

Damjan Osredkar

List of Publications by Year in descending order

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67
papers

1,438
citations

471509

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345221

36
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docs citations

67
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep-Wake Cycling on Amplitude-Integrated Electroencephalography in Term Newborns With Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2005, 115, 327-332.	2.1	188
2	Recovery of amplitude integrated electroencephalographic background patterns within 24 hours of perinatal asphyxia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 90, F245-f251.	2.8	140
3	Postneonatal epilepsy following amplitude-integrated EEG-detected neonatal seizures. <i>Pediatric Neurology</i> , 2005, 32, 241-247.	2.1	115
4	Hypothermia is not neuroprotective after infection-sensitized neonatal hypoxic-ischemic brain injury. <i>Resuscitation</i> , 2014, 85, 567-572.	3.0	101
5	Newborn screening programs for spinal muscular atrophy worldwide: Where we stand and where to go. <i>Neuromuscular Disorders</i> , 2021, 31, 574-582.	0.6	94
6	Treatment temperature and insult severity influence the neuroprotective effects of therapeutic hypothermia. <i>Scientific Reports</i> , 2016, 6, 23430.	3.3	79
7	Erythropoietin promotes hippocampal neurogenesis in in vitro models of neonatal stroke. <i>Neurobiology of Disease</i> , 2010, 38, 259-265.	4.4	63
8	HIF-1 α -Deficient Mice Have Increased Brain Injury after Neonatal Hypoxia-Ischemia. <i>Developmental Neuroscience</i> , 2009, 31, 452-458.	2.0	60
9	Amplitude-Integrated Electroencephalography Improves the Identification of Infants with Encephalopathy for Therapeutic Hypothermia and Predicts Neurodevelopmental Outcomes at 2 Years of Age. <i>Journal of Pediatrics</i> , 2017, 187, 34-42.	1.8	49
10	Hypothermia Does Not Reverse Cellular Responses Caused by Lipopolysaccharide in Neonatal Hypoxic-Ischaemic Brain Injury. <i>Developmental Neuroscience</i> , 2015, 37, 390-397.	2.0	45
11	Hypothermic Neuronal Rescue from Infection-Sensitised Hypoxic-Ischaemic Brain Injury Is Pathogen Dependent. <i>Developmental Neuroscience</i> , 2017, 39, 238-247.	2.0	42
12	Early onset West syndrome with severe hypomyelination and coloboma-like optic discs in a girl with <i>SPTAN1</i> mutation. <i>Epilepsia</i> , 2012, 53, e106-10.	5.1	34
13	Variability and sex-dependence of hypothermic neuroprotection in a rat model of neonatal hypoxic-ischaemic brain injury: a single laboratory meta-analysis. <i>Scientific Reports</i> , 2020, 10, 10833.	3.3	32
14	Xenon Combined with Therapeutic Hypothermia Is Not Neuroprotective after Severe Hypoxia-Ischemia in Neonatal Rats. <i>PLoS ONE</i> , 2016, 11, e0156759.	2.5	31
15	Cannabidiol for treatment of refractory childhood epilepsies: Experience from a single tertiary epilepsy center in Slovenia. <i>Epilepsy and Behavior</i> , 2018, 81, 79-85.	1.7	29
16	Neonatal Systemic Inflammation Induces Inflammatory Reactions and Brain Apoptosis in a Pathogen-Specific Manner. <i>Neonatology</i> , 2018, 113, 212-220.	2.0	28
17	A Comparison of Respiratory Patterns in Healthy Term Infants Placed in Car Safety Seats and Beds. <i>Pediatrics</i> , 2009, 124, e396-e402.	2.1	25
18	Children and young adults with spinal muscular atrophy treated with nusinersen. <i>European Journal of Paediatric Neurology</i> , 2021, 30, 1-8.	1.6	25

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19	Health-related quality of life in children and adolescents with cerebral palsy. <i>Zdravstveno Varstvo</i> , 2017, 56, 1-10.	0.9	20
20	Exercise Overrides Blunted Hypoxic Ventilatory Response in Prematurely Born Men. <i>Frontiers in Physiology</i> , 2019, 10, 437.	2.8	20
21	Recording conventional and amplitude-integrated EEG in neonatal intensive care unit. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 405-416.	1.6	18
22	Hypothermia Is Neuroprotective after Severe Hypoxic-Ischaemic Brain Injury in Neonatal Rats Pre-Exposed to PAM3CSK4. <i>Developmental Neuroscience</i> , 2018, 40, 189-197.	2.0	18
23	Spinal Muscular Atrophy after Nusinersen Therapy: Improved Physiology in Pediatric Patients with No Significant Change in Urine, Serum, and Liquor ¹ H-NMR Metabolomes in Comparison to an Age-Matched, Healthy Cohort. <i>Metabolites</i> , 2021, 11, 206.	2.9	16
24	Effects of Xenon and Hypothermia on Cerebrovascular Pressure Reactivity in Newborn Global Hypoxic-ischemic Pig Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1752-1760.	4.3	14
25	Monitoring of cerebral blood flow during hypoxia-ischemia and resuscitation in the neonatal rat using laser speckle imaging. <i>Physiological Reports</i> , 2016, 4, e12749.	1.7	13
26	Diagnostic efficacy and new variants in isolated and complex autism spectrum disorder using molecular karyotyping. <i>Journal of Applied Genetics</i> , 2018, 59, 179-185.	1.9	12
27	Effect of pre-term birth on oxidative stress responses to normoxic and hypoxic exercise. <i>Redox Biology</i> , 2020, 32, 101497.	9.0	12
28	Letter to the Editor. <i>Journal of Paediatrics and Child Health</i> , 2005, 41, 460-460.	0.8	10
29	Relationship between cardiorespiratory phase coherence during hypoxia and genetic polymorphism in humans. <i>Journal of Physiology</i> , 2020, 598, 2001-2019.	2.9	10
30	Prevalence and genetic subtypes of congenital myasthenic syndromes in the pediatric population of Slovenia. <i>European Journal of Paediatric Neurology</i> , 2020, 26, 34-38.	1.6	8
31	Cardio-respiratory, oxidative stress and acute mountain sickness responses to normobaric and hypobaric hypoxia in prematurely born adults. <i>European Journal of Applied Physiology</i> , 2020, 120, 1341-1355.	2.5	8
32	Adaptive skills and mental health in children and adolescents with neuromuscular diseases. <i>European Journal of Paediatric Neurology</i> , 2021, 30, 134-143.	1.6	8
33	The impact of birthweight on the development of cerebral palsy: A population-based matched case-control study. <i>Early Human Development</i> , 2022, 165, 105533.	1.8	8
34	Epidemiological and clinical characteristics of multiple sclerosis in paediatric population in Slovenia: A descriptive nation-wide study. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 18, 56-59.	2.0	7
35	Diagnostic yield of exome sequencing in myopathies: Experience of a Slovenian tertiary centre. <i>PLoS ONE</i> , 2021, 16, e0252953.	2.5	7
36	Apgar Score and Risk of Cerebral Palsy in Preterm Infants: A Population-Based Cohort Study. <i>Neuropediatrics</i> , 2021, 52, 310-315.	0.6	7

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37	Long-Term Effects of Prematurity on Resting Ventilatory Response to Hypercapnia. High Altitude Medicine and Biology, 2021, 22, 420-425.	0.9	6
38	Infant botulism: First two confirmed cases in Slovenia and literature review. European Journal of Paediatric Neurology, 2013, 17, 651-656.	1.6	5
39	Associations between balance and other fundamental motor skills in pre-adolescents. Medicina Dello Sport, 2019, 72, .	0.1	4
40	Post-exercise accumulation of interstitial lung water is greater in hypobaric than normobaric hypoxia in adults born prematurely. Respiratory Physiology and Neurobiology, 2022, 297, 103828.	1.6	4
41	Prognostic Value of Various Diagnostic Methods for Long-Term Outcome of Newborns After Hypoxic-Ischemic Encephalopathy Treated With Hypothermia. Frontiers in Pediatrics, 2022, 10, 856615.	1.9	4
42	Brain wave recovery predicts outcome after cardiac arrest. Resuscitation, 2013, 84, 145-146.	3.0	3
43	Children with cavernous malformations of the central nervous system. European Journal of Paediatric Neurology, 2021, 35, 61-66.	1.6	2
44	Amplitude-integrated electroencephalography in full-term newborns without severe hypoxic-ischemic encephalopathy: case series. Croatian Medical Journal, 2006, 47, 285-91.	0.7	2
45	Effects of Pre-Term Birth on the Cardio-Respiratory Responses to Hypoxic Exercise in Children. Life, 2022, 12, 79.	2.4	2
46	Detection of seizures with amplitude-integrated electroencephalography in a neonate treated with extracorporeal membrane oxygenation. Chinese Journal of Contemporary Pediatrics, 2008, 10, 547-51.	0.2	2
47	Urine and Fecal 1H-NMR Metabolomes Differ Significantly between Pre-Term and Full-Term Born Physically Fit Healthy Adult Males. Metabolites, 2022, 12, 536.	2.9	2
48	Management of refractory neonatal seizures. Research and Reports in Neonatology, 2014, , 17.	0.2	1
49	Brain Aneurysms in the Pediatric Population of Slovenia: A Case Series. Neuropediatrics, 2019, 50, 188-192.	0.6	1
50	Mind the Gap: Acetazolamide Prolonged Periods without Paralysis in a Girl with Andersen-Tawil Syndrome. Case Reports in Neurology, 2021, 13, 515-520.	0.7	1
51	Clinical and Radiological Characteristics of Non-Benign Pineal Cyst Lesions in Children. Frontiers in Neurology, 2021, 12, 722696.	2.4	1
52	IshemiAna moÅ¾ganska kap pri otrocih in mladostnikih. ZdravniÅ¡ki Vestnik, 2019, 88, 184-196.	0.1	1
53	Children with Arteriovenous Malformations of the Central Nervous System: A Retrospective Study of 12 Pediatric Cases from a Single Tertiary Center in Slovenia. Medical Science Monitor, 2022, 28, e936240.	1.1	1
54	Why Is the Neurological Examination So Badly Neglected in Early Childhood?: In Reply. Pediatrics, 2005, 116, 1048-1048.	2.1	0

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55	Neuroprotection after infection-sensitized neonatal hypoxic-ischemic brain injury. <i>Molecular and Cellular Pediatrics</i> , 2015, 2, A11.	1.8	0
56	Incidence of tonic spasms as the initial presentation of pediatric multiple sclerosis in Slovenia. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 15, 47-48.	2.0	0
57	Aneurysms of cerebral arteries in the pediatric population. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e150.	1.6	0
58	The natural course of pediatric clinically isolated syndrome. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e8-e9.	1.6	0
59	Case report: Mutation in CHD 2 gene in a patient with neonatal onset epileptic encephalopathy. <i>European Journal of Paediatric Neurology</i> , 2017, 21, e194.	1.6	0
60	The perceived health of children with epilepsy, sense of control, and support for their families. <i>Epilepsy and Behavior</i> , 2020, 112, 107454.	1.7	0
61	In reply to the "letter to the editor" by Panda & Sharawat (in press). <i>European Journal of Paediatric Neurology</i> , 2021, 30, 68-70.	1.6	0
62	Case Report: SATB2-Associated Syndrome Overlapping With Clinical Mitochondrial Disease Presentation: Report of Two Cases. <i>Frontiers in Genetics</i> , 2021, 12, 692087.	2.3	0
63	Reye Syndrome with Severe Hyperammonemia and a Good Neurological Outcome. <i>American Journal of Case Reports</i> , 2021, 22, e932864.	0.8	0
64	Duchennova mišična distrofija "novosti pri diagnosticiranju in zdravljenju. <i>Zdravniški Vestnik</i> , 0, , 1-17.	0.1	0
65	Treatment with nusinersen in a girl with spinal muscular atrophy type 1 - Case report. <i>Zdravniški Vestnik</i> , 2020, 89, 320-326.	0.1	0
66	Overnight gas exchange and ventilatory support in spinal muscular atrophy type 2 patients after 12 months of nusinersen treatment. , 2020, , .		0
67	Dysmature patterns of newborn EEG recordings: Biological markers of transitory brain dysfunction or brain injury. <i>European Journal of Paediatric Neurology</i> , 2022, 38, 20-24.	1.6	0