

Marijan Klarica

List of Publications by Year in descending order

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papers

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times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent insights into a new hydrodynamics of the cerebrospinal fluid. <i>Brain Research Reviews</i> , 2011, 65, 99-112.	9.0	207
2	Role of choroid plexus in cerebrospinal fluid hydrodynamics. <i>Neuroscience</i> , 2017, 354, 69-87.	2.3	95
3	The Influence of Body Position on Cerebrospinal Fluid Pressure Gradient and Movement in Cats with Normal and Impaired Craniospinal Communication. <i>PLoS ONE</i> , 2014, 9, e95229.	2.5	54
4	New Concepts of Cerebrospinal Fluid Physiology and Development of Hydrocephalus. <i>Pediatric Neurosurgery</i> , 2017, 52, 417-425.	0.7	41
5	The formation and circulation of cerebrospinal fluid inside the cat brain ventricles: a fact or an illusion?. <i>Neuroscience Letters</i> , 2002, 327, 103-106.	2.1	38
6	The Movement of Cerebrospinal Fluid and Its Relationship with Substances Behavior in Cerebrospinal and Interstitial Fluid. <i>Neuroscience</i> , 2019, 414, 28-48.	2.3	38
7	The pharmacology of native N-methyl-D-aspartate receptor subtypes: Different receptors control the release of different striatal and spinal transmitters. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1998, 22, 35-64.	4.8	33
8	Effect of osmolarity on CSF volume during ventriculo-aqueductal and ventriculo-cisternal perfusions in cats. <i>Neuroscience Letters</i> , 2010, 484, 93-97.	2.1	33
9	Dynamics of distribution of 3H-inulin between the cerebrospinal fluid compartments. <i>Brain Research</i> , 2009, 1248, 127-135.	2.2	24
10	Measurement of cerebrospinal fluid formation and absorption by ventriculo-cisternal perfusion: what is really measured?. <i>Croatian Medical Journal</i> , 2014, 55, 317-327.	0.7	24
11	Elimination of phenolsulfonphthalein from the cerebrospinal fluid via capillaries in central nervous system in cats by active transport. <i>Neuroscience Letters</i> , 2002, 321, 123-125.	2.1	22
12	Cerebrospinal fluid secretion by the choroid plexus?. <i>Physiological Reviews</i> , 2016, 96, 1661-1662.	28.8	20
13	Effect of head position on cerebrospinal fluid pressure in cats: comparison with artificial model. <i>Croatian Medical Journal</i> , 2006, 47, 233-8.	0.7	18
14	Long lasting near-obstruction stenosis of mesencephalic aqueduct without development of hydrocephalus – case report. <i>Croatian Medical Journal</i> , 2014, 55, 394-398.	0.7	17
15	Effect of active transport on distribution and concentration gradients of [3H]benzylpenicillin in the cerebrospinal fluid. <i>Neuroscience Letters</i> , 1994, 169, 159-162.	2.1	16
16	Homeostatic role of the active transport in elimination of [3H]benzylpenicillin out of the cerebrospinal fluid system. <i>Life Sciences</i> , 2000, 67, 2375-2385.	4.3	16
17	Evidence for native NMDA receptor subtype pharmacology as revealed by differential effects on the NMDA-evoked release of striatal neuromodulators: Eliprodil, ifenprodil and other native NMDA receptor subtype selective compounds. <i>Neurochemistry International</i> , 1996, 29, 529-542.	3.8	14
18	Enigma of cerebrospinal fluid dynamics. <i>Croatian Medical Journal</i> , 2014, 55, 287-298.	0.7	14

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19	Evaluation of ventriculo-cisternal perfusion model as a method to study cerebrospinal fluid formation. <i>Croatian Medical Journal</i> , 2003, 44, 161-4.	0.7	14
20	New Insight into the Mechanism of Mannitol Effects on Cerebrospinal Fluid Pressure Decrease and Craniospinal Fluid Redistribution. <i>Neuroscience</i> , 2018, 392, 164-171.	2.3	13
21	The controversy on choroid plexus function in cerebrospinal fluid production in humans: how long could different views be neglected?. <i>Croatian Medical Journal</i> , 2015, 56, 306-310.	0.7	11
22	Volumetric analysis of cerebrospinal fluid and brain parenchyma in a patient with hydranencephaly and macrocephaly – case report. <i>Croatian Medical Journal</i> , 2014, 55, 388-393.	0.7	8
23	Fluid filtration and reabsorption across microvascular walls: control by oncotic or osmotic pressure? (secondary publication). <i>Croatian Medical Journal</i> , 2014, 55, 291-8.	0.7	8
24	Experimental Spinal Stenosis in Cats: New Insight in Mechanisms of Hydrocephalus Development. <i>Brain Pathology</i> , 2016, 26, 701-712.	4.1	5
25	The recent state of a hundred years old classic hypothesis of the cerebrospinal fluid physiology. <i>Croatian Medical Journal</i> , 2017, 58, 381-383.	0.7	5
26	The effects of lumboperitoneal and ventriculoperitoneal shunts on the cranial and spinal cerebrospinal fluid volume in a patient with idiopathic intracranial hypertension. <i>Croatian Medical Journal</i> , 2016, 57, 293-297.	0.7	3
27	Transient acute hydrocephalus after aneurysmal subarachnoid hemorrhage and aneurysm embolization: a single-center experience. <i>Neuroradiology</i> , 2021, 63, 2111-2119.	2.2	3
28	The role of mesencephalic aqueduct obstruction in hydrocephalus development: a case report. <i>Croatian Medical Journal</i> , 2021, 62, 411-419.	0.7	3
29	The physiology and pathophysiology of cerebrospinal fluid: new evidence. <i>Croatian Medical Journal</i> , 2021, 62, 307-309.	0.7	2
30	Is there a better future of healthy aging?. <i>Croatian Medical Journal</i> , 2020, 61, 75-78.	0.7	2
31	Monoamine Neurotransmitter Metabolite Concentration as a Marker of Cerebrospinal Fluid Volume Changes. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 283-286.	1.0	1
32	Reply to Comment on “Role of Choroid Plexus in Cerebrospinal Fluid Hydrodynamics”. <i>Neuroscience</i> , 2018, 380, 165.	2.3	1
33	A contribution to the understanding of ocular and cerebrospinal fluid dynamics in astronauts during long-lasting spaceflight. <i>Croatian Medical Journal</i> , 2021, 62, 420-421.	0.7	1
34	The role of the University of Zagreb School of Medicine in the development of education, health care, and science in Croatia. <i>Croatian Medical Journal</i> , 2018, 59, 185-188.	0.7	0
35	How to teach person-centered medicine during the coronavirus disease 2019 pandemic?. <i>Croatian Medical Journal</i> , 2022, 63, 98-100.	0.7	0