

# Violeta N Mutafova-Yambolieva

## List of Publications by Year in descending order

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25  
papers

860  
citations

623734

14  
h-index

713466

21  
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25  
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docs citations

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times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotransmitters responsible for purinergic motor neurotransmission and regulation of GI motility. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 234, 102829.	2.8	5
2	Extracellular metabolism of the enteric inhibitory neurotransmitter $\hat{2}$ -Nicotinamide adenine dinucleotide ( $\hat{2}$ -NAD) in the murine colon. <i>Journal of Physiology</i> , 2020, 598, 4509-4521.	2.9	11
3	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
4	An ex vivo bladder model with detrusor smooth muscle removed to analyse biologically active mediators released from the suburothelium. <i>Journal of Physiology</i> , 2019, 597, 1467-1485.	2.9	24
5	Loss of nitric oxide-mediated inhibition of purine neurotransmitter release in the colon in the absence of interstitial cells of Cajal. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G419-G433.	3.4	14
6	Urothelial purine release during filling of murine and primate bladders. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F708-F716.	2.7	12
7	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
8	Platelet-derived growth factor receptor $\hat{1}$ -positive cells and not smooth muscle cells mediate purinergic hyperpolarization in murine colonic muscles. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C561-C570.	4.6	77
9	Uridine adenosine tetraphosphate is a novel neurogenic P2Y1 receptor activator in the gut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15821-15826.	7.1	33
10	The purinergic neurotransmitter revisited: A single substance or multiple players?. , 2014, 144, 162-191.		64
11	Neuronal and extraneuronal release of ATP and NAD <sup>+</sup> in smooth muscle. <i>IUBMB Life</i> , 2012, 64, 817-824.	3.4	15
12	Neuronal and extraneuronal release of ATP and NAD <sup>+</sup> in smooth muscle. <i>IUBMB Life</i> , 2012, 64, scope-scope.	3.4	0
13	Adenosine 5â€²-diphosphateâ€’ribose is a neural regulator in primate and murine large intestine along with $\hat{2}$ -NAD <sup>+</sup> . <i>Journal of Physiology</i> , 2012, 590, 1921-1941.	2.9	47
14	P2Y1 purinoreceptors are fundamental to inhibitory motor control of murine colonic excitability and transit. <i>Journal of Physiology</i> , 2012, 590, 1957-1972.	2.9	94
15	$\hat{2}$ -Nicotinamide Adenine Dinucleotide Is an Enteric Inhibitory Neurotransmitter in Human and Nonhuman Primate Colons. <i>Gastroenterology</i> , 2011, 140, 608-617.e6.	1.3	84
16	Storage and secretion of $\hat{2}$ -NAD, ATP and dopamine in NGFâ€’differentiated rat pheochromocytoma PC12 cells. <i>European Journal of Neuroscience</i> , 2009, 30, 756-768.	2.6	26
17	Ubiquitin Conjugation Regulates Hypotonic Stressâ€’Induced Trafficking of Short ClCâ€’3 Channel. <i>FASEB Journal</i> , 2008, 22, 1156.1.	0.5	0
18	$\hat{2}$ -Nicotinamide adenine dinucleotide is an inhibitory neurotransmitter in visceral smooth muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16359-16364.	7.1	158

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19	$\beta$ -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
20	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
21	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
22	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
23	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
24	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
25	Mechanosensitive Hydrolysis of ATP and ADP in Lamina Propria of the Murine Bladder by Membrane-Bound and Soluble Nucleotidases. Frontiers in Physiology, 0, 13, .	2.8	7