

Kulmira Nurgali

List of Publications by Year in descending order

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110
papers

4,772
citations

109321

35
h-index

110387

64
g-index

112
all docs

112
docs citations

112
times ranked

6473
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Skeletal Phenotype and Associated Mechanisms With Chronic Intestinal Inflammation in the Winnie Mouse Model of Spontaneous Chronic Colitis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 259-272.	1.9	2
2	Neuroinflammation as an etiological trigger for depression comorbid with inflammatory bowel disease. <i>Journal of Neuroinflammation</i> , 2022, 19, 4.	7.2	34
3	Krill oil supplementation reduces the growth of CT-26 orthotopic tumours in Balb/c mice. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 34.	2.7	0
4	Mechanisms of Chemotherapy-Induced Neurotoxicity. <i>Frontiers in Pharmacology</i> , 2022, 13, 750507.	3.5	64
5	The comparative anti-cancer effects of krill oil and oxaliplatin in an orthotopic mouse model of colorectal cancer. <i>Nutrition and Metabolism</i> , 2022, 19, 12.	3.0	1
6	Divergent Adaptations in Autonomic Nerve Activity and Neuroimmune Signaling Associated With the Severity of Inflammation in Chronic Colitis. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1229-1243.	1.9	8
7	Mesenchymal stem cell treatment for enteric neuropathy in the Winnie mouse model of spontaneous chronic colitis. <i>Cell and Tissue Research</i> , 2022, , 1.	2.9	3
8	Potent CCR3 Receptor Antagonist, SB328437, Suppresses Colonic Eosinophil Chemotaxis and Inflammation in the Winnie Murine Model of Spontaneous Chronic Colitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7780.	4.1	7
9	Inhibition of APE1/Ref-1 Redox Signaling Alleviates Intestinal Dysfunction and Damage to Myenteric Neurons in a Mouse Model of Spontaneous Chronic Colitis. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 388-406.	1.9	26
10	Platinum accumulation in the brain and alteration in the central regulation of cardiovascular and respiratory functions in oxaliplatin-treated rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 107-120.	2.8	4
11	Effects of the food additive monosodium glutamate on cisplatin-induced gastrointestinal dysmotility and peripheral neuropathy in the rat. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14020.	3.0	5
12	Anti-cancer effects of polyphenol-rich sugarcane extract. <i>PLoS ONE</i> , 2021, 16, e0247492.	2.5	21
13	Development and validation of a new method to isolate, expand, and differentiate circulating osteogenic precursor (COP) cells. <i>Bone Reports</i> , 2021, 15, 101109.	0.4	4
14	The multiple faces of tryptophan in bone biology. <i>Experimental Gerontology</i> , 2020, 129, 110778.	2.8	26
15	Krill oil extract inhibits the migration of human colorectal cancer cells and down-regulates EGFR signalling and PD-L1 expression. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 372.	2.7	5
16	Bioimaging of C2C12 Muscle Myoblasts Using Fluorescent Carbon Quantum Dots Synthesized from Bread. <i>Nanomaterials</i> , 2020, 10, 1575.	4.1	5
17	Leucocyte-Rich Platelet-Rich Plasma Enhances Fibroblast and Extracellular Matrix Activity: Implications in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6519.	4.1	15
18	Impact of chemotherapy-induced enteric nervous system toxicity on gastrointestinal mucositis. <i>Current Opinion in Supportive and Palliative Care</i> , 2020, 14, 293-300.	1.3	13

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19	Vaccine development against methamphetamine drug addiction. <i>Expert Review of Vaccines</i> , 2020, 19, 1105-1114.	4.4	15
20	The emerging antioxidant paradigm of mesenchymal stem cell therapy. <i>Stem Cells Translational Medicine</i> , 2020, 9, 985-1006.	3.3	117
21	Targeted nano-drug delivery system for glioblastoma therapy: In vitro and in vivo study. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102039.	3.0	11
22	A pilot study on carbon quantum dots for bioimaging of muscle myoblasts. , 2020, , .		2
23	Targeting Enteric Neurons and Plexitis for the Management of Inflammatory Bowel Disease. <i>Current Drug Targets</i> , 2020, 21, 1428-1439.	2.1	26
24	The Complex Interaction between the Tumor Micro-Environment and Immune Checkpoints in Breast Cancer. <i>Cancers</i> , 2019, 11, 1205.	3.7	57
25	Anti-Tumor Effects of Vitamin B2, B6 and B9 in Promonocytic Lymphoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3763.	4.1	40
26	Krill oil extract suppresses the proliferation of colorectal cancer cells through activation of caspase 3/9. <i>Nutrition and Metabolism</i> , 2019, 16, 53.	3.0	19
27	Co-treatment With BGP-15 Exacerbates 5-Fluorouracil-Induced Gastrointestinal Dysfunction. <i>Frontiers in Neuroscience</i> , 2019, 13, 449.	2.8	5
28	Oxaliplatin Treatment Alters Systemic Immune Responses. <i>BioMed Research International</i> , 2019, 2019, 1-15.	1.9	35
29	Eosinophils in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1140-1151.	1.9	47
30	Netrin-1-like-immunoreactivity Coexpresses With DCC and Has a Differential Level in the Myenteric Cholinergic and Nitroergic Neurons of the Adult Mouse Colon. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 335-349.	2.5	0
31	Circulating osteogenic precursor cells: Building bone from blood. <i>EBioMedicine</i> , 2019, 39, 603-611.	6.1	35
32	Alterations of colonic sensitivity and gastric dysmotility after acute cisplatin and granisetron. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13499.	3.0	14
33	Methamphetamine and its immune-modulating effects. <i>Maturitas</i> , 2019, 121, 13-21.	2.4	51
34	Role of the Nervous System in Tumor Angiogenesis. <i>Cancer Microenvironment</i> , 2018, 11, 1-11.	3.1	33
35	The Onset and Progression of Chronic Colitis Parallels Increased Mucosal Serotonin Release via Enterochromaffin Cell Hyperplasia and Downregulation of the Serotonin Reuptake Transporter. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1021-1034.	1.9	22
36	Effects of EphB4 receptor expression on colorectal cancer cells, tumor growth, vascularization and composition. <i>Acta Oncologica</i> , 2018, 57, 1043-1056.	1.8	13

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37	PD-1/PD-L1 in disease. <i>Immunotherapy</i> , 2018, 10, 149-160.	2.0	90
38	Crosstalk between cancer and the neuro-immune system. <i>Journal of Neuroimmunology</i> , 2018, 315, 15-23.	2.3	48
39	Evaluation of in silico approach for prediction of presence of opioid peptides in wheat. <i>Journal of Functional Foods</i> , 2018, 41, 34-40.	3.4	25
40	Painful neurotrophins and their role in visceral pain. <i>Behavioural Pharmacology</i> , 2018, 29, 120-139.	1.7	11
41	Chemotherapeutic agents induce mitochondrial superoxide production and toxicity but do not alter respiration in skeletal muscle in vitro. <i>Mitochondrion</i> , 2018, 42, 33-49.	3.4	17
42	Oxaliplatin-induced enteric neuronal loss and intestinal dysfunction is prevented by co-treatment with BGP-15. <i>British Journal of Pharmacology</i> , 2018, 175, 656-677.	5.4	34
43	PARP inhibition in platinum-based chemotherapy: Chemopotential and neuroprotection. <i>Pharmacological Research</i> , 2018, 137, 104-113.	7.1	38
44	Effects of platelet-rich plasma and platelet-poor plasma on human dermal fibroblasts. <i>Maturitas</i> , 2018, 117, 34-44.	2.4	24
45	Effects of Oxaliplatin Treatment on the Myenteric Plexus Innervation and Glia in the Murine Distal Colon. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 723-736.	2.5	11
46	Targeting eotaxin-1 and CCR3 receptor alleviates enteric neuropathy and colonic dysfunction in TNBS-induced colitis in guinea pigs. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13391.	3.0	11
47	Editorial: Adverse Effects of Cancer Chemotherapy: Anything New to Improve Tolerance and Reduce Sequelae?. <i>Frontiers in Pharmacology</i> , 2018, 9, 245.	3.5	611
48	Preclinical evaluation of the effects on the gastrointestinal tract of the antineoplastic drug vincristine repeatedly administered to rats. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13399.	3.0	17
49	Role of the nervous system in cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 5.	8.6	95
50	Oxaliplatin-induced changes in microbiota, TLR4+ cells and enhanced HMGB1 expression in the murine colon. <i>PLoS ONE</i> , 2018, 13, e0198359.	2.5	33
51	Alterations of colonic function in the Winnie mouse model of spontaneous chronic colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G85-G102.	3.4	34
52	Impact of chemotherapy on gastrointestinal functions and the enteric nervous system. <i>Maturitas</i> , 2017, 105, 23-29.	2.4	43
53	The mechanisms tumor cells utilize to evade the host's immune system. <i>Maturitas</i> , 2017, 105, 8-15.	2.4	48
54	Resveratrol alleviates oxidative damage in enteric neurons and associated gastrointestinal dysfunction caused by chemotherapeutic agent oxaliplatin. <i>Maturitas</i> , 2017, 105, 100-106.	2.4	17

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55	Methamphetamine: Effects on the brain, gut and immune system. <i>Pharmacological Research</i> , 2017, 120, 60-67.	7.1	143
56	Attempting to Compensate for Reduced Neuronal Nitric Oxide Synthase Protein with Nitrate Supplementation Cannot Overcome Metabolic Dysfunction but Rather Has Detrimental Effects in Dystrophin-Deficient mdx Muscle. <i>Neurotherapeutics</i> , 2017, 14, 429-446.	4.4	28
57	The neuroprotective effects of human bone marrow mesenchymal stem cells are dose-dependent in TNBS colitis. <i>Stem Cell Research and Therapy</i> , 2017, 8, 87.	5.5	22
58	Exercise in Menopausal Women. , 2017, , 285-307.		2
59	Irinotecan-Induced Gastrointestinal Dysfunction Is Associated with Enteric Neuropathy, but Increased Numbers of Cholinergic Myenteric Neurons. <i>Frontiers in Physiology</i> , 2017, 8, 391.	2.8	21
60	Colorectal Cancer Chemotherapy: The Evolution of Treatment and New Approaches. <i>Current Medicinal Chemistry</i> , 2017, 24, 1537-1557.	2.4	228
61	Neurotoxicity Associated with Platinum-Based Anti-Cancer Agents: What are the Implications of Copper Transporters?. <i>Current Medicinal Chemistry</i> , 2017, 24, 1520-1536.	2.4	21
62	Food Proteins as Source of Opioid Peptides-A Review. <i>Current Medicinal Chemistry</i> , 2016, 23, 893-910.	2.4	37
63	Eosinophils in Cancer: Favourable or Unfavourable?. <i>Current Medicinal Chemistry</i> , 2016, 23, 650-666.	2.4	128
64	Chemotherapy-Induced Constipation and Diarrhea: Pathophysiology, Current and Emerging Treatments. <i>Frontiers in Pharmacology</i> , 2016, 7, 414.	3.5	150
65	Mesenchymal Stem Cell Treatment of Inflammation-Induced Cancer. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2694-2703.	1.9	9
66	Fecal Microbiota and Metabolome in a Mouse Model of Spontaneous Chronic Colitis. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2767-2787.	1.9	41
67	Mitochondria: Inadvertent targets in chemotherapy-induced skeletal muscle toxicity and wasting?. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 673-683.	2.3	61
68	Translocation and dissemination of commensal bacteria in post-stroke infection. <i>Nature Medicine</i> , 2016, 22, 1277-1284.	30.7	313
69	Rectal prolapse in Winnie mice with spontaneous chronic colitis: changes in intrinsic and extrinsic innervation of the rectum. <i>Cell and Tissue Research</i> , 2016, 366, 285-299.	2.9	15
70	Gastrointestinal dysfunction and enteric neurotoxicity following treatment with anticancer chemotherapeutic agent 5-Fluorouracil. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1861-1875.	3.0	65
71	Electrophysiological and morphological changes in colonic myenteric neurons from chemotherapy-treated patients: a pilot study. <i>Neurogastroenterology and Motility</i> , 2016, 28, 975-984.	3.0	20
72	Effects of Oxaliplatin Treatment on the Enteric Glial Cells and Neurons in the Mouse Ileum. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 530-545.	2.5	29

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73	Role of oxidative stress in oxaliplatin-induced enteric neuropathy and colonic dysmotility in mice. <i>British Journal of Pharmacology</i> , 2016, 173, 3502-3521.	5.4	74
74	Leukocyte populations and IL-6 in the tumor microenvironment of an orthotopic colorectal cancer model. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 334-341.	2.0	17
75	Human adult stem cells derived from adipose tissue and bone marrow attenuate enteric neuropathy in the guinea-pig model of acute colitis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 244.	5.5	30
76	Allogeneic guinea pig mesenchymal stem cells ameliorate neurological changes in experimental colitis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 263.	5.5	17
77	Neuroprotective Potential of Mesenchymal Stem Cell-Based Therapy in Acute Stages of TNBS-Induced Colitis in Guinea-Pigs. <i>PLoS ONE</i> , 2015, 10, e0139023.	2.5	20
78	Platinum-based chemotherapy: gastrointestinal immunomodulation and enteric nervous system toxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G223-G232.	3.4	77
79	Alterations in the distal colon innervation in Winnie mouse model of spontaneous chronic colitis. <i>Cell and Tissue Research</i> , 2015, 362, 497-512.	2.9	33
80	Chemotherapy-induced mitochondrial respiratory dysfunction, oxidant production and death in healthy skeletal muscle C2C12 myoblast and myotube models. <i>Neuromuscular Disorders</i> , 2015, 25, S202.	0.6	7
81	NADPH Oxidases and Inflammatory Bowel Disease. <i>Current Medicinal Chemistry</i> , 2015, 22, 2100-2109.	2.4	28
82	Mesenchymal stem cells for the treatment of inflammatory bowel disease: from experimental models to clinical application. <i>Inflammation and Regeneration</i> , 2014, 34, 184-197.	3.7	4
83	Mesenchymal stem cells and conditioned medium avert enteric neuropathy and colon dysfunction in guinea pig TNBS-induced colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G1115-G1129.	3.4	38
84	Human enteric neurons: morphological, electrophysiological, and neurochemical identification. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1812-1816.	3.0	16
85	Anti-Colorectal Cancer Chemotherapy-Induced Diarrhoea: Current Treatments and Side-Effects. <i>International Journal of Clinical Medicine</i> , 2014, 05, 393-406.	0.2	50
86	Anti-cancer chemotherapy: Effects on intrinsic and extrinsic innervation of the gastrointestinal tract. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 55-56.	2.8	0
87	Extrinsic and intrinsic innervation of the colon in the mouse model of spontaneous chronic colitis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 60.	2.8	0
88	Effects of oxaliplatin on mouse myenteric neurons and colonic motility. <i>Frontiers in Neuroscience</i> , 2013, 7, 30.	2.8	55
89	Netrin-1 in the developing enteric nervous system and colorectal cancer. <i>Trends in Molecular Medicine</i> , 2012, 18, 544-554.	6.7	30
90	Morphological and functional changes in guinea pig neurons projecting to the ileal mucosa at early stages after inflammatory damage. <i>Journal of Physiology</i> , 2011, 589, 325-339.	2.9	52

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91	Slow synaptic transmission in myenteric AH neurons from the inflamed guinea pig ileum. American Journal of Physiology - Renal Physiology, 2009, 297, G582-G593.	3.4	18
92	Structural changes in the epithelium of the small intestine and immune cell infiltration of enteric ganglia following acute mucosal damage and local inflammation. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2009, 455, 55-65.	2.8	40
93	Plasticity and ambiguity of the electrophysiological phenotypes of enteric neurons. Neurogastroenterology and Motility, 2009, 21, 903-913.	3.0	14
94	S5.2 Reactions of enteric and sympathetic ganglia to a brief inflammatory stimulus in the guinea-pig ileum. Autonomic Neuroscience: Basic and Clinical, 2009, 149, 27-28.	2.8	0
95	P4.15 Regulation of N-type Ca ²⁺ channels by protein kinases in the guinea-pig myenteric neurons following inflammation. Autonomic Neuroscience: Basic and Clinical, 2009, 149, 97-98.	2.8	0
96	Effects of intestinal inflammation on specific subgroups of guinea-pig celiac ganglion neurons. Neuroscience Letters, 2008, 444, 231-235.	2.1	22
97	Metabolically-sensitive (KATP) channels in enteric neurons. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 24-25.	2.8	0
98	Hyper-excitability of celiac postganglionic neurons evoked by TNBS-induced ileitis. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 84.	2.8	0
99	Effects of mibefradil and Ni ²⁺ on rebound depolarization and spikes in myenteric neurons of the guinea pig ileum. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 84-85.	2.8	0
100	Effect of intestinal inflammation on the afterhyperpolarizing potential (AHP) in myenteric neurons. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 86.	2.8	0
101	Effects of Compounds That Influence IK (KCNN4) Channels on Afterhyperpolarizing Potentials, and Determination of IK Channel Sequence, in Guinea Pig Enteric Neurons. Journal of Neurophysiology, 2007, 97, 2024-2031.	1.8	29
102	Phenotypic changes of morphologically identified guinea-pig myenteric neurons following intestinal inflammation. Journal of Physiology, 2007, 583, 593-609.	2.9	58
103	Primary afferent neurons intrinsic to the guinea-pig intestine, like primary afferent neurons of spinal and cranial sensory ganglia, bind the lectin, IB4. Cell and Tissue Research, 2005, 321, 151-157.	2.9	25
104	Intermediate-conductance calcium-activated potassium channels in enteric neurones of the mouse: pharmacological, molecular and immunochemical evidence for their role in mediating the slow afterhyperpolarization. Journal of Neurochemistry, 2004, 90, 1414-1422.	3.9	47
105	Projections and chemistry of Dogiel type II neurons in the mouse colon. Cell and Tissue Research, 2004, 317, 1-12.	2.9	112
106	Correlation of electrophysiological and morphological characteristics of enteric neurons in the mouse colon. Journal of Comparative Neurology, 2004, 468, 112-124.	1.6	119
107	Intrinsic primary afferent neurons and nerve circuits within the intestine. Progress in Neurobiology, 2004, 72, 143-164.	5.7	311
108	Analysis of purinergic and cholinergic fast synaptic transmission to identified myenteric neurons. Neuroscience, 2003, 116, 335-347.	2.3	61

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109	Correlation of electrophysiology, shape and synaptic properties of myenteric AH neurons of the guinea pig distal colon. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003, 103, 50-64.	2.8	32
110	The Enteric Nervous System and Its Extrinsic Connections. , 0, , 15-39.		11