

Ann-Christine Duhaime

List of Publications by Year in descending order

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76
papers

5,044
citations

117571

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98753

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docs citations

76
times ranked

4527
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcome Prediction in Patients with Severe Traumatic Brain Injury Using Deep Learning from Head CT Scans. <i>Radiology</i> , 2022, 304, 385-394.	3.6	30
2	The Role of Ventriculostomy in Severe Traumatic Brain Injury in Children—To Drain or Not to Drain?. <i>JAMA Network Open</i> , 2022, 5, e2220978.	2.8	0
3	Invariance of the Bifactor Structure of Mild Traumatic Brain Injury (mTBI) Symptoms on the Rivermead Postconcussion Symptoms Questionnaire Across Time, Demographic Characteristics, and Clinical Groups: A TRACK-TBI Study. <i>Assessment</i> , 2021, 28, 1656-1670.	1.9	14
4	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	1.7	23
5	Atretic cephalocele: Report of an infrequent dermatopathologic finding. <i>Journal of Cutaneous Pathology</i> , 2021, 48, 1439-1441.	0.7	1
6	Low-molecular-weight heparin versus unfractionated heparin in pediatric traumatic brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 469-474.	0.8	8
7	A perfect storm: The distribution of tissue damage depends on seizure duration, hemorrhage, and developmental stage in a gyrencephalic, multi-factorial, severe traumatic brain injury model. <i>Neurobiology of Disease</i> , 2021, 154, 105334.	2.1	9
8	Interrater Reliability of National Institutes of Health Traumatic Brain Injury Imaging Common Data Elements for Brain Magnetic Resonance Imaging in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2831-2840.	1.7	2
9	Functional Outcomes Over the First Year After Moderate to Severe Traumatic Brain Injury in the Prospective, Longitudinal TRACK-TBI Study. <i>JAMA Neurology</i> , 2021, 78, 982.	4.5	103
10	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. <i>JAMA Neurology</i> , 2021, 78, 1137.	4.5	53
11	How to manage children who aspirate and fail conventional treatments. <i>Otolaryngology Case Reports</i> , 2021, 21, 100314.	0.0	0
12	Pediatric Gunshot Wound to Visual Cortex with Retained Bullet: Case Report and Review of the Literature. <i>Pediatric Neurosurgery</i> , 2021, 56, 94-98.	0.4	1
13	Assessing Physical Function and Mobility following Pediatric Traumatic Brain Injury with the NIH Toolbox Motor Battery: A Feasibility Study. <i>Physical and Occupational Therapy in Pediatrics</i> , 2021, 41, 56-73.	0.8	2
14	Mild Traumatic Brain Injury in 2019-2020. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 177-178.	3.8	31
15	Point-of-Care Platform Blood Biomarker Testing of Glial Fibrillary Acidic Protein versus S100 Calcium-Binding Protein B for Prediction of Traumatic Brain Injuries: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , 2020, 37, 2460-2467.	1.7	72
16	Monitoring Outcome after Hospital-Presenting Milder Spectrum Pediatric Traumatic Brain Injury Using the Glasgow Outcome Scale-Extended, Pediatric Revision. <i>Journal of Neurotrauma</i> , 2020, 37, 1627-1636.	1.7	7
17	Magnetic resonance–guided stereotactic laser ablation therapy for the treatment of pediatric brain tumors: a multiinstitutional retrospective study. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 13-21.	0.8	14
18	Development of a Model of Hemispheric Hypodensity (‘‘Big Black Brain’’). <i>Journal of Neurotrauma</i> , 2019, 36, 815-833.	1.7	18

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19	Association between plasma GFAP concentrations and MRI abnormalities in patients with CT-negative traumatic brain injury in the TRACK-TBI cohort: a prospective multicentre study. <i>Lancet Neurology</i> , The, 2019, 18, 953-961.	4.9	150
20	Commentary: Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition: Update of the Brain Trauma Foundation Guidelines, Executive Summary. <i>Neurosurgery</i> , 2019, 85, E388-E389.	0.6	0
21	Evaluation of pediatric glioma outcomes using intraoperative MRI: a multicenter cohort study. <i>Journal of Neuro-Oncology</i> , 2019, 143, 271-280.	1.4	20
22	Testing a Multivariate Proteomic Panel for Traumatic Brain Injury Biomarker Discovery: A TRACK-TBI Pilot Study. <i>Journal of Neurotrauma</i> , 2019, 36, 100-110.	1.7	40
23	Considerations for neurosurgeons: recommendations from the CDC Pediatric Mild Traumatic Brain Injury Guideline. <i>Journal of Neurosurgery</i> , 2019, 131, 979-983.	0.9	2
24	Abusive head trauma: evidence, obfuscation, and informed management. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 481-488.	0.8	43
25	Traumatic Brain Injury-Related Symptoms Reported by Parents: Clinical, Imaging, and Host Predictors in Children with Impairments in Consciousness Less than 24 Hours. <i>Journal of Neurotrauma</i> , 2018, 35, 2287-2297.	1.7	3
26	Geographic proximity to specialized pediatric neurosurgical care in the contiguous United States. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 434-438.	0.8	22
27	Diagnosis and Management of Mild Traumatic Brain Injury in Children. <i>JAMA Pediatrics</i> , 2018, 172, e182847.	3.3	106
28	Centers for Disease Control and Prevention Guideline on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children. <i>JAMA Pediatrics</i> , 2018, 172, e182853.	3.3	357
29	Assessment of Follow-up Care After Emergency Department Presentation for Mild Traumatic Brain Injury and Concussion. <i>JAMA Network Open</i> , 2018, 1, e180210.	2.8	119
30	LGG-32. EVALUATION OF PEDIATRIC GLIOMA OUTCOME USING INTRAOPERATIVE MRI: A COHORT STUDY USING I-MIND (IMRIS MULTICENTER iMRI NEUROSURGERY DATABASE). <i>Neuro-Oncology</i> , 2018, 20, i1111-i1111.	0.6	0
31	Cyclic Head Rotations Produce Modest Brain Injury in Infant Piglets. <i>Journal of Neurotrauma</i> , 2017, 34, 235-247.	1.7	28
32	<i>Pediatric Neurotrauma</i> . , 2017, , 311-327.		1
33	Editorial. Sagittal craniosynostosis: what matters to parents?. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 111-112.	0.8	1
34	Update in Pediatric Neurotrauma. <i>Current Trauma Reports</i> , 2016, 2, 222-231.	0.6	4
35	Case 40-2016. <i>New England Journal of Medicine</i> , 2016, 375, 2583-2593.	13.9	0
36	Outcomes following Pediatric Auditory Brainstem Implant Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2016, 155, 133-138.	1.1	29

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37	Comparison of non-sedated brain MRI and CT for the detection of acute traumatic injury in children 6Åyears of age or less. <i>Emergency Radiology</i> , 2016, 23, 325-331.	1.0	29
38	Modeling Pediatric Brain Trauma: Piglet Model of Controlled Cortical Impact. <i>Methods in Molecular Biology</i> , 2016, 1462, 345-356.	0.4	7
39	FreeSurfer is useful for early detection of Rasmussen's encephalitis prior to obvious atrophy. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 209-210.	1.1	6
40	Mitochondrial response in a toddler-aged swine model following diffuse non-impact traumatic brain injury. <i>Mitochondrion</i> , 2016, 26, 19-25.	1.6	26
41	Pre-Clinical Traumatic Brain Injury Common Data Elements: Toward a Common Language Across Laboratories. <i>Journal of Neurotrauma</i> , 2015, 32, 1725-1735.	1.7	86
42	Special considerations in infants and children. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 127, 219-242.	1.0	6
43	Feasibility of âœrapidâ€magnetic resonance imaging in pediatric acute head injury. <i>American Journal of Emergency Medicine</i> , 2015, 33, 887-890.	0.7	32
44	Mitochondrial bioenergetic alterations after focal traumatic brain injury in the immature brain. <i>Experimental Neurology</i> , 2015, 271, 136-144.	2.0	48
45	Biomechanics of head impacts associated with diagnosed concussion in female collegiate ice hockey players. <i>Journal of Biomechanics</i> , 2015, 48, 2201-2204.	0.9	47
46	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 3: Endoscopic computer-assisted electromagnetic navigation and ultrasonography as technical adjuvants for shunt placement. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 24-29.	0.8	36
47	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 6: Preoperative antibiotics for shunt surgery in children with hydrocephalus: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 44-52.	0.8	44
48	Editorial: Do skull fractures matter?. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 203-204.	0.8	0
49	Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. Part 9: Effect of ventricular catheter entry point and position. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 72-76.	0.8	31
50	Foreword: Pediatric hydrocephalus: systematic literature review and evidence-based guidelines. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 1-2.	0.8	6
51	Head impact exposure in male and female collegiate ice hockey players. <i>Journal of Biomechanics</i> , 2014, 47, 109-114.	0.9	86
52	Editorial: The challenge of matching across ages. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 535-536.	0.8	0
53	Gender Differences in Head Impacts Sustained by Collegiate Ice Hockey Players. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 297-304.	0.2	87
54	Spectrum of acute clinical characteristics of diagnosed concussions in college athletes wearing instrumented helmets. <i>Journal of Neurosurgery</i> , 2012, 117, 1092-1099.	0.9	119

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55	Common Data Elements for Research on Traumatic Brain Injury: Pediatric Considerations. <i>Journal of Neurotrauma</i> , 2012, 29, 634-638.	1.7	28
56	Magnitude of Head Impact Exposures in Individual Collegiate Football Players. <i>Journal of Applied Biomechanics</i> , 2012, 28, 174-183.	0.3	99
57	Common Data Elements for Neuroimaging of Traumatic Brain Injury: Pediatric Considerations. <i>Journal of Neurotrauma</i> , 2012, 29, 629-633.	1.7	37
58	Rotational Head Kinematics in Football Impacts: An Injury Risk Function for Concussion. <i>Annals of Biomedical Engineering</i> , 2012, 40, 1-13.	1.3	350
59	Frequency and Location of Head Impact Exposures in Individual Collegiate Football Players. <i>Journal of Athletic Training</i> , 2010, 45, 549-559.	0.9	354
60	Akathisia after mild traumatic head injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 460-464.	0.8	9
61	Common Data Elements in Radiologic Imaging of Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1661-1666.	0.5	214
62	Scaled Cortical Impact in Immature Swine: Effect of Age and Gender on Lesion Volume. <i>Journal of Neurotrauma</i> , 2009, 26, 1943-1951.	1.7	48
63	Abusive Head Trauma. <i>Pediatric Clinics of North America</i> , 2009, 56, 317-331.	0.9	60
64	Classification of Traumatic Brain Injury for Targeted Therapies. <i>Journal of Neurotrauma</i> , 2008, 25, 719-738.	1.7	930
65	Quick-brain magnetic resonance imaging for nonhydrocephalus indications. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 438-444.	0.8	42
66	Maturation-Dependent Response of the Immature Brain to Experimental Subdural Hematoma. <i>Journal of Neurotrauma</i> , 2007, 24, 5-14.	1.7	32
67	Traumatic brain injury in infants: the phenomenon of subdural hemorrhage with hemispheric hypodensity (‘‘Big Black Brain’’). <i>Progress in Brain Research</i> , 2007, 161, 293-302.	0.9	117
68	Large Animal Models of Traumatic Injury to the Immature Brain. <i>Developmental Neuroscience</i> , 2006, 28, 380-387.	1.0	83
69	Evaluation and Management of Shunt Infections in Children with Hydrocephalus. <i>Clinical Pediatrics</i> , 2006, 45, 705-713.	0.4	43
70	Traumatic brain injury in piglets of different ages: techniques for lesion analysis using histology and magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2003, 123, 201-206.	1.3	44
71	Magnetic resonance imaging studies of age-dependent responses to scaled focal brain injury in the piglet. <i>Journal of Neurosurgery</i> , 2003, 99, 542-548.	0.9	51
72	Overview and clinical presentation of inflicted head injury in infants. <i>Neurosurgery Clinics of North America</i> , 2002, 13, 149-154.	0.8	10

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73	CHOP Infant Coma Scale ("Infant Face Scale"): A Novel Coma Scale for Children Less than Two Years of Age. <i>Journal of Neurotrauma</i> , 2000, 17, 729-737.	1.7	97
74	Maturation-dependent response of the piglet brain to scaled cortical impact. <i>Journal of Neurosurgery</i> , 2000, 93, 455-462.	0.9	145
75	Long-Term Outcome in Infants with the Shaking-Impact Syndrome. <i>Pediatric Neurosurgery</i> , 1996, 24, 292-298.	0.4	197
76	Crush Injuries to the Head in Children. <i>Neurosurgery</i> , 1995, 37, 401-407.	0.6	45