

Misha Perouansky

List of Publications by Year in descending order

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papers

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citations

1040056

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77
all docs

77
docs citations

77
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Slowing of the Hippocampal θ Rhythm Correlates with Anesthetic-induced Amnesia. <i>Anesthesiology</i> , 2010, 113, 1299-1309.	2.5	47
2	The Quest for a Unified Model of Anesthetic Action. <i>Anesthesiology</i> , 2012, 117, 465-474.	2.5	46
3	Genetic variability affects absolute and relative potencies and kinetics of the anesthetics isoflurane and sevoflurane in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2018, 8, 2348.	3.3	33
4	How we recall (or don't): the hippocampal memory machine and anesthetic amnesia. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 157-166.	1.6	26
5	Differential Uptake of Volatile Agents into Brain Tissue In Vitro. <i>Anesthesiology</i> , 2003, 99, 122-130.	2.5	24
6	Anesthetics Influence Mortality in a <i>Drosophila</i> Model of Blunt Trauma With Traumatic Brain Injury. <i>Anesthesia and Analgesia</i> , 2018, 126, 1979-1986.	2.2	24
7	Amnesic Concentrations of the Nonimmobilizer 1,2-Dichlorohexafluorocyclobutane (F6, 2N) and Isoflurane Alter Hippocampal θ Oscillations In Vivo. <i>Anesthesiology</i> , 2007, 106, 1168-1176.	2.5	23
8	Contemporary anesthesia ventilators incur a significant CO_2 cost. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 616-620.	1.6	14
9	Isoflurane Enhances Both Fast and Slow Synaptic Inhibition in the Hippocampus at Amnesic Concentrations. <i>Anesthesiology</i> , 2012, 116, 816-823.	2.5	13
10	Effects on Synaptic Inhibition in the Hippocampus Do Not Underlie the Amnesic and Convulsive Properties of the Nonimmobilizer 1,2-Dichlorohexafluorocyclobutane. <i>Anesthesiology</i> , 2004, 101, 66-74.	2.5	9
11	Ageing and genetic background influence anaesthetic effects in a <i>D. melanogaster</i> model of blunt trauma with brain injury. <i>British Journal of Anaesthesia</i> , 2020, 125, 77-86.	3.4	9
12	Inhaled Anesthetics: Mechanisms of Action. , 2010, , 515-538.		9
13	Mitochondrial Complex I Mutations Predispose <i>Drosophila</i> to Isoflurane Neurotoxicity. <i>Anesthesiology</i> , 2020, 133, 839-851.	2.5	9
14	The Differential Effects of the Nonimmobilizer 1,2-Dichlorohexafluorocyclobutane (F6, 2N) and Isoflurane on Extrasynaptic Gamma-Aminobutyric Acid A Receptors. <i>Anesthesia and Analgesia</i> , 2005, 100, 1667-1673.	2.2	6
15	The β -Subunit Governs the Susceptibility of Recombinant β -Aminobutyric Acid Type A Receptors to Block by the Nonimmobilizer 1,2-dichlorohexafluorocyclobutane (F6, 2N). <i>Anesthesia and Analgesia</i> , 2005, 101, 401-406.	2.2	5
16	Coagulation, Flocculation, and Denaturation. <i>Anesthesia and Analgesia</i> , 2014, 119, 311-320.	2.2	5
17	Enhancement of β -Containing β -Aminobutyric Acid Type A Receptors by the Nonimmobilizer 1,2-Dichlorohexafluorocyclobutane (F6) Is Abolished by the β (N265M) Mutation. <i>Anesthesia and Analgesia</i> , 2014, 119, 1277-1284.	2.2	4
18	Wake Up, Neurons! Astrocytes Calling. <i>Anesthesiology</i> , 2019, 130, 361-363.	2.5	4

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19	Isoflurane Potentiation of GABAA Receptors Is Reduced but Not Eliminated by the $\hat{I}^23(N265M)$ Mutation. International Journal of Molecular Sciences, 2020, 21, 9534.	4.1	4
20	Anesthetic Preconditioning of Traumatic Brain Injury Is Ineffective in a Drosophila Model of Obesity. Journal of Pharmacology and Experimental Therapeutics, 2022, 381, 229-235.	2.5	4
21	Interactions among Genetic Background, Anesthetic Agent, and Oxygen Concentration Shape Blunt Traumatic Brain Injury Outcomes in Drosophila melanogaster. International Journal of Molecular Sciences, 2020, 21, 6926.	4.1	3
22	A Crack at MAC. Anesthesiology, 2021, 134, 835-837.	2.5	3
23	Central Nervous System Physiology. , 2013, , 103-122.		2
24	Central Nervous System Physiology. , 2019, , 145-173.		2
25	Non-immobilizers put to the test: F6 and the GABAA receptor. International Congress Series, 2005, 1283, 73-78.	0.2	1
26	Mechanisms of Anesthetic Action in the Central Nervous System. Refresher Courses in Anesthesiology, 2010, 38, 78-84.	0.1	0
27	In Response. Anesthesia and Analgesia, 2018, 127, e85.	2.2	0
28	In Response. Anesthesia and Analgesia, 2018, 127, e92-e93.	2.2	0
29	A Crack in the Wall, or How Artificial Intelligence Would Classify Pink Floyd?. Anesthesiology, 2021, 135, 548-549.	2.5	0
30	Modulation of the Hippocampal \hat{I} -Rhythm as a Mechanism for Anesthetic-Induced Amnesia. , 2009, , 193-214.		0