Rachel M Mcquade

List of Publications by Year
in descending order

32	1,027	471509 17	434195 31
papers	citations	h-index	g-index

33	33	33	1529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Colorectal Cancer Chemotherapy: The Evolution of Treatment and New Approaches. Current Medicinal Chemistry, 2017, 24, 1537-1557.	2.4	228
2	Chemotherapy-Induced Constipation and Diarrhea: Pathophysiology, Current and Emerging Treatments. Frontiers in Pharmacology, 2016, 7, 414.	3.5	150
3	Role of oxidative stress in oxaliplatinâ€induced enteric neuropathy and colonic dysmotility in mice. British Journal of Pharmacology, 2016, 173, 3502-3521.	5.4	74
4	Anti-Colorectal Cancer Chemotherapy-Induced Diarrhoea: Current Treatments and Side-Effects. International Journal of Clinical Medicine, 2014, 05, 393-406.	0.2	50
5	Impact of chemotherapy on gastrointestinal functions and the enteric nervous system. Maturitas, 2017, 105, 23-29.	2.4	43
6	PARP inhibition in platinum-based chemotherapy: Chemopotentiation and neuroprotection. Pharmacological Research, 2018, 137, 104-113.	7.1	38
7	Oxaliplatin Treatment Alters Systemic Immune Responses. BioMed Research International, 2019, 2019, 1-15.	1.9	35
8	Oxaliplatinâ€induced enteric neuronal loss and intestinal dysfunction is prevented by coâ€treatment with BGPâ€15. British Journal of Pharmacology, 2018, 175, 656-677.	5.4	34
9	Oxaliplatin-induced changes in microbiota, TLR4+ cells and enhanced HMGB1 expression in the murine colon. PLoS ONE, 2018, 13, e0198359.	2.5	33
10	Dietary Betaine Improves Intestinal Barrier Function and Ameliorates the Impact of Heat Stress in Multiple Vital Organs as Measured by Evans Blue Dye in Broiler Chickens. Animals, 2020, 10, 38.	2.3	30
11	Effects of Oxaliplatin Treatment on the Enteric Glial Cells and Neurons in the Mouse Ileum. Journal of Histochemistry and Cytochemistry, 2016, 64, 530-545.	2.5	29
12	Relationships of endocrine cells to each other and to other cell types in the human gastric fundus and corpus. Cell and Tissue Research, 2019, 376, 37-49.	2.9	26
13	Irinotecan-Induced Gastrointestinal Dysfunction Is Associated with Enteric Neuropathy, but Increased Numbers of Cholinergic Myenteric Neurons. Frontiers in Physiology, 2017, 8, 391.	2.8	21
14	The potentially beneficial central nervous system activity profile of ivacaftor and its metabolites. ERJ Open Research, 2018, 4, 00127-2017.	2.6	21
15	Squalamine Restores the Function of the Enteric Nervous System in Mouse Models of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2020, 10, 1477-1491.	2.8	21
16	Neurotoxicity Associated with Platinum-Based Anti-Cancer Agents: What are the Implications of Copper Transporters?. Current Medicinal Chemistry, 2017, 24, 1520-1536.	2.4	21
17	Inflammation-associated changes in DOR expression and function in the mouse colon. American Journal of Physiology - Renal Physiology, 2018, 315, G544-G559.	3.4	20
18	The association of enteric neuropathy with gut phenotypes in acute and progressive models of Parkinsonâ€™s disease. Scientific Reports, 2021, 11, 7934.	3.3	18

#	Article	IF	Citations
19	Investigation of nerve pathways mediating colorectal dysfunction in Parkinsonâ€™s disease model produced by lesion of nigrostriatal dopaminergic neurons. Neurogastroenterology and Motility, 2020, 32, e13893.	3.0	17
20	Distributions and relationships of chemically defined enteroendocrine cells in the rat gastric mucosa. Cell and Tissue Research, 2019, 378, 33-48.	2.9	15
21	Anti-Inflammatory Influences of Cystic Fibrosis Transmembrane Conductance Regulator Drugs on Lung Inflammation in Cystic Fibrosis. International Journal of Molecular Sciences, 2021, 22, 7606.	4.1	15
22	Gastrointestinal Dysfunction in Parkinsonâ€™s Disease: Current and Potential Therapeutics. Journal of Personalized Medicine, 2022, 12, 144.	2.5	14
23	Impact of chemotherapy-induced enteric nervous system toxicity on gastrointestinal mucositis. Current Opinion in Supportive and Palliative Care, 2020, 14, 293-300.	1.3	13
24	Effects of Oxaliplatin Treatment on the Myenteric Plexus Innervation and Glia in the Murine Distal Colon. Journal of Histochemistry and Cytochemistry, 2018, 66, 723-736.	2.5	11
25	Quantitation and chemical coding of enteroendocrine cell populations in the human jejunum. Cell and Tissue Research, 2020, 379, 109-120.	2.9	10
26	Agonist-dependent development of delta opioid receptor tolerance in the colon. Cellular and Molecular Life Sciences, 2019, 76, 3033-3050.	5.4	9
27	The effect of high-fat diet-induced metabolic disturbance on corneal neuroimmune features. Experimental Eye Research, 2020, 201, 108298.	2.6	7
28	Muscarinic receptor 1 allosteric modulators stimulate colorectal emptying in dog, mouse and rat and resolve constipation. Neurogastroenterology and Motility, 2019, 31, e13692.	3.0	5
29	Co-treatment With BGP-15 Exacerbates 5-Fluorouracil-Induced Gastrointestinal Dysfunction. Frontiers in Neuroscience, 2019, 13, 449.	2.8	5
30	Chronic isolation stress is associated with increased colonic and motor symptoms in the A53T mouse model of Parkinsonâ€™s disease. Neurogastroenterology and Motility, 2020, 32, e13755.	3.0	5
31	ATH434 Reverses Colorectal Dysfunction in the A53T Mouse Model of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2021, 11, 1821-1832.	2.8	5
32	Ivacaftor Alters Macrophage and Lymphocyte Infiltration in the Lungs Following Lipopolysaccharide Exposure. ACS Pharmacology and Translational Science, 2022, 5, 419-428.	4.9	3