

Laurent Riffaud

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10193237/publications.pdf>

Version: 2024-02-01

101
papers

2,734
citations

201674

27
h-index

214800

47
g-index

108
all docs

108
docs citations

108
times ranked

3325
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation in glioblastoma: impact on gene expression and clinical outcome. BMC Genomics, 2010, 11, 701.	2.8	181
2	Nevoid basal cell carcinoma syndrome: Relation with desmoplastic medulloblastoma in infancy. Cancer, 2003, 98, 618-624.	4.1	140
3	An update on bacterial brain abscess in immunocompetent patients. Clinical Microbiology and Infection, 2017, 23, 614-620.	6.0	108
4	MR imaging features of spinal schwannomas and meningiomas. Journal of Neuroradiology, 2005, 32, 42-49.	1.1	107
5	Markers of Recurrence and Long-Term Morbidity in Craniopharyngioma: A Systematic Analysis of 171 Patients. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1258-1267.	3.6	106
6	Detecting Surgical Tools by Modelling Local Appearance and Global Shape. IEEE Transactions on Medical Imaging, 2015, 34, 2603-2617.	8.9	96
7	A Framework for the Recognition of High-Level Surgical Tasks From Video Images for Cataract Surgeries. IEEE Transactions on Biomedical Engineering, 2012, 59, 966-976.	4.2	95
8	Acute Nontraumatic Spinal Subdural Hematomas in Three Patients. Spine, 2001, 26, E547-E551.	2.0	77
9	Classification of surgical processes using dynamic time warping. Journal of Biomedical Informatics, 2012, 45, 255-264.	4.3	77
10	MRI of intramedullary spinal schwannomas: case report and review of the literature. Neuroradiology, 2000, 42, 275-279.	2.2	63
11	Results in the Operative Treatment of Elderly Patients with Spinal Meningiomas. Spine, 2004, 29, 2191-2194.	2.0	55
12	Glial heterotopia of the face. Journal of Pediatric Surgery, 2008, 43, e1-e3.	1.6	55
13	Anatomic bases for the compression and neurolysis of the deep branch of the radial nerve in the radial tunnel. Surgical and Radiologic Anatomy, 1999, 21, 229-233.	1.2	54
14	TERT promoter mutations in melanoma render TERT expression dependent on MAPK pathway activation. Oncotarget, 2016, 7, 53127-53136.	1.8	54
15	Survival and prognostic factors in a series of adults with medulloblastomas. Journal of Neurosurgery, 2009, 111, 478-487.	1.6	51
16	Supratentorial Ependymoma in Children. Pediatric Neurosurgery, 2001, 34, 77-87.	0.7	50
17	Automatic knowledge-based recognition of low-level tasks in ophthalmological procedures. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 39-49.	2.8	49
18	Results of spinal meningioma surgery in patients with severe preoperative neurological deficits. European Spine Journal, 2005, 14, 440-444.	2.2	43

#	ARTICLE	IF	CITATIONS
19	EXTENSIVE SPINAL CORD INFARCTION AFTER POSTERIOR FOSSA SURGERY IN THE SITTING POSITION: CASE REPORT. <i>Neurosurgery</i> , 2004, 54, 1512-1516.	1.1	39
20	Spinal Epidural Angiolipoma. <i>Neurosurgery</i> , 1992, 31, 758-764.	1.1	37
21	Isolated Rosai-Dorfman disease of the fourth ventricle. <i>Journal of Neurosurgery</i> , 2000, 92, 890.	1.6	36
22	Arterial spin labeling in clinical pediatric imaging. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 151-158.	3.2	36
23	Decision Making During Preoperative Surgical Planning. <i>Human Factors</i> , 2009, 51, 67-77.	3.5	32
24	Anterior screw fixation of type IIB odontoid fractures in octogenarians. <i>European Spine Journal</i> , 2012, 21, 335-339.	2.2	32
25	A dynamic theory for hydrocephalus revealing benign intraspinal tumours: Tumoural obstruction of the spinal subarachnoid space reduces total CSF compartment compliance. <i>Medical Hypotheses</i> , 2006, 67, 79-81.	1.5	31
26	Automatic phase prediction from low-level surgical activities. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 833-841.	2.8	28
27	Dural plasmacytoma revealing multiple myeloma. <i>Journal of Neurosurgery</i> , 2006, 104, 608-610.	1.6	27
28	Acquired Chiari I Malformation and Syringomyelia after Valveless Lumboperitoneal Shunt in Infancy. <i>Pediatric Neurosurgery</i> , 2008, 44, 229-233.	0.7	27
29	Multi-site study of surgical practice in neurosurgery based on surgical process models. <i>Journal of Biomedical Informatics</i> , 2013, 46, 822-829.	4.3	27
30	Recording of Surgical Processes: A Study Comparing Senior and Junior Neurosurgeons During Lumbar Disc Herniation Surgery. <i>Operative Neurosurgery</i> , 2010, 67, ons325-ons332.	0.8	26
31	Relationships Between Expertise, Crew Familiarity and Surgical Workflow Disruptions: An Observational Study. <i>World Journal of Surgery</i> , 2019, 43, 431-438.	1.6	26
32	Surgical Phases Detection from Microscope Videos by Combining SVM and HMM. <i>Lecture Notes in Computer Science</i> , 2011, , 54-62.	1.3	25
33	Ultrasonography for the diagnosis of craniosynostosis. <i>European Journal of Radiology</i> , 2017, 90, 250-255.	2.6	24
34	Automatic matching of surgeries to predict surgeons' next actions. <i>Artificial Intelligence in Medicine</i> , 2017, 81, 3-11.	6.5	24
35	Nervous system lymphoid infiltration in Waldenström's macroglobulinemia. A case report. <i>Journal of Neuro-Oncology</i> , 2003, 62, 353-358.	2.9	23
36	Automatic Phases Recognition in Pituitary Surgeries by Microscope Images Classification. <i>Lecture Notes in Computer Science</i> , 2010, , 34-44.	1.3	23

#	ARTICLE	IF	CITATIONS
37	Intracerebral hemorrhage complicating cervical "hourglass" schwannoma removal. <i>Journal of Neurosurgery: Spine</i> , 2001, 94, 150-153.	1.7	22
38	Arteriovenous fistula of the superficial temporal artery: an exceptional complication of the pterional approach. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 1077-1078.	1.9	22
39	An Application-Dependent Framework for the Recognition of High-Level Surgical Tasks in the OR. <i>Lecture Notes in Computer Science</i> , 2011, 14, 331-338.	1.3	22
40	Primary isolated lymphoma of the fourth ventricle: case report. <i>Journal of Neuro-Oncology</i> , 2001, 51, 129-131.	2.9	21
41	Caudal spinal cord ischemia after lumbar vertebral manipulation. <i>Joint Bone Spine</i> , 2004, 71, 334-337.	1.6	21
42	Brain shift is central to the pathogenesis of intracerebral haemorrhage remote from the site of the initial neurosurgical procedure. <i>Medical Hypotheses</i> , 2006, 67, 856-859.	1.5	21
43	Sporadic intracranial haemangioblastomas: surgical outcome in a single institution series. <i>Acta Neurochirurgica</i> , 2013, 155, 1003-1009.	1.7	20
44	Radiation-induced Spinal Cord Glioma Subsequent to Treatment of Hodgkin's Disease: Case Report and Review. <i>Journal of Neuro-Oncology</i> , 2006, 76, 207-211.	2.9	19
45	<i>Staphylococcus aureus</i> screening and decolonization reduces the risk of surgical site infections in patients undergoing deep brain stimulation surgery. <i>Journal of Hospital Infection</i> , 2017, 95, 144-147.	2.9	19
46	Complete response of a metastatic porocarcinoma treated with paclitaxel, cetuximab and radiotherapy. <i>European Journal of Cancer</i> , 2018, 90, 142-145.	2.8	19
47	SPECT and PET analysis of subthalamic stimulation in Parkinson's disease: analysis using a manual segmentation. <i>Journal of Neurology</i> , 2010, 257, 375-382.	3.6	18
48	Two Congenital Cases of Pigmented Epithelioid Melanocytoma Studied by Fluorescent in situ Hybridization for Melanocytic Tumors: Case Reports and Review of These Recent Topics. <i>Dermatology</i> , 2010, 221, 97-106.	2.1	18
49	Impact of surgical site infection surveillance in a neurosurgical unit. <i>Journal of Hospital Infection</i> , 2011, 77, 352-355.	2.9	18
50	Transtemporal-transchoroidal approach and its transamygdala extension to the posterior chiasmatic cistern and diencephalo-mesencephalic lesions. <i>Acta Neurochirurgica</i> , 2008, 150, 317-328.	1.7	17
51	Dynamic cervical myelopathy in young adults. <i>European Spine Journal</i> , 2014, 23, 1515-1522.	2.2	17
52	Intracranial epidural haematomas in elderly patients: observations in 14 patients. <i>Acta Neurochirurgica</i> , 2005, 147, 1055-1060.	1.7	16
53	Spontaneous regression of a symptomatic atlanto-occipital joint cyst. Case report. <i>Neurochirurgie</i> , 2011, 57, 129-132.	1.2	16
54	Olfactory ensheathing cell tumour: case report and literature review. <i>Journal of Neuro-Oncology</i> , 2010, 100, 285-289.	2.9	15

#	ARTICLE	IF	CITATIONS
55	Interruptions in Surgery: A Comprehensive Review. <i>Journal of Surgical Research</i> , 2020, 247, 190-196.	1.6	15
56	Endoscopic Third Ventriculostomy for the Treatment of Obstructive Hydrocephalus During Pregnancy. <i>Obstetrics and Gynecology</i> , 2006, 108, 801-804.	2.4	14
57	Assessment of technical needs for surgical equipment by surgical process models. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2009, 18, 341-349.	1.2	14
58	Surgical skills: Can learning curves be computed from recordings of surgical activities?. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 629-636.	2.8	14
59	How ultrasonography can contribute to diagnosis of craniosynostosis. <i>Neurochirurgie</i> , 2019, 65, 228-231.	1.2	14
60	Nontraumatic Arteriovenous Fistula of the Superficial Temporal Artery. <i>Otolaryngology - Head and Neck Surgery</i> , 2001, 124, 588-589.	1.9	13
61	Topotecan in combination with radiotherapy in unresectable glioblastoma: a phase 2 study. <i>Journal of Neuro-Oncology</i> , 2009, 93, 253-260.	2.9	13
62	Primary gliomatosis cerebri involving gray matter in pediatrics: a distinct entity? A multicenter study of 14 cases. <i>Child's Nervous System</i> , 2013, 29, 565-571.	1.1	13
63	Influence of cumulative surgical experience on the outcome of poor-grade patients with ruptured intracranial aneurysm. <i>Acta Neurochirurgica</i> , 2015, 157, 1-7.	1.7	13
64	Recent advances in trigonocephaly. <i>Neurochirurgie</i> , 2019, 65, 246-251.	1.2	13
65	Hemispheric cerebral gliomas in children with NF1: arguments for a long-term follow-up. <i>Child's Nervous System</i> , 2002, 18, 43-47.	1.1	12
66	Localized hypertrophic neuropathy of the sciatic nerve in children: MRI findings. <i>Pediatric Radiology</i> , 2012, 42, 952-958.	2.0	12
67	Phase I Study of Topotecan in Combination with Concurrent Radiotherapy in Adults with Glioblastoma. <i>Journal of Neuro-Oncology</i> , 2003, 65, 141-148.	2.9	11
68	Distinguishing surgical behavior by sequential pattern discovery. <i>Journal of Biomedical Informatics</i> , 2017, 67, 34-41.	4.3	11
69	Anterior cervical interbody fusion using polyetheretherketone cage filled with synthetic bone graft in acute cervical spine injury. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2017, 103, 61-66.	2.0	11
70	Reducing blood loss in pediatric craniosynostosis surgery by use of tranexamic acid. <i>Neurochirurgie</i> , 2019, 65, 302-309.	1.2	11
71	Brown-Sequard syndrome revealing intradural thoracic disc herniation. <i>European Spine Journal</i> , 2011, 20, 65-70.	2.2	10
72	Osteomyelitis of the Skull Vault Induced by Self-Inflicted Dermatitis of the Scalp. <i>Acta Neurochirurgica</i> , 2001, 143, 737-738.	1.7	9

#	ARTICLE	IF	CITATIONS
73	Non-linear temporal scaling of surgical processes. <i>Artificial Intelligence in Medicine</i> , 2014, 62, 143-152.	6.5	9
74	Mild head injury and attention deficit hyperactivity disorder in children. <i>Child's Nervous System</i> , 2016, 32, 2357-2361.	1.1	9
75	Management of hydrocephalus in pediatric metastatic tumors of the posterior fossa at presentation. <i>Child's Nervous System</i> , 2017, 33, 1473-1480.	1.1	9
76	Nontechnical Skills in Neurosurgery: A Systematic Review of the Literature. <i>World Neurosurgery</i> , 2019, 130, e726-e736.	1.3	9
77	Ruptured intracranial arachnoid cysts in the subdural space: evaluation of subduro-peritoneal shunts in a pediatric population. <i>Child's Nervous System</i> , 2020, 36, 2073-2078.	1.1	9
78	Finding discriminative and interpretable patterns in sequences of surgical activities. <i>Artificial Intelligence in Medicine</i> , 2017, 82, 11-19.	6.5	9
79	Parenchymal FLAIR hyperintensity before thrombolysis is a prognostic factor of ischemic stroke outcome at 3T. <i>Journal of Neuroradiology</i> , 2015, 42, 269-277.	1.1	8
80	Basilar Artery Anatomy. <i>Journal of Neurosurgery</i> , 2000, 93, 368-9.	1.6	7
81	Low-grade epilepsy-associated neuroepithelial tumours with a prominent oligodendroglioma-like component: The diagnostic challenges. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	7
82	Development of workflow task analysis during cerebral diagnostic angiographies: Time-based comparison of junior and senior tasks. <i>Journal of Neuroradiology</i> , 2013, 40, 342-347.	1.1	6
83	Optimal Sub-Sequence Matching for the Automatic Prediction of Surgical Tasks. <i>Lecture Notes in Computer Science</i> , 2015, , 123-132.	1.3	6
84	Edema of the optic tract in patients with tumors of the sellar region: clinical and visual implications in the pediatric population. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 516-522.	1.3	6
85	Pneumocephalus as a delayed mastoidectomy complication. <i>Journal of Laryngology and Otology</i> , 2007, 121, 401-403.	0.8	5
86	Intradiploic growing skull fracture: review of mechanisms and literature. <i>Child's Nervous System</i> , 2015, 31, 2199-2205.	1.1	5
87	Comparison of neurogenic lower urinary tract dysfunctions in open versus closed spinal dysraphism: A prospective cross-sectional study of 318 patients. <i>Neurourology and Urodynamics</i> , 2018, 37, 2818-2826.	1.5	5
88	Impact of the complexity of surgical procedures and intraoperative interruptions on neurosurgical team workload. <i>Neurochirurgie</i> , 2020, 66, 203-211.	1.2	5
89	Prognostic factors and incidence of primary mucosal melanoma: a population-based study in France. <i>European Journal of Dermatology</i> , 2018, 28, 654-660.	0.6	5
90	Surgical treatment of rare cauda equina tumours. <i>Acta Neurochirurgica</i> , 2011, 153, 1787-1796.	1.7	4

#	ARTICLE	IF	CITATIONS
91	Work domain constraints for modelling surgical performance. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1589-1597.	2.8	4
92	Importance of tranexamic acid in pediatric monosutural craniosynostosis surgery. Journal of Neurosurgery: Pediatrics, 2022, 29, 412-418.	1.3	3
93	Chiari malformation type I surgery in children: French multicenter 10-year cohort. Journal of Neurosurgery: Pediatrics, 2022, 30, 210-216.	1.3	3
94	Papilledema and Spinal Cord Tumor. New England Journal of Medicine, 2004, 350, e18.	27.0	2
95	Effects of Low-Dose Protocols in Endovascular Treatment of Intracranial Aneurysms: Development of Workflow Task Analysis During Cerebral Endovascular Procedures. American Journal of Roentgenology, 2013, 201, W322-W325.	2.2	2
96	Pneumosinus dilatans of the sphenoid and visual loss: when should the optic nerve be decompressed?. Child's Nervous System, 2021, 37, 2677-2682.	1.1	2
97	Fusiform dilatation of internal carotid artery after pterional but not subfrontal craniotomy in 6 patients. Child's Nervous System, 2021, 37, 125-129.	1.1	2
98	Different manifestations detected with 68Ga-DOTATOC PET/CT in patients with VonÂHippel-Lindau disease: A case report. Nuklearmedizin - NuclearMedicine, 2020, 59, 332-334.	0.7	2
99	Title is missing!. Spine, 2003, 28, E270-E272.	2.0	1
100	Dysplastic gangliocytoma of the cerebellum (Lhermitte-Duclos disease) presenting as a prenatally heterotopic hamartoma. Child's Nervous System, 2021, 37, 1017-1020.	1.1	1
101	MEDB-13. Neurocognitive and radiological follow-up of children under 5 years of age treated for medulloblastoma according to the HIT-SKK protocol. Neuro-Oncology, 2022, 24, i106-i107.	1.2	0