Dusica Bajic

List of Publications by Year
in descending order

34 papers	1,018 citations	516561 16 h-index	477173 29 g-index
34 all docs	34 docs citations	34 times ranked	1263 citing authors

#	Article	IF	Citations
1	Topographic architecture of stress-related pathways targeting the noradrenergic locus coeruleus. Physiology and Behavior, 2001, 73, 273-283.	1.0	171
2	Projections of neurons in the periaqueductal gray to pontine and medullary catecholamine cell groups involved in the modulation of nociception. , 1999, 405, 359-379.		119
3	Ketamine Activates Cell Cycle Signaling and Apoptosis in the Neonatal Rat Brain. Anesthesiology, 2010, 112, 1155-1163.	1.3	107
4	Morphineâ€enhanced apoptosis in selective brain regions of neonatal rats. International Journal of Developmental Neuroscience, 2013, 31, 258-266.	0.7	94
5	Effects of Orexin (Hypocretin) on GIRK Channels. Journal of Neurophysiology, 2003, 90, 693-702.	0.9	83
6	Identifying Rodent Resting-State Brain Networks with Independent Component Analysis. Frontiers in Neuroscience, 2017, 11, 685.	1.4	39
7	Ultrastructural analysis of ventrolateral periaqueductal gray projections to the A7 catecholamine cell group. Neuroscience, 2001, 104, 181-197.	1.1	37
8	Prolonged Exposure to Ketamine Increases Brain Derived Neurotrophic Factor Levels in Developing Rat Brains. Current Drug Safety, 2009, 4, 11-16.	0.3	32
9	Resting-State Functional Connectivity in the Infant Brain: Methods, Pitfalls, and Potentiality. Frontiers in Pediatrics, 2017, 5, 159.	0.9	31
10	Periaqueductal gray neurons monosynaptically innervate extranuclear noradrenergic dendrites in the rat pericoerulear region. Journal of Comparative Neurology, 2000, 427, 649-662.	0.9	30
11	Periaqueductal gray neuroplasticity following chronic morphine varies with age: Role of oxidative stress. Neuroscience, 2012, 226, 165-177.	1.1	24
12	Probing Intrinsic Resting-State Networks in the Infant Rat Brain. Frontiers in Behavioral Neuroscience, 2016, 10, 192.	1.0	24
13	Dissociated histaminergic neuron cultures from the tuberomammillary nucleus of rats: culture methods and ghrelin effects. Journal of Neuroscience Methods, 2004, 132, 177-184.	1.3	23
14	Two different inward rectifier K+ channels are effectors for transmitter-induced slow excitation in brain neurons. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14494-14499.	3.3	22
15	Endogenous Cholinergic Neurotransmission Contributes to Behavioral Sensitization to Morphine. PLoS ONE, 2015, 10, e0117601.	1.1	20
16	Long-term behavioral effects in a rat model of prolonged postnatal morphine exposure.. Behavioral Neuroscience, 2015, 129, 643-655.	0.6	19
17	Infant Brain Structural MRI Analysis in the Context of Thoracic Non-cardiac Surgery and Critical Care. Frontiers in Pediatrics, 2019, 7, 315.	0.9	17
18	Evaluation of Postnatal Sedation in Full-Term Infants. Brain Sciences, 2019, 9, 114.	1.1	14

#	Article	IF	Citations
19	Neurologic Injury and Brain Growth in the Setting of Long-Gap Esophageal Atresia Perioperative Critical Care: A Pilot Study. Brain Sciences, 2019, 9, 383.	1.1	14
20	Quantitative MRI study of infant regional brain size following surgery for longâ€gap esophageal atresia requiring prolonged critical care. International Journal of Developmental Neuroscience, 2019, 79, 11-20.	0.7	11
21	Infant Corpus Callosum Size After Surgery and Critical Care for Long-Gap Esophageal Atresia: Qualitative and Quantitative MRI. Scientific Reports, 2020, 10, 6408.	1.6	11
22	From the Ground Up: Esophageal Atresia Types, Disease Severity Stratification and Survival Rates at a Single Institution. Frontiers in Surgery, 2022, 9, 799052.	0.6	11
23	Preoperative Evaluation of the Pediatric Patient. Anesthesiology Clinics, 2018, 36, 689-700.	0.6	10
24	Ultrastructural analysis of rat ventrolateral periaqueductal gray projections to the A5 cell group. Neuroscience, 2012, 224, 145-159.	1.1	9
25	Neonatal functional brain maturation in the context of perioperative critical care and pain management: A case report. Heliyon, 2019, 5, e02350.	1.4	9
26	Visualizing acute painâ€"morphine interaction in descending monoamine nuclei with Fos. Brain Research, 2010, 1306, 29-38.	1.1	8
27	Projections from the rat cuneiform nucleus to the A7, A6 (locus coeruleus), and A5 pontine noradrenergic cell groups. Journal of Chemical Neuroanatomy, 2013, 50-51, 11-20.	1.0	8
28	Acute noxious stimulation modifies morphine effect in serotonergic but not dopaminergic midbrain areas. Neuroscience, 2010, 166, 720-729.	1.1	7
29	Astrocytic hypertrophy in the rat ventral tegmental area following chronic morphine differs with age. , 2018, 3, 14-21.		7
30	Head circumference in infants undergoing Foker process for long-gap esophageal atresia repair: Call for attention. Journal of Pediatric Surgery, 2021, 56, 1564-1569.	0.8	3
31	Impact of Infant Thoracic Non-cardiac Perioperative Critical Care on Homotopic-Like Corpus Callosum and Forebrain Sub-regional Volumes. Frontiers in Pain Research, 2022, 3, 788903.	0.9	2
32	Projections of neurons in the periaqueductal gray to pontine and medullary catecholamine cell groups involved in the modulation of nociception. Journal of Comparative Neurology, 1999, 405, 359.	0.9	1
33	Infant study of hemispheric asymmetry after longâ€gap esophageal atresia repair. Annals of Clinical and Translational Neurology, 2021, 8, 2132-2145.	1.7	1
34	Combining Anterograde Tracing and Immunohistochemistry to Define Neuronal Synaptic Circuits. Neuromethods, 2016, , 63-80.	0.2	0