

Christophe Destrieux

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

7,456
citations

331259

21
h-index

205818

48
g-index

54
all docs

54
docs citations

54
times ranked

11742
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatically Parcellating the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2004, 14, 11-22.	1.6	3,657
2	Automatic parcellation of human cortical gyri and sulci using standard anatomical nomenclature. <i>NeuroImage</i> , 2010, 53, 1-15.	2.1	2,251
3	Cavernous Sinus Invasion by Pituitary Adenoma: MR Imaging. <i>Radiology</i> , 2000, 215, 463-469.	3.6	230
4	Atypical activation of the mirror neuron system during perception of hand motion in autism. <i>Brain Research</i> , 2010, 1320, 168-175.	1.1	117
5	A new concept in Dorello's canal microanatomy: the petroclival venous confluence. <i>Journal of Neurosurgery</i> , 1997, 87, 67-72.	0.9	103
6	Precuneus and Cingulate Cortex Atrophy and Hypometabolism in Patients with Alzheimer's Disease and Mild Cognitive Impairment: MRI and ¹⁸ F-FDG PET Quantitative Analysis Using FreeSurfer. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	90
7	Evidence of a middle longitudinal fasciculus in the human brain from fiber dissection. <i>Journal of Anatomy</i> , 2013, 223, 38-45.	0.9	84
8	Optic radiations: a microsurgical anatomical study. <i>Journal of Neurosurgery</i> , 2006, 105, 294-300.	0.9	82
9	Microanatomy of the hypophyseal fossa boundaries. <i>Journal of Neurosurgery</i> , 1998, 88, 743-752.	0.9	69
10	Preserved subcortical volumes and cortical thickness in women with sexual abuse-related PTSD. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 181-186.	0.9	61
11	Microanatomy of the pericallosal arterial complex. <i>Journal of Neurosurgery</i> , 2000, 93, 667-675.	0.9	55
12	How Klingler's dissection permits exploration of brain structural connectivity? An electron microscopy study of human white matter. <i>Brain Structure and Function</i> , 2016, 221, 2477-2486.	1.2	54
13	Hypnosis for Awake Surgery of Low-grade Gliomas. <i>Neurosurgery</i> , 2016, 78, 53-61.	0.6	50
14	FIBRASCAN: A novel method for 3D white matter tract reconstruction in MR space from cadaveric dissection. <i>NeuroImage</i> , 2014, 103, 106-118.	2.1	43
15	Radionecrosis of malignant glioma and cerebral metastasis: A diagnostic challenge in MRI. <i>Diagnostic and Interventional Imaging</i> , 2014, 95, 985-1000.	1.8	38
16	The internal acoustic meatus and its meningeal layers: a microanatomical study. <i>Journal of Neurosurgery</i> , 2002, 97, 1191-1197.	0.9	37
17	A practical guide for the identification of major sulcogyral structures of the human cortex. <i>Brain Structure and Function</i> , 2017, 222, 2001-2015.	1.2	37
18	Principle of structural equation modeling for exploring functional interactivity within a putative network of interconnected brain areas. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1-12.	1.0	31

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19	Fronto-orbital Sphenoidal Fibrous Dysplasia. <i>Neurosurgery</i> , 1994, 34, 544-547.	0.6	27
20	Working memory processing of traumatic material in women with posttraumatic stress disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2012, 37, 87-94.	1.4	25
21	Surgical anatomy of the hippocampus. <i>Neurochirurgie</i> , 2013, 59, 149-158.	0.6	24
22	The human cingulum: From the limbic tract to the connectionist paradigm. <i>Neuropsychologia</i> , 2020, 144, 107487.	0.7	23
23	Merkel Cell Polyomavirus T Antigens Induce Merkel Cell-Like Differentiation in GLI1-Expressing Epithelial Cells. <i>Cancers</i> , 2020, 12, 1989.	1.7	22
24	The trigeminal pathways. <i>Journal of Neurology</i> , 2022, 269, 3443-3460.	1.8	19
25	The inter-optic course of a unique precommunicating anterior cerebral artery with aberrant origin of an ophthalmic artery: an anatomic case report. <i>Surgical and Radiologic Anatomy</i> , 2013, 35, 269-271.	0.6	18
26	Therapeutic Failure in Trigeminal Neuralgia: from a Clarification of Trigeminal Nerve Somatotopy to a Targeted Partial Sensory Rhizotomy. <i>World Neurosurgery</i> , 2018, 117, e138-e145.	0.7	18
27	Large-scale, cell-resolution volumetric mapping allows layer-specific investigation of human brain cytoarchitecture. <i>Biomedical Optics Express</i> , 2021, 12, 3684.	1.5	18
28	3D molecular phenotyping of cleared human brain tissues with light-sheet fluorescence microscopy. <i>Communications Biology</i> , 2022, 5, 447.	2.0	18
29	Cerebral white matter vasculature: still uncharted?. <i>Brain</i> , 2021, 144, 3561-3575.	3.7	17
30	Detection of Neuroinflammation in a Rat Model of Subarachnoid Hemorrhage Using [18F]DPA-714 PET Imaging. <i>Molecular Imaging</i> , 2016, 15, 153601211663918.	0.7	15
31	Peritumoral Edema/Tumor Volume Ratio: A Strong Survival Predictor for Posterior Fossa Metastases. <i>Neurosurgery</i> , 2019, 85, 117-125.	0.6	15
32	Composition and organization of the sagittal stratum in the human brain: a fiber dissection study. <i>Journal of Neurosurgery</i> , 2021, 135, 1214-1222.	0.9	13
33	Cerebral functional asymmetry and phonological performance in dyslexic adults. <i>Psychophysiology</i> , 2013, 50, 1226-1238.	1.2	12
34	WIKIBrainStem: An online atlas to manually segment the human brainstem at the mesoscopic scale from ultrahigh field MRI. <i>NeuroImage</i> , 2021, 236, 118080.	2.1	12
35	Exploring the human cerebral cortex using confocal microscopy. <i>Progress in Biophysics and Molecular Biology</i> , 2022, 168, 3-9.	1.4	8
36	Comparison of Different Tissue Clearing Methods for Three-Dimensional Reconstruction of Human Brain Cellular Anatomy Using Advanced Imaging Techniques. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 752234.	0.9	8

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37	Stereoscopic Images from Computed Tomography Angiograms. <i>World Neurosurgery</i> , 2019, 128, 259-267.	0.7	6
38	Fatal Gunshot Wound to the Head With Lack of Immediate Incapacitation. <i>American Journal of Forensic Medicine and Pathology</i> , 2014, 35, 86-88.	0.4	5
39	Sphenoid Mucocele with Intracranial Extension: An Anatomic Perspective. <i>World Neurosurgery</i> , 2018, 113, 40-46.	0.7	5
40	Spinal metastases in multiple myeloma: A high-risk subgroup for ISS III patients. <i>Surgical Oncology</i> , 2018, 27, 321-326.	0.8	5
41	Challenging diagnosis of chronic cerebral fungal infection: Value of (1 ³ C)- β -D-glucan and mannan antigen testing in cerebrospinal fluid and of cerebral ventricle puncture. <i>Medical Mycology</i> , 2021, 59, 74-80.	0.3	5
42	From Vesalius to tractography. <i>Journal of Neurosurgical Sciences</i> , 2015, 59, 309-25.	0.3	5
43	Upbeat vertical nystagmus after brain stem cavernoma resection: a rare case of nucleus intercalatus/nucleus of roller injury. <i>Journal of Neurology</i> , 2020, 267, 2865-2870.	1.8	3
44	New insights into the trigeminal nerve somatotopy: Lessons from partial sensory rhizotomy. <i>Morphologie</i> , 2017, 101, 195.	0.5	2
45	Middle Longitudinal Fasciculus in the Human Brain from Fiber Dissection. , 2018, , 71-75.		2
46	Brain virtual dissection and white matter 3D visualization. <i>Studies in Health Technology and Informatics</i> , 2013, 184, 392-6.	0.2	2
47	Diagnosis of progressive multifocal leukoencephalopathy in case of JC virus DNA negativity in cerebrospinal fluid. <i>Virologie</i> , 2016, 20, 287-292.	0.1	1
48	Surgical Anatomy of the Insula. , 2018, , 23-37.		0
49	Letter to the Editor regarding "Hodology of the superior longitudinal system of the human brain: a historical perspective, the current controversies, and a proposal". <i>Brain Structure and Function</i> , 2021, 226, 2477-2478.	1.2	0
50	Fronto-orbital Sphenoidal Fibrous Dysplasia. <i>Neurosurgery</i> , 1994, , .	0.6	0