

Violeta N Mutafova-Yambolieva

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

860
citations

623734

14
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

637
citing authors

#	ARTICLE	IF	CITATIONS
1	Î²-Nicotinamide adenine dinucleotide is an inhibitory neurotransmitter in visceral smooth muscle. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16359-16364.	7.1	158
2	P2Y1 purinoreceptors are fundamental to inhibitory motor control of murine colonic excitability and transit. Journal of Physiology, 2012, 590, 1957-1972.	2.9	94
3	Î²-Nicotinamide Adenine Dinucleotide Is an Enteric Inhibitory Neurotransmitter in Human and Nonhuman Primate Colons. Gastroenterology, 2011, 140, 608-617.e6.	1.3	84
4	Platelet-derived growth factor receptor-Î±-positive cells and not smooth muscle cells mediate purinergic hyperpolarization in murine colonic muscles. American Journal of Physiology - Cell Physiology, 2014, 307, C561-C570.	4.6	77
5	The purinergic neurotransmitter revisited: A single substance or multiple players?. , 2014, 144, 162-191.		64
6	Adenosine 5â€²â€¢diphosphateâ€¢ribose is a neural regulator in primate and murine large intestine along with Î²â€¢NAD⁺. Journal of Physiology, 2012, 590, 1921-1941.	2.9	47
7	Inhibitory and facilitatory presynaptic effects of endothelin on sympathetic cotransmission in the rat isolated tail artery. British Journal of Pharmacology, 1998, 123, 136-142.	5.4	46
8	High-Performance Liquid Chromatographic Technique for Detection of a Fluorescent Analogue of ADP-Ribose in Isolated Blood Vessel Preparations. Analytical Biochemistry, 2002, 305, 269-276.	2.4	44
9	Î²-NAD is a novel nucleotide released on stimulation of nerve terminals in human urinary bladder detrusor muscle. American Journal of Physiology - Renal Physiology, 2006, 290, F486-F495.	2.7	36
10	Uridine adenosine tetraphosphate is a novel neurogenic P2Y1 receptor activator in the gut. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15821-15826.	7.1	33
11	Co-Release Of Endogenous ATP And Noradrenaline From Guinea-Pig Mesenteric Veins Exceeds Co-Release From Mesenteric Arteries. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 397-401.	1.9	31
12	Storage and secretion of Î²â€¢NAD, ATP and dopamine in NGFâ€¢differentiated rat pheochromocytoma PC12 cells. European Journal of Neuroscience, 2009, 30, 756-768.	2.6	26
13	An exÂvivo bladder model with detrusor smooth muscle removed to analyse biologically active mediators released from the suburothelium. Journal of Physiology, 2019, 597, 1467-1485.	2.9	24
14	Involvement of cyclic AMP-mediated pathway in neural release of noradrenaline in canine isolated mesenteric artery and vein. Cardiovascular Research, 2003, 57, 217-224.	3.8	15
15	Neuronal and extraneuronal release of ATP and NAD⁺ in smooth muscle. IUBMB Life, 2012, 64, 817-824.	3.4	15
16	Loss of nitric oxide-mediated inhibition of purine neurotransmitter release in the colon in the absence of interstitial cells of Cajal. American Journal of Physiology - Renal Physiology, 2017, 313, G419-G433.	3.4	14
17	MODULATORY EFFECTS OF TYPE-C NATRIURETIC PEPTIDE ON SYMPATHETIC COTRANSMISSION IN THE RAT ISOLATED TAIL ARTERY. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 1013-1017.	1.9	12
18	Urothelial purine release during filling of murine and primate bladders. American Journal of Physiology - Renal Physiology, 2016, 311, F708-F716.	2.7	12

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19	Extracellular metabolism of the enteric inhibitory neurotransmitter $\text{[}^2\text{â€}nicotinamide adenine dinucleotide (NAD)]$ in the murine colon. <i>Journal of Physiology</i> , 2020, 598, 4509-4521.	2.9	11
20	Mechanosensitive Hydrolysis of ATP and ADP in Lamina Propria of the Murine Bladder by Membrane-Bound and Soluble Nucleotidases. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	7
21	Neurotransmitters responsible for purinergic motor neurotransmission and regulation of GI motility. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 234, 102829.	2.8	5
22	A Decentralized (Ex Vivo) Murine Bladder Model with the Detrusor Muscle Removed for Direct Access to the Suburothelium during Bladder Filling. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
23	Appropriate experimental approach is critical for identifying neurotransmitter substances: application to enteric purinergic neurotransmission. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G608-G609.	3.4	2
24	Neuronal and extraneuronal release of ATP and NAD ⁺ in smooth muscle. <i>IUBMB Life</i> , 2012, 64, scope-scope.	3.4	0
25	Ubiquitin Conjugation Regulates Hypotonic Stress-Induced Trafficking of Short Cl^{-} Channel. <i>FASEB Journal</i> , 2008, 22, 1156.1.	0.5	0