

Caroline Hartley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6214721/publications.pdf>

Version: 2024-02-01

39
papers

1,088
citations

471509

17
h-index

434195

31
g-index

48
all docs

48
docs citations

48
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	fMRI reveals neural activity overlap between adult and infant pain. <i>ELife</i> , 2015, 4, .	6.0	161
2	A tool for functional brain imaging with lifespan compliance. <i>Nature Communications</i> , 2019, 10, 4785.	12.8	96
3	Analgesic efficacy and safety of morphine in the Procedural Pain in Premature Infants (Poppi) study: randomised placebo-controlled trial. <i>Lancet, The</i> , 2018, 392, 2595-2605.	13.7	81
4	Nociceptive brain activity as a measure of analgesic efficacy in infants. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	74
5	Stroking modulates noxious-evoked brain activity in human infants. <i>Current Biology</i> , 2018, 28, R1380-R1381.	3.9	67
6	Caffeine in preterm infants: where are we in 2020?. <i>ERJ Open Research</i> , 2020, 6, 00330-2019.	2.6	56
7	The relationship between nociceptive brain activity, spinal reflex withdrawal and behaviour in newborn infants. <i>Scientific Reports</i> , 2015, 5, 12519.	3.3	55
8	The influence of the descending pain modulatory system on infant pain-related brain activity. <i>ELife</i> , 2018, 7, .	6.0	46
9	Neurophysiological measures of nociceptive brain activity in the newborn infant – the next steps. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 238-242.	1.5	43
10	Improving the treatment of infant pain. <i>Current Opinion in Supportive and Palliative Care</i> , 2017, 11, 112-117.	1.3	36
11	Changing Balance of Spinal Cord Excitability and Nociceptive Brain Activity in Early Human Development. <i>Current Biology</i> , 2016, 26, 1998-2002.	3.9	34
12	Behavioural discrimination of noxious stimuli in infants is dependent on brain maturation. <i>Pain</i> , 2019, 160, 493-500.	4.2	33
13	Long-Range Temporal Correlations in the EEG Bursts of Human Preterm Babies. <i>PLoS ONE</i> , 2012, 7, e31543.	2.5	26
14	Nociception and the neonatal brain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 101016.	2.3	24
15	Identification of Criticality in Neuronal Avalanches: I. A Theoretical Investigation of the Non-driven Case. <i>Journal of Mathematical Neuroscience</i> , 2013, 3, 5.	2.4	22
16	Birth experience in newborn infants is associated with changes in nociceptive sensitivity. <i>Scientific Reports</i> , 2019, 9, 4117.	3.3	21
17	Electroencephalography during general anaesthesia differs between term-born and premature-born children. <i>Clinical Neurophysiology</i> , 2016, 127, 1216-1222.	1.5	20
18	Noxious stimulation in children receiving general anaesthesia evokes an increase in delta frequency brain activity. <i>Pain</i> , 2014, 155, 2368-2376.	4.2	19

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19	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 625-631.	3.0	19
20	Multimodal pain assessment improves discrimination between noxious and non-noxious stimuli in infants. <i>Paediatric and Neonatal Pain</i> , 2019, 1, 21-30.	1.7	19
21	Quantifying noxious-evoked baseline sensitivity in neonates to optimise analgesic trials. <i>ELife</i> , 2021, 10, .	6.0	15
22	Identification of Criticality in Neuronal Avalanches: II. A Theoretical and Empirical Investigation of the Driven Case. <i>Journal of Mathematical Neuroscience</i> , 2014, 4, 9.	2.4	12
23	A universal right to pain relief: balancing the risks in a vulnerable patient population. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 62-64.	5.6	10
24	Predicting severity of adverse cardiorespiratory effects of morphine in premature infants: a post hoc analysis of Procedural Pain in Premature Infants trial data. <i>British Journal of Anaesthesia</i> , 2021, 126, e133-e135.	3.4	10
25	Apnoea of Prematurity and Neurodevelopmental Outcomes: Current Understanding and Future Prospects for Research. <i>Frontiers in Pediatrics</i> , 2021, 9, 755677.	1.9	10
26	A blinded randomised placebo-controlled trial investigating the efficacy of morphine analgesia for procedural pain in infants: Trial protocol. <i>Wellcome Open Research</i> , 2016, 1, 7.	1.8	9
27	A blinded randomised placebo-controlled trial investigating the efficacy of morphine analgesia for procedural pain in infants: Trial protocol. <i>Wellcome Open Research</i> , 0, 1, 7.	1.8	8
28	Oral morphine analgesia for preventing pain during invasive procedures in non-ventilated premature infants in hospital: the Poppi RCT. <i>Efficacy and Mechanism Evaluation</i> , 2019, 6, 1-98.	0.7	8
29	Premature infants display discriminable behavioral, physiological, and brain responses to noxious and nonnoxious stimuli. <i>Cerebral Cortex</i> , 2022, 32, 3799-3815.	2.9	8
30	Temporal ordering of input modulates connectivity formation in a developmental neuronal network model of the cortex. <i>PLoS ONE</i> , 2020, 15, e0226772.	2.5	7
31	New method to measure interbreath intervals in infants for the assessment of apnoea and respiration. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001042.	3.0	6
32	Using changes in brain activity to assess pain-relief in infants: Methodological considerations with Benoit et al. (2021). <i>Early Human Development</i> , 2021, 157, 105361.	1.8	4
33	Early life inflammation is associated with spinal cord excitability and nociceptive sensitivity in human infants. <i>Nature Communications</i> , 2022, 13, .	12.8	4
34	Toward personalized medicine for pharmacological interventions in neonates using vital signs. <i>Paediatric and Neonatal Pain</i> , 2021, 3, 147-155.	1.7	3
35	Online options for future conferences will have an important positive impact for Early Career Researchers in pediatric pain. <i>Paediatric and Neonatal Pain</i> , 2021, 3, 9-11.	1.7	2
36	Neuroimaging of Paediatric Pain. , 2017, , 485-506.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 15, e0226772.		0
38	Title is missing!. , 2020, 15, e0226772.		0
39	Title is missing!.. , 2020, 15, e0226772.		0