopic versus open discectomy for sciatica. British Journal of Sports Medicine, 2022, 56, 1018-1025.	3.1	18
80	The Felix-trial. Double-blind randomization of interspinous implant or bony decompression for treatment of spinal stenosis related intermittent neurogenic claudication. BMC Musculoskeletal Disorders, 2010, 11, 100.	0.8	17
81	Magnetic Resonance Imaging Interpretation in Patients with Sciatica Who Are Potential Candidates for Lumbar Disc Surgery. PLoS ONE, 2013, 8, e68411.	1.1	17
82	A diagnostic study in patients with sciatica establishing the importance of localization of worsening of pain during coughing, sneezing and straining to assess nerve root compression on MRI. European Spine Journal, 2016, 25, 1389-1392.	1.0	17
83	Prognostic value of magnetic resonance imaging findings in patients with sciatica. Journal of Neurosurgery: Spine, 2016, 24, 978-985.	0.9	16
84	Radiological follow-up after implanting cervical disc prosthesis in anterior discectomy: a systematic review. Spine Journal, 2018, 18, 1678-1693.	0.6	14
85	Comparative Effectiveness of Surgery for Traumatic Acute Subdural Hematoma in an Aging Population. Journal of Neurotrauma, 2019, 36, 1184-1191.	1.7	14
86	How good are the outcomes of instrumented debulking operations for symptomatic spinal metastases and how long do they stand? A subgroup analysis in the global spine tumor study group database. Acta Neurochirurgica, 2020, 162, 943-950.	0.9	14
87	Timing and minimal access surgery for sciatica: a summary of two randomized trials. Acta Neurochirurgica, 2011, 153, 967-974.	0.9	13
88	Discontinuation of a randomised controlled trial in general practice due to unsuccessful patient recruitment. BJGP Open, 2017, 1, bjgpopen17X101085.	0.9	13
89	Percutaneous laser disc decompression versus microdiscectomy for sciatica: Cost utility analysis alongside a randomized controlled trial. Interventional Neuroradiology, 2017, 23, 538-545.	0.7	12
90	Surgical management of lumbar spinal stenosis: a survey among Norwegian spine surgeons. Acta Neurochirurgica, 2017, 159, 191-197.	0.9	12

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91	Comparative effectiveness of surgery in traumatic acute subdural and intracerebral haematoma: study protocol for a prospective observational study within CENTER-TBI and Net-QuRe. BMJ Open, 2019, 9, e033513.	0.8	12
92	Surgical decompression in acute spinal cord injury: earlier is better. Lancet Neurology, The, 2021, 20, 84-86.	4.9	12
93	Avoid surgery as first line treatment for non-specific low back pain. BMJ, The, 2014, 349, g4214-g4214.	3.0	11
94	Decision making in very severe traumatic brain injury (Glasgow Coma Scale 3-5): a literature review of acute neurosurgical management. Journal of Neurosurgical Sciences, 2018, 62, 153-177.	0.3	11
95	Influence of severity and level of injury on the occurrence of complications during the subacute and chronic stage of traumatic spinal cord injury: a systematic review. Journal of Neurosurgery: Spine, 2022, 36, 632-652.	0.9	11
96	Design of the Verbiest trial: cost-effectiveness of surgery versus prolonged conservative treatment in patients with lumbar stenosis. BMC Musculoskeletal Disorders, 2011, 12, 57.	0.8	10
97	Influence of Low Back Pain and Prognostic Value of MRI in Sciatica Patients in Relation to Back Pain. PLoS ONE, 2014, 9, e90800.	1.1	10
98	Predictive value of MRI in decision making for disc surgery for sciatica. Journal of Neurosurgery: Spine, 2013, 19, 678-687.	0.9	9
99	Healthcare utilization and costs among patients with non-functioning pituitary adenomas. Endocrine, 2019, 64, 330-340.	1.1	9
100	Functional outcome, in-hospital healthcare consumption and in-hospital costs for hospitalised traumatic brain injury patients: a Dutch prospective multicentre study. Acta Neurochirurgica, 2020, 162, 1607-1618.	0.9	9
101	Loss of Local Tumor Control After Index Surgery for Spinal Metastases: A Prospective Cohort Study. World Neurosurgery, 2018, 117, e8-e16.	0.7	8
102	Assessing volume and variation of low-value care practices in the Netherlands. European Journal of Public Health, 2020, 30, 236-240.	0.1	8
103	Reliability of gadolinium-enhanced magnetic resonance imaging findings and their correlation with clinical outcome in patients with sciatica. Spine Journal, 2014, 14, 2598-2607.	0.6	7
104	Interspinous process device versus standard conventional surgical decompression for lumbar spinal stenosis: randomised controlled trial. British Journal of Sports Medicine, 2015, 49, 135-135.	3.1	7
105	When Time Is Critical, Is Informed Consent Less So? A Discussion of Patient Autonomy in Emergency Neurosurgery. World Neurosurgery, 2019, 125, e336-e340.	0.7	7
106	Unmet needs and recommendations to improve meningioma care through patient, partner, and health care provider input: a mixed-method study. Neuro-Oncology Practice, 2020, 7, 239-248.	1.0	6
107	Decompressive Craniectomy Practice following Traumatic Brain Injury in Comparison with Randomized Trials: Harmonized, Multi-Center Cohort Studies in Europe, the United Kingdom, and Australia. Journal of Neurotrauma, 2022, 39, 860-869.	1.7	6
108	History of Spinal Neurosurgery and Spine Societies. Neurospine, 2020, 17, 675-694.	1.1	5

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109	Response to Letter to the Editor: "Surgery as a Viable Alternative First-Line Treatment for Prolactinoma Patients. A Systematic Review and Meta-Analysis― Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3040-e3041.	1.8	4
110	Changes in healthcare utilisation for paediatric tonsillectomy and adenoidectomy in the Netherlands: a populationâ€based study. Clinical Otolaryngology, 2021, 46, 347-356.	0.6	4
111	Safety and efficacy of C1-inhibitor in traumatic brain injury (CIAO@TBI): study protocol for a randomized, placebo-controlled, multi-center trial. Trials, 2021, 22, 874.	0.7	4
112	Gadolinium Enhancement Is Not Associated With Disc Inflammation in Patients With Sciatica. Spine, 2019, 44, E742-E748.	1.0	3
113	Fusion rates support wired allograft combined with instrumented craniocervical fixation in the paediatric population. Acta Neurochirurgica, 2020, 162, 985-991.	0.9	3
114	Regional and hospital variation in commonly performed paediatric otolaryngology procedures in the Netherlands: a population-based study of healthcare utilisation between 2016 and 2019. BMJ Open, 2021, 11, e046840.	0.8	3
115	Randomized Evaluation of Surgery in Elderly with Traumatic Acute SubDural Hematoma (RESET-ASDH) Tj ETQq1 Z design. Trials, 2022, 23, 242.	0.78431 0.7	.4 rgBT /Ove 3
116	Letter to the Editor Regarding "Percutaneous Endoscopic Lumbar Discectomy Versus Posterior Open Lumbar Microdiscectomy for the Treatment of Symptomatic Lumbar Disc Herniation: A Systemic Review and Meta-Analysis― A Critical Appraisal. World Neurosurgery, 2019, 122, 715-717.	0.7	2
117	Surgeons preference for lumbar disk surgery: a discrete choice experiment. European Spine Journal, 2022, 31, 380-388.	1.0	2
118	Microdiscectomy for sciatica: reality check study of long-term surgical treatment effects of a Lumbosacral radicular syndrome (LSRS). European Spine Journal, 2022, 31, 400.	1.0	2
119	Assessment of Patient-Specific Surgery Effect Based on Weighted Estimation and Propensity Scoring in the Re-Analysis of the Sciatica Trial. PLoS ONE, 2014, 9, e111325.	1.1	1
120	MNGI-26. THE DISEASE BURDEN OF MENINGIOMA PATIENTS: LONG-TERM RESULTS ON WORK PRODUCTIVITY AND HEALTHCARE CONSUMPTION. Neuro-Oncology, 2018, 20, vi154-vi154.	0.6	1
121	Prevalence of Cognitive Complaints and Impairment in Patients with Chronic Subdural Hematoma and Recovery after Treatment: A Systematic Review. Journal of Neurotrauma, 2020, 38, 159-168.	1.7	1
122	Concomitant cranio-spinal trauma: additional risk from a cerebrovascular injury. Acta Neurochirurgica, 2021, 163, 45-46.	0.9	1
123	Advanced consent for acute stroke trials – Authors' reply. Lancet Neurology, The, 2021, 20, 170-171.	4.9	1
124	Practice Variation Research in Degenerative Lumbar Disc Surgery: A Literature Review on Design Characteristics and Outcomes. Global Spine Journal, 2022, 12, 1841-1851.	1.2	1
125	Mortality Reduction of Acute Surgery in Traumatic Acute Subdural Hematoma since the 19th Century: Systematic Review and Meta-Analysis with Dramatic Effect: Is Surgery the Obvious Parachute?. Journal of Neurotrauma, 2023, 40, 22-32.	1.7	1
126	MNGI-25. THE CAREGIVER BURDEN IN MENINGIOMA: LONG-TERM RESULTS AND ITS EFFECTS ON CAREGIVER' HEALTH-RELATED OLIALITY OF LIFE, ANXIETY AND DEPRESSION, Neuro-Oncology, 2018, 20, yi154-yi154	<sup>⊿</sup> S 0.6	0

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127	INNV-25. IMPROVING QUALITY OF CARE OF MENINGIOMA PATIENTS: INITIAL EVALUATION OF ISSUES IN CARE TRAJECTORIES ACCORDING TO THE PLAN-DO-STUDY-ACT CYCLE. Neuro-Oncology, 2018, 20, vi143-vi143.	0.6	0
128	MNGI-27. THE LONG-TERM DISEASE BURDEN OF MENINGIOMA PATIENTS: RESULTS ON HEALTH-RELATED QUALITY OF LIFE, COGNITIVE FUNCTION, ANXIETY AND DEPRESSION. Neuro-Oncology, 2018, 20, vi154-vi155.	0.6	0
129	Reply to Commentary on "History of Spinal Neurosurgery and Spine Societies― Neurospine, 2021, 18, 254-255.	1.1	0
130	Study protocol: effect of infection, Modic and inflammation on clinical outcomes in surgery for radiculopathy (EIMICOR). BMC Neurology, 2021, 21, 379.	0.8	0
131	Challenges Encountered in Surgical Traumatic Brain Injury Research: A Need for Methodological Improvement of Future Studies. World Neurosurgery, 2022, 161, 410-417.	0.7	0