

Andrea M Harrington

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47 papers	1,605 citations	20 h-index	39 g-index
56 ext. papers	1,924 ext. citations	6.9 avg, IF	4.16 L-index

#	Paper	IF	Citations
47	The ion channel TRPA1 is required for normal mechanosensation and is modulated by algescic stimuli. <i>Gastroenterology</i> , 2009 , 137, 2084-2095.e3	13.3	204
46	Linaclotide inhibits colonic nociceptors and relieves abdominal pain via guanylate cyclase-C and extracellular cyclic guanosine 3',5'-monophosphate. <i>Gastroenterology</i> , 2013 , 145, 1334-46.e1-11	13.3	186
45	Sensory neuro-immune interactions differ between irritable bowel syndrome subtypes. <i>Gut</i> , 2013 , 62, 1456-65	19.2	141
44	A novel role for TRPM8 in visceral afferent function. <i>Pain</i> , 2011 , 152, 1459-1468	8	102
43	Selenoether oxytocin analogues have analgesic properties in a mouse model of chronic abdominal pain. <i>Nature Communications</i> , 2014 , 5, 3165	17.4	95
42	TRPA1 contributes to specific mechanically activated currents and sensory neuron mechanical hypersensitivity. <i>Journal of Physiology</i> , 2011 , 589, 3575-93	3.9	95
41	Gastric vagal afferent modulation by leptin is influenced by food intake status. <i>Journal of Physiology</i> , 2013 , 591, 1921-34	3.9	68
40	Conotoxin Vc1.1 inhibits human dorsal root ganglion neuroexcitability and mouse colonic nociception via GABA receptors. <i>Gut</i> , 2017 , 66, 1083-1094	19.2	61
39	Sprouting of colonic afferent central terminals and increased spinal mitogen-activated protein kinase expression in a mouse model of chronic visceral hypersensitivity. <i>Journal of Comparative Neurology</i> , 2012 , 520, 2241-55	3.4	51
38	Cholinergic neurotransmission and muscarinic receptors in the enteric nervous system. <i>Progress in Histochemistry and Cytochemistry</i> , 2010 , 44, 173-202		49
37	Multiple sodium channel isoforms mediate the pathological effects of Pacific ciguatoxin-1. <i>Scientific Reports</i> , 2017 , 7, 42810	4.9	47
36	Chronic linaclotide treatment reduces colitis-induced neuroplasticity and reverses persistent bladder dysfunction. <i>JCI Insight</i> , 2018 , 3,	9.9	38
35	Increased μ -opioid receptor expression and function during chronic visceral hypersensitivity. <i>Gut</i> , 2014 , 63, 1199-200	19.2	37
34	Localization of muscarinic receptors M1R, M2R and M3R in the human colon. <i>Neurogastroenterology and Motility</i> , 2010 , 22, 999-1008, e262-3	4	34
33	Activation of pruritogenic TGR5, MrgprA3, and MrgprC11 on colon-innervating afferents induces visceral hypersensitivity. <i>JCI Insight</i> , 2019 , 4,	9.9	33
32	Cyclic analogues of Conotoxin Vc1.1 inhibit colonic nociceptors and provide analgesia in a mouse model of chronic abdominal pain. <i>British Journal of Pharmacology</i> , 2018 , 175, 2384-2398	8.6	28
31	Fall in density, but not number of myenteric neurons and circular muscle nerve fibres in guinea-pig colon with ageing. <i>Neurogastroenterology and Motility</i> , 2009 , 21, 1075-e90	4	27

30	Voltage-gated sodium channels: (Na)igating the field to determine their contribution to visceral nociception. <i>Journal of Physiology</i> , 2018 , 596, 785-807	3.9	24
29	Immunohistochemical localization of substance P NK1 receptor in guinea pig distal colon. <i>Neurogastroenterology and Motility</i> , 2005 , 17, 727-37	4	24
28	Identifying unique subtypes of spinal afferent nerve endings within the urinary bladder of mice. <i>Journal of Comparative Neurology</i> , 2018 , 526, 707-720	3.4	24
27	Contribution of membrane receptor signalling to chronic visceral pain. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 98, 10-23	5.6	18
26	Histamine induces peripheral and central hypersensitivity to bladder distension via the histamine H receptor and TRPV1. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F298-F314	4.3	17
25	Tetrodotoxin-sensitive voltage-gated sodium channels regulate bladder afferent responses to distension. <i>Pain</i> , 2018 , 159, 2573-2584	8	16
24	Colonic afferent input and dorsal horn neuron activation differs between the thoracolumbar and lumbosacral spinal cord. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G285-G303	5.1	15
23	Immunohistochemical localisation of cholinergic muscarinic receptor subtype 1 (M1r) in the guinea pig and human enteric nervous system. <i>Journal of Chemical Neuroanatomy</i> , 2007 , 33, 193-201	3.2	15
22	Innervation of the Gastrointestinal Tract by Spinal and Vagal Afferent Nerves 2012 , 703-731		13
21	Immunoreactivity for high-affinity choline transporter colocalises with VACHT in human enteric nervous system. <i>Cell and Tissue Research</i> , 2010 , 341, 33-48	4.2	13
20	Activation of colo-rectal high-threshold afferent nerves by Interleukin-2 is tetrodotoxin-sensitive and upregulated in a mouse model of chronic visceral hypersensitivity. <i>Neurogastroenterology and Motility</i> , 2016 , 28, 54-63	4	13
19	Identifying spinal sensory pathways activated by noxious esophageal acid. <i>Neurogastroenterology and Motility</i> , 2013 , 25, e660-8	4	12
18	Acute colitis chronically alters immune infiltration mechanisms and sensory neuro-immune interactions. <i>Brain, Behavior, and Immunity</i> , 2017 , 60, 319-332	16.6	12
17	Identifying the Ion Channels Responsible for Signaling Gastro-Intestinal Based Pain. <i>Pharmaceuticals</i> , 2010 , 3, 2768-2798	5.2	12
16	Linaclotide treatment reduces endometriosis-associated vaginal hyperalgesia and mechanical allodynia through viscerovisceral cross-talk. <i>Pain</i> , 2019 , 160, 2566-2579	8	12
15	Translating peripheral bladder afferent mechanosensitivity to neuronal activation within the lumbosacral spinal cord of mice. <i>Pain</i> , 2019 , 160, 793-804	8	11
14	Immunohistochemical localisation of pre-synaptic muscarinic receptor subtype-2 (M2r) in the enteric nervous system of guinea-pig ileum. <i>Cell and Tissue Research</i> , 2008 , 332, 37-48	4.2	8
13	Extrinsic Sensory Afferent Nerves Innervating the Gastrointestinal Tract in Health and Disease 2018 , 387-418		8

12	High affinity choline transporter immunoreactivity in rat ileum myenteric nerves. <i>Cell and Tissue Research</i> , 2007 , 327, 421-31	4.2	6
11	Olorinab (APD371), a peripherally acting, highly selective, full agonist of the cannabinoid receptor 2, reduces colitis-induced acute and chronic visceral hypersensitivity in rodents. <i>Pain</i> , 2021 ,	8	5
10	TRP Channels in Visceral Pain. <i>Open Pain Journal</i> , 2013 , 6, 23-30	0.3	3
9	Pharmacological modulation of voltage-gated sodium (NaV) channels alters nociception arising from the female reproductive tract. <i>Pain</i> , 2021 , 162, 227-242	8	3
8	Effects and sites of action of a M1 receptor positive allosteric modulator on colonic motility in rats and dogs compared with 5-HT agonism and cholinesterase inhibition. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13866	4	2
7	366 Guanylate Cyclase-C Expression Is Down-Regulated in Colonic Biopsies From Female Irritable Bowel Syndrome Patients With Constipation. <i>Gastroenterology</i> , 2016 , 150, S81-S82	13.3	2
6	Guanylate cyclase-C agonists as peripherally acting treatments of chronic visceral pain. <i>Trends in Pharmacological Sciences</i> , 2021 ,	13.2	2
5	A mouse model of endometriosis that displays vaginal, colon, cutaneous, and bladder sensory comorbidities. <i>FASEB Journal</i> , 2021 , 35, e21430	0.9	2
4	Experimental Colitis Models. <i>Methods in Pharmacology and Toxicology</i> , 2012 , 379-390	1.1	1
3	Activation of MrgprA3 and MrgprC11 on Bladder-Innervating Afferents Induces Peripheral and Central Hypersensitivity to Bladder Distension. <i>Journal of Neuroscience</i> , 2021 , 41, 3900-3916	6.6	1
2	Pruritogenic mechanisms and gut sensation: putting the "irritant" into irritable bowel syndrome. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 320, G1131-G1141	5.1	1
1	Clodronate Treatment Prevents Vaginal Hypersensitivity in a Mouse Model of Vestibulodynia.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 784972	5.9	0