

# Brigitte Vollmer

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

517  
citations

840776

11  
h-index

713466

21  
g-index

44  
all docs

44  
docs citations

44  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and interpretation of microstructural abnormalities in motor pathways in adolescents born preterm. <i>NeuroImage</i> , 2014, 87, 209-219.	4.2	92
2	Nutrition and neurodevelopmental outcomes in preterm infants: a systematic review. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 587-599.	1.5	62
3	Systematic review: long-term cognitive and behavioural outcomes of neonatal hypoxic-ischaemic encephalopathy in children without cerebral palsy. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 20-30.	1.5	58
4	Correlation between white matter microstructure and executive functions suggests early developmental influence on long fibre tracts in preterm born adolescents. <i>PLoS ONE</i> , 2017, 12, e0178893.	2.5	56
5	School Age Neurological and Cognitive Outcomes of Fetal Growth Retardation or Small for Gestational Age Birth Weight. <i>Frontiers in Endocrinology</i> , 2019, 10, 186.	3.5	35
6	Dissociation of brain areas associated with force production and stabilization during manipulation of unstable objects. <i>Experimental Brain Research</i> , 2011, 215, 359-367.	1.5	32
7	Minor neurological dysfunction and associations with motor function, general cognitive abilities, and behaviour in children born extremely preterm. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 826-832.	2.1	29
8	Evidence of validity in a new method for measurement of dexterity in children and adolescents. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 948-954.	2.1	20
9	Minor neurological signs and behavioural function at age 2 years in neonatal hypoxic ischaemic encephalopathy (HIE). <i>European Journal of Paediatric Neurology</i> , 2020, 27, 78-85.	1.6	16
10	Extended three-dimensional rotation invariant local binary patterns. <i>Image and Vision Computing</i> , 2017, 62, 8-18.	4.5	14
11	Fetal stroke and cerebrovascular disease. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 989-1005.	1.6	14
12	Young Adult Motor, Sensory, and Cognitive Outcomes and Longitudinal Development after Very and Extremely Preterm Birth. <i>Neuropediatrics</i> , 2019, 50, 219-227.	0.6	12
13	Weaning oxygen in infants with bronchopulmonary dysplasia. <i>Paediatric Respiratory Reviews</i> , 2021, 39, 82-89.	1.8	12
14	Children with neonatal Hypoxic Ischaemic Encephalopathy (HIE) treated with therapeutic hypothermia are not as school ready as their peers. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2756-2765.	1.5	12
15	Severity of retinopathy of prematurity was associated with a higher risk of cerebral dysfunction in young adults born extremely preterm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 528-536.	1.5	8
16	Antenatal counselling for prospective parents whose fetus has a neurological anomaly: part 2, risks of adverse outcome in common anomalies. <i>Developmental Medicine and Child Neurology</i> , 2021, , .	2.1	8
17	Antenatal counselling for prospective parents whose fetus has a neurological anomaly: part 1, experiences and recommendations for service design. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 14-22.	2.1	7
18	Predictive validity of a qualitative and quantitative Prechtl's General Movements Assessment at term age: Comparison between preterm infants and term infants with HIE. <i>Early Human Development</i> , 2021, 161, 105449.	1.8	7

#	ARTICLE	IF	CITATIONS
19	Neonatal hypoxic-ischaemic encephalopathy: Motor impairment beyond cerebral palsy. European Journal of Paediatric Neurology, 2021, 35, 74-81.	1.6	7
20	Prediction of Cerebral Palsy in Newborns With Hypoxic-Ischemic Encephalopathy Using Multivariate EEG Analysis and Machine Learning. IEEE Access, 2021, 9, 137833-137846.	4.2	5
21	Cognitive Outcome Prediction in Infants With Neonatal Hypoxic-Ischemic Encephalopathy Based on Functional Connectivity and Complexity of the Electroencephalography Signal. Frontiers in Human Neuroscience, 2021, 15, 795006.	2.0	3
22	Neonatal neurology: bridging the gap. Developmental Medicine and Child Neurology, 2019, 61, 5-5.	2.1	2
23	Management of chronic pain in newborn infants. Developmental Medicine and Child Neurology, 2020, 62, 272-272.	2.1	2
24	Severe neonatal hypoxic-ischaemic brain injury: still an important cause of infantile spasms. Developmental Medicine and Child Neurology, 2020, 62, 9-9.	2.1	1
25	Training in neonatal neurocritical care: a proposal for a hybrid model of competence by design and time-based methods. Pediatric Research, 2021, , .	2.3	1
26	Ridge Detection and Analysis of Susceptibility-Weighted Magnetic Resonance Imaging in Neonatal Hypoxic-Ischaemic Encephalopathy. Communications in Computer and Information Science, 2020, , 307-318.	0.5	1
27	Hypoxic-Ischaemic Encephalopathy Prognosis using Susceptibility Weighted Image Analysis based on Histogram Orientation Gradient. , 2022, , .		1
28	Topography matters in neonatal periventricular haemorrhagic infarction. Developmental Medicine and Child Neurology, 2014, 56, 510-511.	2.1	0
29	Apolipoprotein E gene polymorphisms: a risk factor for preterm brain injury?. Developmental Medicine and Child Neurology, 2019, 61, 287-287.	2.1	0
30	The Hammersmith Infant Neurological Examination: concern about low scores in typically developing term born infants. Journal of Pediatrics, 2022, , .	1.8	0