

Caroline Hartley

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,088
citations

471061

17
h-index

433756

31
g-index

48
all docs

48
docs citations

48
times ranked

1019
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Premature infants display discriminable behavioral, physiological, and brain responses to noxious and nonnoxious stimuli. <i>Cerebral Cortex</i> , 2022, 32, 3799-3815. | 1.6 | 8 |
| 2 | Early life inflammation is associated with spinal cord excitability and nociceptive sensitivity in human infants. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 4 |
| 3 | 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. | 1.5 | 10 |
| 4 | Quantifying noxious-evoked baseline sensitivity in neonates to optimise analgesic trials. <i>ELife</i> , 2021, 10, . | 2.8 | 15 |
| 5 | 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. | 0.8 | 4 |
| 6 | Apnoea of Prematurity and Neurodevelopmental Outcomes: Current Understanding and Future Prospects for Research. <i>Frontiers in Pediatrics</i> , 2021, 9, 755677. | 0.9 | 10 |
| 7 | 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. | 0.6 | 2 |
| 8 | Toward personalized medicine for pharmacological interventions in neonates using vital signs. <i>Paediatric and Neonatal Pain</i> , 2021, 3, 147-155. | 0.6 | 3 |
| 9 | New method to measure interbreath intervals in infants for the assessment of apnoea and respiration. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001042. | 1.2 | 6 |
| 10 | Temporal ordering of input modulates connectivity formation in a developmental neuronal network model of the cortex. <i>PLoS ONE</i> , 2020, 15, e0226772. | 1.1 | 7 |
| 11 | Caffeine in preterm infants: where are we in 2020?. <i>ERJ Open Research</i> , 2020, 6, 00330-2019. | 1.1 | 56 |
| 12 | Title is missing!. , 2020, 15, e0226772. | | 0 |
| 13 | Title is missing!. , 2020, 15, e0226772. | | 0 |
| 14 | Title is missing!. , 2020, 15, e0226772. | | 0 |
| 15 | Behavioural discrimination of noxious stimuli in infants is dependent on brain maturation. <i>Pain</i> , 2019, 160, 493-500. | 2.0 | 33 |
| 16 | A tool for functional brain imaging with lifespan compliance. <i>Nature Communications</i> , 2019, 10, 4785. | 5.8 | 96 |
| 17 | Nociception and the neonatal brain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 101016. | 1.1 | 24 |
| 18 | Birth experience in newborn infants is associated with changes in nociceptive sensitivity. <i>Scientific Reports</i> , 2019, 9, 4117. | 1.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Multimodal pain assessment improves discrimination between noxious and non-noxious stimuli in infants. <i>Paediatric and Neonatal Pain</i> , 2019, 1, 21-30. | 0.6 | 19 |
| 20 | 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. | 2.7 | 10 |
| 21 | 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. | 0.9 | 8 |
| 22 | Stroking modulates noxious-evoked brain activity in human infants. <i>Current Biology</i> , 2018, 28, R1380-R1381. | 1.8 | 67 |
| 23 | Analgesic efficacy and safety of morphine in the Procedural Pain in Premature Infants (Poppi) study: randomised placebo-controlled trial. <i>Lancet</i> , 2018, 392, 2595-2605. | 6.3 | 81 |
| 24 | The influence of the descending pain modulatory system on infant pain-related brain activity. <i>ELife</i> , 2018, 7, . | 2.8 | 46 |
| 25 | Nociceptive brain activity as a measure of analgesic efficacy in infants. <i>Science Translational Medicine</i> , 2017, 9, . | 5.8 | 74 |
| 26 | Neuroimaging of Paediatric Pain. , 2017, , 485-506. | | 0 |
| 27 | Improving the treatment of infant pain. <i>Current Opinion in Supportive and Palliative Care</i> , 2017, 11, 112-117. | 0.5 | 36 |
| 28 | 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. | 1.9 | 19 |
| 29 | Changing Balance of Spinal Cord Excitability and Nociceptive Brain Activity in Early Human Development. <i>Current Biology</i> , 2016, 26, 1998-2002. | 1.8 | 34 |
| 30 | Electroencephalography during general anaesthesia differs between term-born and premature-born children. <i>Clinical Neurophysiology</i> , 2016, 127, 1216-1222. | 0.7 | 20 |
| 31 | 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. | 0.9 | 9 |
| 32 | The relationship between nociceptive brain activity, spinal reflex withdrawal and behaviour in newborn infants. <i>Scientific Reports</i> , 2015, 5, 12519. | 1.6 | 55 |
| 33 | fMRI reveals neural activity overlap between adult and infant pain. <i>ELife</i> , 2015, 4, . | 2.8 | 161 |
| 34 | 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. | 0.7 | 43 |
| 35 | 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 |
| 36 | Noxious stimulation in children receiving general anaesthesia evokes an increase in delta frequency brain activity. <i>Pain</i> , 2014, 155, 2368-2376. | 2.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | Long-Range Temporal Correlations in the EEG Bursts of Human Preterm Babies. <i>PLoS ONE</i> , 2012, 7, e31543. | 1.1 | 26 |
| 39 | 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. | 0.9 | 8 |