

Katrin Klebermass-Schrehof

List of Publications by Year in descending order

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72
papers

2,115
citations

201674
27
h-index

254184
43
g-index

74
all docs

74
docs citations

74
times ranked

1992
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring of carbon dioxide in ventilated neonates: a prospective observational study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 293-298.	2.8	2
2	A novel magnetic resonance imaging-based scoring system to predict outcome in neonates born preterm with intraventricular haemorrhage. Developmental Medicine and Child Neurology, 2022, 64, 608-617.	2.1	12
3	The Effect of Altitude on Birthweight/Length Ratio: A Population-Based Study Over 36 Years in an Altitude Range from Sea Level to 1,700m. High Altitude Medicine and Biology, 2022, 23, 90-95.	0.9	2
4	Different from the Beginning: WM Maturity of Female and Male Extremely Preterm Neonates—A Quantitative MRI Study. American Journal of Neuroradiology, 2022, 43, 611-619.	2.4	7
5	Validity of SyMRI for Assessment of the Neonatal Brain. Clinical Neuroradiology, 2021, 31, 315-323.	1.9	8
6	Impact of Prematurity on the Tissue Properties of the Neonatal Brain Stem: A Quantitative MR Approach. American Journal of Neuroradiology, 2021, 42, 581-589.	2.4	5
7	Early life serum neurofilament dynamics predict neurodevelopmental outcome of preterm infants. Journal of Neurology, 2021, 268, 2570-2577.	3.6	14
8	Considerable mortality and morbidity in neonates born below 500g. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 2359-2365.	1.5	3
9	Longitudinal Reference Values for Cerebral Ventricular Size in Preterm Infants Born at 23-27 Weeks of Gestation. Journal of Pediatrics, 2021, 238, 110-117.e2.	1.8	6
10	Impact of a Multifactorial Educational Training on the Management of Preterm Infants in the Central-Eastern European Region. Frontiers in Pediatrics, 2021, 9, 700226.	1.9	2
11	Bilateral lung transplantation during pregnancy after ECMO for influenza-A caused ARDS. American Journal of Transplantation, 2021, 21, 3456-3460.	4.7	4
12	Accent discrimination abilities during the first days of life: An fNIRS study. Brain and Language, 2021, 223, 105039.	1.6	5
13	A Mixed-Lipid Emulsion Containing Fish Oil for the Parenteral Nutrition of Preterm Infants: No Impact on Visual Neuronal Conduction. Nutrients, 2021, 13, 4241.	4.1	0
14	Association between Fat-Free Mass and Brain Size in Extremely Preterm Infants. Nutrients, 2021, 13, 4205.	4.1	13
15	Reliability and accuracy of EEG interpretation for estimating age in preterm infants. Annals of Clinical and Translational Neurology, 2020, 7, 1564-1573.	3.7	11
16	Maternal altitude and risk of low birthweight: A systematic review and meta-analyses. Placenta, 2020, 101, 124-131.	1.5	16
17	Automated cot-side tracking of functional brain age in preterm infants. Annals of Clinical and Translational Neurology, 2020, 7, 891-902.	3.7	33
18	SyMRI detects delayed myelination in preterm neonates. European Radiology, 2019, 29, 7063-7072.	4.5	21

#	ARTICLE	IF	CITATIONS
19	Neonatal Seizuresâ€”Are We there Yet?. <i>Neuropediatrics</i> , 2019, 50, 280-293.	0.6	43
20	Effect of allopurinol in addition to hypothermia treatment in neonates for hypoxic-ischemic brain injury on neurocognitive outcome (ALBINO): study protocol of a blinded randomized placebo-controlled parallel group multicenter trial for superiority (phase III). <i>BMC Pediatrics</i> , 2019, 19, 210.	1.7	40
21	Absence of neural speech discrimination in preterm infants at term-equivalent age. <i>Developmental Cognitive Neuroscience</i> , 2019, 39, 100679.	4.0	19
22	A Mixed Lipid Emulsion Containing Fish Oil and Its Effect on Electrophysiological Brain Maturation in Infants of Extremely Low Birth Weight: A Secondary Analysis of a Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2019, 211, 46-53.e2.	1.8	7
23	The Impact of Norms on the Outcome of Children Born Very-Preterm when Using the Bayley-III: Differences between US and German Norms. <i>Neonatology</i> , 2019, 116, 29-36.	2.0	22
24	Microvessel ultrasound of neonatal brain parenchyma: feasibility, reproducibility, and normal imaging features by superb microvascular imaging (SMI). <i>European Radiology</i> , 2019, 29, 2127-2136.	4.5	32
25	Fiveâ€country manikin study found that neonatologists preferred using the <scp>LISA</scp> cath rather than the Angiocath for less invasive surfactant administration. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 780-783.	1.5	20
26	Discrepancy between invasive and non-invasive blood pressure readings in extremely preterm infants in the first four weeks of life. <i>PLoS ONE</i> , 2018, 13, e0209831.	2.5	5
27	The impact of extrauterine life on visual maturation in extremely preterm born infants. <i>Pediatric Research</i> , 2018, 84, 403-410.	2.3	14
28	Fetal/neonatal Thyrotoxicosis in a Newborn From a Hypothyroid Woman With Hashimotoâ€™s Thyroiditis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2999.	3.6	27
29	Student peer teaching in paediatric simulation training is a feasible lowâ€cost alternative for education. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 995-1000.	1.5	19
30	Automated classification of neonatal sleep states using EEG. <i>Clinical Neurophysiology</i> , 2017, 128, 1100-1108.	1.5	69
31	Differences in attentional functioning between preterm and fullâ€term children underline the importance of new neuropsychological detection techniques. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 601-611.	1.5	9
32	Biometry of the corpus callosum assessed by 3D ultrasound and its correlation to neurodevelopmental outcome in very low birth weight infants. <i>Journal of Perinatology</i> , 2017, 37, 448-453.	2.0	10
33	Are All Amplitude-Integrated Electroencephalogram Systems Equal?. <i>Neonatology</i> , 2017, 112, 394-401.	2.0	10
34	Functional maturation in preterm infants measured by serial recording of cortical activity. <i>Scientific Reports</i> , 2017, 7, 12969.	3.3	38
35	Prediction of Outcome in Neonates with Hypoxic-Ischemic Encephalopathy II: Role of Amplitude-Integrated Electroencephalography and Cerebral Oxygen Saturation Measured by Near-Infrared Spectroscopy. <i>Neonatology</i> , 2017, 112, 193-202.	2.0	55
36	Hemophagocytic lymphohistiocytosis triggered by Gaucher disease in a preterm neonate. <i>Pediatric Hematology and Oncology</i> , 2016, 33, 462-467.	0.8	9

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37	Decompressing posthaemorrhagic ventricular dilatation significantly improves regional cerebral oxygen saturation in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 663-669.	1.5	31
38	Being Born Small for Gestational Age Influences Amplitude-Integrated Electroencephalography and Later Outcome in Preterm Infants. <i>Neonatology</i> , 2015, 108, 81-87.	2.0	15
39	Management of Hypothermia for Perinatal Asphyxia in Austria – a Survey of Current Practice Standards. <i>Klinische Padiatrie</i> , 2015, 227, 10-14.	0.6	11
40	Correction: Management of Hypothermia for Perinatal Asphyxia in Austria – a Survey of Current Practice Standards. <i>Klinische Padiatrie</i> , 2015, 227, e1-e1.	0.6	2
41	The impact of altitude on birth weight depends on further mother- and infant-related factors: a population-based study in an altitude range up to 1600m in Austria between 1984 and 2013. <i>Journal of Perinatology</i> , 2015, 35, 689-694.	2.0	22
42	Erythropoietin for the Repair of Cerebral Injury in Very Preterm Infants (EpoRepair). <i>Neonatology</i> , 2015, 108, 198-204.	2.0	22
43	Preterm infants who later require duct ligation show different vital signs and pH in early postnatal life. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, e7-e13.	1.5	10
44	The plasma activities of lysosomal enzymes in infants with necrotizing enterocolitis: New promising class of biomarkers?. <i>Clinica Chimica Acta</i> , 2015, 438, 279-283.	1.1	4
45	Neonatales Abstinenzsyndrom bei europäischen und nordamerikanischen Neugeborenen: Unterschiede im klinischen Verlauf an Hand von Daten einer prospektiven randomisierten Studie. <i>Klinische Padiatrie</i> , 2014, 226, 274-280.	0.6	10
46	Amplitude-integrated electroencephalography shows that doxapram influences the brain activity of preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 922-927.	1.5	17
47	Intravenous Sildenafil i.v. as Rescue Treatment for Refractory Pulmonary Hypertension in Extremely Preterm Infants. <i>Klinische Padiatrie</i> , 2014, 226, 211-215.	0.6	22
48	The early prediction of neonatal morbidity and mortality in singleton small for gestational age infants with a birthweight <1,500g. <i>Wiener Klinische Wochenschrift</i> , 2013, 125, 386-392.	1.9	2
49	Less Invasive Surfactant Administration in Extremely Preterm Infants: Impact on Mortality and Morbidity. <i>Neonatology</i> , 2013, 103, 252-258.	2.0	118
50	Can neurophysiological assessment improve timing of intervention in posthaemorrhagic ventricular dilatation?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013, 98, F291-F297.	2.8	44
51	Amplitude-integrated electroencephalography in male newborns <30 weeks of gestation and unfavourable neurodevelopmental outcome at three years is less mature when compared to females. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013, 102, e443-e448.	1.5	7
52	Preterm neonates display altered plasmacytoid dendritic cell function and morphology. <i>Journal of Leukocyte Biology</i> , 2013, 93, 781-788.	3.3	40
53	Regional cortical development in very low birth weight infants with normal neurodevelopmental outcome assessed by 3D-ultrasound. <i>Journal of Perinatology</i> , 2013, 33, 533-537.	2.0	4
54	The Effect of an Osmotic Contrast Agent on Complete Meconium Evacuation in Preterm Infants. <i>Pediatrics</i> , 2012, 130, e1600-e1606.	2.1	32

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55	Are fetuses with isolated echogenic bowel at higher risk for an adverse pregnancy outcome? Experiences from a tertiary referral center. <i>Prenatal Diagnosis</i> , 2012, 32, 1295-1299.	2.3	28
56	Impact of low-grade intraventricular hemorrhage on long-term neurodevelopmental outcome in preterm infants. <i>Child's Nervous System</i> , 2012, 28, 2085-2092.	1.1	102
57	Amplitude-Integrated EEG Pattern Predicts Further Outcome in Preterm Infants. <i>Pediatric Research</i> , 2011, 70, 102-108.	2.3	118
58	Comparison of neonatal MRI examinations with and without an MR-compatible incubator: Advantages in examination feasibility and clinical decision-making. <i>European Journal of Paediatric Neurology</i> , 2010, 14, 410-417.	1.6	22
59	Type 1 diabetes and epilepsy: Efficacy and safety of the ketogenic diet. <i>Epilepsia</i> , 2010, 51, 1086-1089.	5.1	30
60	Cerebrospinal fluid drainage in posthaemorrhagic ventricular dilatation leads to improvement in amplitude-integrated electroencephalographic activity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1002-1009.	1.5	30
61	Intrauterine infection with <i>Ureaplasma</i> species is associated with adverse neuromotor outcome at 1 and 2 years adjusted age in preterm infants. <i>Journal of Perinatal Medicine</i> , 2009, 37, 72-8.	1.4	62
62	Small Volume Enemas Do Not Accelerate Meconium Evacuation in Very Low Birth Weight Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 44, 270-273.	1.8	33
63	Background patterns and sleep-wake cycles on amplitude-integrated electroencephalography in preterms younger than 30 weeks gestational age with periventricular intraventricular haemorrhage. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 1743-1750.	1.5	88
64	Effects of a Combined Therapy of Erythropoietin, Iron, Folate, and Vitamin B12 on the Transfusion Requirements of Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2006, 118, 2004-2013.	2.1	51
65	Intra- and Extrauterine Maturation of Amplitude-Integrated Electroencephalographic Activity in Preterm Infants Younger than 30 Weeks of Gestation. <i>Neonatology</i> , 2006, 89, 120-125.	2.0	51
66	A Randomized, Controlled Trial of the Effects of Adding Vitamin B12 and Folate to Erythropoietin for the Treatment of Anemia of Prematurity. <i>Pediatrics</i> , 2006, 118, 180-188.	2.1	71
67	3-D ultrasonographic imaging of the cerebral ventricular system in very low birth weight infants. <i>Ultrasound in Medicine and Biology</i> , 2005, 31, 7-14.	1.5	27
68	Mortality and morbidity in extremely preterm infants (22 to 26 weeks of gestation): Austria 1999-2001. <i>Wiener Klinische Wochenschrift</i> , 2005, 117, 740-746.	1.9	32
69	Progressive posthemorrhagic hydrocephalus leads to changes of amplitude-integrated EEG activity in preterm infants. <i>Child's Nervous System</i> , 2004, 20, 41-45.	1.1	42
70	Reference Values for Amplitude-Integrated Electroencephalographic Activity in Preterm Infants Younger Than 30 Weeks' Gestational Age. <i>Pediatrics</i> , 2004, 113, e61-e66.	2.1	151
71	Evaluation of the Cerebral Function Monitor as a tool for neurophysiological surveillance in neonatal intensive care patients. <i>Child's Nervous System</i> , 2001, 17, 544-550.	1.1	42
72	Perinatal mortality and morbidity. <i>Archives of Gynecology and Obstetrics</i> , 2001, 265, 113-118.	1.7	106