

# Fahed Zairi

## List of Publications by Year in descending order

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69  
papers

1,002  
citations

471509

17  
h-index

552781

26  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relevance of a novel external dynamic distraction device for treating back pain. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 264-272.	1.8	7
2	Fracture behavior of Alumina-Tricalcium phosphate-Titania composites for bone tissue reconstruction. Engineering Fracture Mechanics, 2021, 255, 107959.	4.3	1
3	How Osmoviscoelastic Coupling Affects Recovery of Cyclically Compressed Intervertebral Disc. Spine, 2020, 45, E1376-E1385.	2.0	14
4	Osmo-inelastic response of the intervertebral disc annulus fibrosus tissue. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 1000-1010.	1.8	1
5	The two Poisson's ratios in annulus fibrosus: relation with the osmo-inelastic features. Mechanics of Soft Materials, 2020, 2, 1.	0.9	14
6	How pre-strain affects the chemo-torsional response of the intervertebral disc. Clinical Biomechanics, 2020, 76, 105020.	1.2	11
7	Interlamellar-induced time-dependent response of intervertebral disc annulus: A microstructure-based chemo-viscoelastic model. Acta Biomaterialia, 2019, 100, 75-91.	8.3	27
8	A chemo-mechanical model for osmo-inelastic effects in the annulus fibrosus. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1773-1790.	2.8	29
9	Osmo-inelastic response of the intervertebral disc. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2019, 233, 332-341.	1.8	21
10	Crystallinity dependency of the time-dependent mechanical response of polyethylene: application in total disc replacement. Journal of Materials Science: Materials in Medicine, 2019, 30, 46.	3.6	5
11	Biomechanical response of a novel intervertebral disc prosthesis using functionally graded polymers: A finite element study. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 94, 288-297.	3.1	12
12	Which functional outcome parameters correlate better with elderly patients' satisfaction after non-fusion lumbar spine surgery?. Journal of Neurosurgical Sciences, 2019, 63, 365-371.	0.6	4
13	Minimally invasive resection of large dumbbell tumors of the lumbar spine: Advantages and pitfalls. Clinical Neurology and Neurosurgery, 2018, 168, 91-96.	1.4	9
14	Surgical site infection in spinal metastasis: incidence and risk factors. Spine Journal, 2018, 18, 1382-1387.	1.3	41
15	Decision Making for the Surgical Treatment of Vertebral Metastases Among Patients with Short Predicted Survival. World Neurosurgery, 2018, 111, e573-e580.	1.3	12
16	Damage mechanisms in bioactive glass matrix composites under uniaxial compression. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 79, 264-272.	3.1	4
17	Evaluation of the Relevance of Surgery in Patients with Multiple Myeloma Harboring Symptomatic Spinal Involvement: A Retrospective Case Series. World Neurosurgery, 2018, 114, e356-e365.	1.3	3
18	Manufacturing and mechanical characterization of Al <sub>2</sub> O <sub>3</sub> /β-TCP/TiO <sub>2</sub> biocomposite as a potential bone substitute. International Journal of Advanced Manufacturing Technology, 2018, 95, 3369-3380.	3.0	7

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19	Contribution of Dynamic Surgical Guidance to the Accurate Placement of Pedicle Screws in Deformity Surgery: A Retrospective Case Series. <i>World Neurosurgery</i> , 2018, 120, e466-e471.	1.3	5
20	Case Report: Hemianopia: From Suspected Glioblastoma to the Diagnosis of Ectopic Schistosomiasis Haematobium Infection in a Traveler Returning from the Republic of the Congo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 94-96.	1.4	5
21	Chirurgie des métastases osseuses du rachis. <i>Revue Du Rhumatisme Monographies</i> , 2017, 84, 137-142.	0.0	0
22	Evaluation of non-supervised MALDI mass spectrometry imaging combined with microproteomics for glioma grade III classification. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 875-890.	2.3	36
23	Minimally invasive costotransversectomy for the resection of large thoracic dumbbell tumors. <i>British Journal of Neurosurgery</i> , 2017, 31, 179-183.	0.8	11
24	Anterior lumbar sagittal alignment after anterior or lateral interbody fusion. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 1245-1250.	2.0	13
25	Chemical meningitis related to intra-CSF liposomal cytarabine. <i>CNS Oncology</i> , 2017, 6, 261-267.	3.0	7
26	Long-segment percutaneous screw fixation for thoraco-lumbar spine metastases: a single center's experience. <i>Journal of Neurosurgical Sciences</i> , 2017, 61, 365-370.	0.6	13
27	Evaluation of the relevance of surgery in a retrospective case series of patients who underwent the surgical treatment of a symptomatic spine metastasis from lung cancer. <i>European Spine Journal</i> , 2016, 25, 4052-4059.	2.2	18
28	Successful management of a giant anterior sacral meningocele with an endoscopic cutting stapler: case report. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 862-866.	1.7	14
29	Close follow-up after discontinuation of cyproterone acetate: a possible option to defer surgery in patients with voluminous intracranial meningioma. <i>Journal of Neurosurgical Sciences</i> , 2016, 61, 98-101.	0.6	7
30	Single Posterior Approach for En-Bloc Resection and Stabilization for Locally Advanced Pancoast Tumors Involving the Spine: Single Centre Experience. <i>Asian Spine Journal</i> , 2016, 10, 1047.	2.0	3
31	Minimally Invasive Transforaminal Lumbar Interbody Fusion (TLIF): Indications and Techniques. , 2016, , 503-512.		0
32	Corrigendum to "Management of neoplastic spinal tumors in a spine surgery care unit" [Clin. Neurol. Neurosurg. 128 (2015) 35-40]. <i>Clinical Neurology and Neurosurgery</i> , 2015, 136, 147.	1.4	0
33	Delayed Hypersensitivity Reaction: An Increasingly Recognized Complication of Metal-on-Metal Total Disc Replacement. <i>Case Reports in Orthopedics</i> , 2015, 2015, 1-3.	0.3	1
34	Radiation-associated grade 2 meningiomas: A nine patient-series and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2015, 136, 10-14.	1.4	5
35	Patterns of response to crizotinib in recurrent glioblastoma according to ALK and MET molecular profile in two patients. <i>CNS Oncology</i> , 2015, 4, 381-386.	3.0	18
36	Prolonged Response and Restoration of Functional Independence with Bevacizumab plus Vinorelbine as Third-Line Treatment for Breast Cancer-Related Leptomeningeal Metastases. <i>Case Reports in Oncology</i> , 2015, 8, 72-77.	0.7	10

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37	Molecular targeted therapies in advanced or metastatic chordoma patients: Facts and hypotheses. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 95, 125-131.	4.4	28
38	Surgical-site infection in spinal injury: incidence and risk factors in a prospective cohort of 518 patients. <i>European Spine Journal</i> , 2015, 24, 543-554.	2.2	51
39	Spine metastases: are minimally invasive surgical techniques living up to the hype?. <i>CNS Oncology</i> , 2015, 4, 257-264.	3.0	11
40	Grade 2 meningioma and radiosurgery. <i>Journal of Neurosurgery</i> , 2015, 122, 1157-1162.	1.6	30
41	Complications related to the use of an intraventricular access device for the treatment of leptomeningeal metastases from solid tumor: a single centre experience in 112 patients. <i>Journal of Neuro-Oncology</i> , 2015, 124, 317-323.	2.9	31
42	Management of cardiac migration of a distal shunt catheter: The radiological pitfalls. <i>Neurochirurgie</i> , 2015, 61, 43-45.	1.2	8
43	Management of neoplastic spinal tumors in a spine surgery care unit. <i>Clinical Neurology and Neurosurgery</i> , 2015, 128, 35-40.	1.4	11
44	Causes of mortality in neurofibromatosis type 2. <i>British Journal of Neurosurgery</i> , 2015, 29, 37-40.	0.8	8
45	Surgery followed by radiosurgery: A deliberate valuable strategy in the treatment of intracranial meningioma. <i>Clinical Neurology and Neurosurgery</i> , 2014, 124, 123-126.	1.4	14
46	Glioblastoma occurring after the surgical resection of a craniopharyngioma. <i>British Journal of Neurosurgery</i> , 2014, 28, 284-286.	0.8	2
47	BM-18 * PROLONGED RESPONSE WITH BEVACIZUMAB + NAVELBINE AS THIRD LINE OF TREATMENT OF BREAST CANCER LEPTOMENINGEAL METASTASES: A CASE REPORT. <i>Neuro-Oncology</i> , 2014, 16, v36-v36.	1.2	1
48	CSF CA 15-3 in breast cancer-related leptomeningeal metastases. <i>Journal of Neuro-Oncology</i> , 2014, 117, 117-124.	2.9	17
49	Cerebral amyloid angiopathy revealed by rapidly progressing leptomeningeal lesions. <i>Journal of Neurology</i> , 2014, 261, 1432-1435.	3.6	1
50	Clinical and imaging follow-up after surgical or endovascular treatment in patients with unruptured carotidâ€”ophthalmic aneurysm. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 155-159.	1.4	14
51	Relevance of gamma knife radiosurgery alone for the treatment of non-small cell lung cancer brain metastases. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 87-93.	1.4	7
52	Early postoperative radiotherapy improves progression free survival in patients with grade 2 meningioma. <i>Acta Neurochirurgica</i> , 2013, 155, 1385-1390.	1.7	29
53	Prognostic value and management of spinal tumors in neurofibromatosis type 2 patients. <i>Acta Neurochirurgica</i> , 2013, 155, 771-777.	1.7	14
54	Intracranial meningiomas and neurofibromatosis type 2. <i>Acta Neurochirurgica</i> , 2013, 155, 997-1001.	1.7	18

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55	Delayed hypersensitivity reaction caused by metal-on-metal total disc replacement. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 389-391.	1.7	16
56	Salvage intracerebrospinal fluid thiotepa in breast cancer-related leptomeningeal metastases. <i>Anti-Cancer Drugs</i> , 2013, 24, 1093-1097.	1.4	9
57	Radiological pitfalls of a large intracranial dissecting aneurysm. <i>Turkish Neurosurgery</i> , 2013, 25, 158-61.	0.2	1
58	Prolonged survival of patients with breast cancer-related leptomeningeal metastases. <i>Anticancer Research</i> , 2013, 33, 2057-63.	1.1	16
59	Early cardiac migration of distal shunt catheter. <i>British Journal of Neurosurgery</i> , 2012, 26, 545-546.	0.8	11
60	Minimally invasive decompression and stabilization for the management of thoracolumbar spine metastasis. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 19-23.	1.7	88
61	Relevance of expandable titanium cage for the treatment of cervical spondylotic myelopathy. <i>European Spine Journal</i> , 2012, 21, 1545-1550.	2.2	24
62	Management of delayed oesophagus perforation and osteomyelitis after cervical spine surgery: review of the literature. <i>British Journal of Neurosurgery</i> , 2012, 26, 185-188.	0.8	14
63	Minimally invasive posterior surgery for thoracolumbar fractures. New trends to decrease muscle damage. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2012, 22, 1-7.	1.4	22
64	Transient obstructive hydrocephalus by intraventricular fat migration after surgery of the posterior fossa. <i>Acta Neurochirurgica</i> , 2012, 154, 303-304.	1.7	5
65	Cervical synovial sarcoma necessitating multiple neurosurgical procedures. <i>British Journal of Neurosurgery</i> , 2011, 25, 769-771.	0.8	5
66	Complications related to the placement of an intraventricular chemotherapy device. <i>Journal of Neuro-Oncology</i> , 2011, 104, 247-252.	2.9	8
67	Clinicopathological features of breast cancers predict the development of leptomeningeal metastases: a case-control study. <i>Journal of Neuro-Oncology</i> , 2011, 105, 309-315.	2.9	25
68	Ruptured cerebral oncotic aneurysm from choriocarcinoma: report of two cases and review of the literature. <i>Acta Neurochirurgica</i> , 2011, 153, 353-357.	1.7	18
69	Spinal cord herniation: a misdiagnosed and treatable cause of thoracic myelopathy. <i>Acta Neurochirurgica</i> , 2010, 152, 1991-1996.	1.7	14