

# Jin-Xia Zhu

## List of Publications by Year in descending order

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28  
papers

493  
citations

686830

13  
h-index

713013

21  
g-index

29  
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29  
docs citations

29  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The role of the vagal pathway and gastric dopamine in the gastroparesis of rats after a 6-hydroxydopamine microinjection in the substantia nigra. <i>Acta Physiologica</i> , 2014, 211, 434-446.	1.8	69
2	Reduced expression of choline acetyltransferase in vagal motoneurons and gastric motor dysfunction in a 6-OHDA rat model of Parkinson's disease. <i>Brain Research</i> , 2011, 1420, 59-67.	1.1	66
3	Alteration of enteric monoamines with monoamine receptors and colonic dysmotility in 6-hydroxydopamine-induced Parkinson's disease rats. <i>Translational Research</i> , 2015, 166, 152-162.	2.2	43
4	Dopamine receptor D1 mediates the inhibition of dopamine on the distal colonic motility. <i>Translational Research</i> , 2012, 159, 407-414.	2.2	38
5	Dopamine promotes colonic mucus secretion through dopamine D <sub>5</sub> receptor in rats. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C393-C403.	2.1	32
6	Î <sup>2</sup> -Adrenoceptors, but not dopamine receptors, mediate dopamine-induced ion transport in late distal colon of rats. <i>Cell and Tissue Research</i> , 2008, 334, 25-35.	1.5	23
7	Source of dopamine in gastric juice and luminal dopamine-induced duodenal bicarbonate secretion via apical dopamine D <sub>2</sub> receptors. <i>British Journal of Pharmacology</i> , 2020, 177, 3258-3272.	2.7	20
8	Upregulation of Î <sup>21</sup> -adrenoceptors is involved in the formation of gastric dysmotility in the 6-hydroxydopamine rat model of Parkinson's disease. <i>Translational Research</i> , 2014, 164, 22-31.	2.2	19
9	Cellular localization of NKCC2 and its possible role in the Cl <sup>-</sup> absorption in the rat and human distal colonic epithelia. <i>Translational Research</i> , 2011, 158, 146-154.	2.2	18
10	Dopamine enhances duodenal epithelial permeability via the dopamine D <sub>5</sub> receptor in rodent. <i>Acta Physiologica</i> , 2017, 220, 113-123.	1.8	16
11	Rasagiline, an inhibitor of MAO-B, decreases colonic motility through elevating colonic dopamine content. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13390.	1.6	15
12	Distribution of D1 and D2 receptor-immunoreactive neurons in the paraventricular nucleus of the hypothalamus in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2019, 98, 97-103.	1.0	15
13	Activation of islet 5-HT <sub>4</sub> receptor regulates glycemic control through promoting insulin secretion. <i>European Journal of Pharmacology</i> , 2016, 789, 354-361.	1.7	14
14	Expression of Dopamine Receptors in the Lateral Hypothalamic Nucleus and Their Potential Regulation of Gastric Motility in Rats With Lesions of Bilateral Substantia Nigra. <i>Frontiers in Neuroscience</i> , 2019, 13, 195.	1.4	13
15	Salivary peptest for laryngopharyngeal reflux and gastroesophageal reflux disease. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT / Overlo</i>	0.4	13
16	Reduced acetylcholine and elevated muscarinic receptor 2 in duodenal mucosa contribute to the impairment of mucus secretion in 6-hydroxydopamine-induced Parkinson's disease rats. <i>Cell and Tissue Research</i> , 2021, 386, 249-260.	1.5	11
17	Effect of entacapone on colon motility and ion transport in a rat model of Parkinson's disease. <i>World Journal of Gastroenterology</i> , 2015, 21, 3509.	1.4	10
18	Altered Expression of D1 and D2 Dopamine Receptors in Vagal Neurons Innervating the Gastric Muscularis Externa in a Parkinson's Disease Rat Model. <i>Journal of Parkinson's Disease</i> , 2016, 6, 317-323.	1.5	10

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19	A dual role of 5-hydroxytryptamine receptor 3 in serotonin induced ion transport in rat distal colon. <i>European Journal of Pharmacology</i> , 2008, 584, 137-143.	1.7	8
20	Gastric smooth muscle cells manifest an abnormal phenotype in Parkinson's disease rats with gastric dysmotility. <i>Cell and Tissue Research</i> , 2020, 381, 217-227.	1.5	8
21	Pancreatic acinar cells utilize tyrosine to synthesize L-dihydroxyphenylalanine. <i>Experimental Biology and Medicine</i> , 2021, 246, 2533-2542.	1.1	7
22	Activation of $\alpha_7$ nAChR Protects Against Gastric Inflammation and Dysmotility in Parkinson's Disease Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 793374.	1.6	7
23	Enhanced Contractive Tension and Upregulated Muscarinic Receptor 2/3 in Colorectum Contribute to Constipation in 6-Hydroxydopamine-Induced Parkinson's Disease Rats. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 770841.	1.7	6
24	$^{68}\text{Ga}$ -labelled-exendin-4: New GLP1R targeting agents for imaging pancreatic $\beta^2$ -cell and insulinoma. <i>Nuclear Medicine and Biology</i> , 2021, 102-103, 87-96.	0.3	5
25	Activation of dopamine $D_2$ receptor promotes pepsinogen secretion by suppressing somatostatin release from the mouse gastric mucosa. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C327-C337.	2.1	4
26	Dopamine and Gastrointestinal Motility. , 2021, , 133-202.		3
27	Synthesis and Metabolism of Gut Dopamine. , 2021, , 25-51.		0
28	Impaired Nitroergic Relaxation in Pyloric Sphincter of the 6-OHDA Parkinson's Disease Rat. <i>American Journal of Physiology - Renal Physiology</i> , 2022, , .	1.6	0