

Rajaraman Eri

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

10,218
citations

93792

39
h-index

39744

98
g-index

126
all docs

126
docs citations

126
times ranked

23091
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.	0.9	2
2	Lactobacillus acidophilus DDS-1 Modulates the Gut Microbial Co-Occurrence Networks in Aging Mice. <i>Nutrients</i> , 2022, 14, 977.	1.7	3
3	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.	0.9	8
4	Effects of propranolol on the modification of trauma memory reconsolidation in PTSD patients: A systematic review and meta-analysis. <i>Journal of Psychiatric Research</i> , 2022, 150, 246-256.	1.5	18
5	LIN28A: A multifunctional versatile molecule with future therapeutic potential. <i>World Journal of Biological Chemistry</i> , 2022, 13, 35-46.	1.7	13
6	Mesenchymal stem cell treatment for enteric neuropathy in the Winnie mouse model of spontaneous chronic colitis. <i>Cell and Tissue Research</i> , 2022, , 1.	1.5	3
7	Fucoidan as an inhibitor of pro-inflammatory cytokines: Potential candidate for treating inflammatory-related conditions. <i>FASEB Journal</i> , 2022, 36, .	0.2	2
8	Diverse therapeutic developments for post-traumatic stress disorder (PTSD) indicate common mechanisms of memory modulation. , 2022, 239, 108195.		20
9	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.	1.8	7
10	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.	0.9	26
11	Idebenone: When an antioxidant is not an antioxidant. <i>Redox Biology</i> , 2021, 38, 101812.	3.9	52
12	Asperuloside Enhances Taste Perception and Prevents Weight Gain in High-Fat Fed Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 615446.	1.5	8
13	An Appraisal of the Current Scenario in Vaccine Research for COVID-19. <i>Viruses</i> , 2021, 13, 1397.	1.5	6
14	Short-Chain Naphthoquinone Protects Against Both Acute and Spontaneous Chronic Murine Colitis by Alleviating Inflammatory Responses. <i>Frontiers in Pharmacology</i> , 2021, 12, 709973.	1.6	1
15	Dysbiosis Triggers ACF Development in Genetically Predisposed Subjects. <i>Cancers</i> , 2021, 13, 283.	1.7	7
16	Anti-Inflammatory Activity of Fucoidan Extracts In Vitro. <i>Marine Drugs</i> , 2021, 19, 702.	2.2	43
17	1-Deoxysphingolipids, Early Predictors of Type 2 Diabetes, Compromise the Functionality of Skeletal Myoblasts. <i>Frontiers in Endocrinology</i> , 2021, 12, 772925.	1.5	5
18	Identification of Key Pro-Survival Proteins in Isolated Colonic Goblet Cells of Winnie, a Murine Model of Spontaneous Colitis. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 80-92.	0.9	5

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19	A Specific Mutation in Muc2 Determines Early Dysbiosis in Colitis-Prone Winnie Mice. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 546-556.	0.9	35
20	Idebenone Protects against Spontaneous Chronic Murine Colitis by Alleviating Endoplasmic Reticulum Stress and Inflammatory Response. <i>Biomedicines</i> , 2020, 8, 384.	1.4	8
21	Modulating the Microbiome and Immune Responses Using Whole Plant Fibre in Synbiotic Combination with Fibre-Digesting Probiotic Attenuates Chronic Colonic Inflammation in Spontaneous Colitic Mice Model of IBD. <i>Nutrients</i> , 2020, 12, 2380.	1.7	19
22	Endogenous Anti-Cancer Candidates in GPCR, ER Stress, and EMT. <i>Biomedicines</i> , 2020, 8, 402.	1.4	9
23	<i>Streptococcus Thermophilus</i> UASt-09 Upregulates Goblet Cell Activity in Colonic Epithelial Cells to a Greater Degree than other Probiotic Strains. <i>Microorganisms</i> , 2020, 8, 1758.	1.6	9
24	Does NLRP3 Inflammasome and Aryl Hydrocarbon Receptor Play an Interlinked Role in Bowel Inflammation and Colitis-Associated Colorectal Cancer?. <i>Molecules</i> , 2020, 25, 2427.	1.7	22
25	Mainstreaming Microbes across Biomes. <i>BioScience</i> , 2020, 70, 589-596.	2.2	11
26	Micro RNA Expression after Ingestion of Fucoidan; A Clinical Study. <i>Marine Drugs</i> , 2020, 18, 143.	2.2	15
27	Microbiota Modulating Nutritional Approaches to Countering the Effects of Viral Respiratory Infections Including SARS-CoV-2 through Promoting Metabolic and Immune Fitness with Probiotics and Plant Bioactives. <i>Microorganisms</i> , 2020, 8, 921.	1.6	46
28	Anti-Heartburn Effects of Sugar Cane Flour: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Nutrients</i> , 2020, 12, 1813.	1.7	4
29	Synbiotic supplementation with prebiotic green banana resistant starch and probiotic <i>Bacillus coagulans</i> spores ameliorates gut inflammation in mouse model of inflammatory bowel diseases. <i>European Journal of Nutrition</i> , 2020, 59, 3669-3689.	1.8	53
30	Ccr6 Deficiency Attenuates Spontaneous Chronic Colitis in Winnie. <i>Gastrointestinal Disorders</i> , 2020, 2, 27-47.	0.4	1
31	Beyond Just Bacteria: Functional Biomes in the Gut Ecosystem Including Virome, Mycobiome, Archaeome and Helminths. <i>Microorganisms</i> , 2020, 8, 483.	1.6	86
32	Idebenone Protects against Acute Murine Colitis via Antioxidant and Anti-Inflammatory Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 484.	1.8	30
33	Microbiome-focused asthma management strategies. <i>Current Opinion in Pharmacology</i> , 2019, 46, 143-149.	1.7	15
34	Urban-associated diseases: Candidate diseases, environmental risk factors, and a path forward. <i>Environment International</i> , 2019, 133, 105187.	4.8	83
35	NLRP3-Dependent and -Independent Processing of Interleukin (IL)-1 β in Active Ulcerative Colitis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 57.	1.8	61
36	Bilirubin Attenuates ER Stress-Mediated Inflammation, Escalates Apoptosis and Reduces Proliferation in the LS174T Colonic Epithelial Cell Line. <i>International Journal of Medical Sciences</i> , 2019, 16, 135-144.	1.1	15

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37	Lactobacillus acidophilus DDS-1 Modulates Intestinal-Specific Microbiota, Short-Chain Fatty Acid and Immunological Profiles in Aging Mice. <i>Nutrients</i> , 2019, 11, 1297.	1.7	57
38	Synbiotic Supplementation Containing Whole Plant Sugar Cane Fibre and Probiotic Spores Potentiates Protective Synergistic Effects in Mouse Model of IBD. <i>Nutrients</i> , 2019, 11, 818.	1.7	62
39	Immune Biomarkers for Diagnosis and Treatment Monitoring of Tuberculosis: Current Developments and Future Prospects. <i>Frontiers in Microbiology</i> , 2019, 10, 2789.	1.5	66
40	Probiotic Bacillus coagulans MTCC 5856 spores exhibit excellent in-vitro functional efficacy in simulated gastric survival, mucosal adhesion and immunomodulation. <i>Journal of Functional Foods</i> , 2019, 52, 100-108.	1.6	42
41	Pathway Analysis of Fucoïdan Activity Using a Yeast Gene Deletion Library Screen. <i>Marine Drugs</i> , 2019, 17, 54.	2.2	10
42	The microgenderome revealed: sex differences in bidirectional interactions between the microbiota, hormones, immunity and disease susceptibility. <i>Seminars in Immunopathology</i> , 2019, 41, 265-275.	2.8	160
43	Beyond the Technical Skills: A Case for Internationalization of Graduate Attributes in PhD Programs. <i>Universal Journal of Educational Research</i> , 2019, 7, 766-771.	0.1	0
44	Uteroglobulin and FLRG concentrations in aqueous humor are associated with age in primary open angle glaucoma patients. <i>BMC Ophthalmology</i> , 2018, 18, 57.	0.6	3
45	Cell Stress Signaling Cascades Regulating Cell Fate. <i>Current Pharmaceutical Design</i> , 2018, 24, 3176-3183.	0.9	12
46	Role of Oxidative Stress in the Pathology and Management of Human Tuberculosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	109
47	Modulation of the CCR6-CCL20 Axis: A Potential Therapeutic Target in Inflammation and Cancer. <i>Medicina (Lithuania)</i> , 2018, 54, 88.	0.8	50
48	CCR6-CCL20-Mediated Immunologic Pathways in Inflammatory Bowel Disease. <i>Gastrointestinal Disorders</i> , 2018, 1, 15-29.	0.4	7
49	Biochemical Mechanisms and Therapeutic Strategies in Gastrointestinal and Metabolic Disorders. <i>Current Pharmaceutical Design</i> , 2018, 24, 3153-3154.	0.9	0
50	Interplay between Endoplasmic Reticular Stress and Survivin in Colonic Epithelial Cells. <i>Cells</i> , 2018, 7, 171.	1.8	16
51	Lactobacillus acidophilus DDS-1 Modulates the Gut Microbiota and Improves Metabolic Profiles in Aging Mice. <i>Nutrients</i> , 2018, 10, 1255.	1.7	61
52	NLRP3 inflammasome in colitis and colitis-associated colorectal cancer. <i>Mammalian Genome</i> , 2018, 29, 817-830.	1.0	41
53	CCR6-CCL20 Axis in IBD: What Have We Learnt in the Last 20 Years?. <i>Gastrointestinal Disorders</i> , 2018, 1, 57-74.	0.4	6
54	Gut Microbial Changes, Interactions, and Their Implications on Human Lifecycle: An Ageing Perspective. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	100

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55	Nod-Like Receptor Pyrin-Containing Protein 6 (NLRP6) Is Up-regulated in Alleanal Crohn's Disease and Differentially Expressed in Goblet Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 110-112.e8.	2.3	16
56	Pleiotropic Immune Functions of Chemokine Receptor 6 in Health and Disease. Medicines (Basel), 2017, 6, 107-110. doi:10.3390/med6010107	0.7	31
57	A human origin strain <i>Lactobacillus acidophilus</i> DDS-1 exhibits superior <i>in vitro</i> probiotic efficacy in comparison to plant or dairy origin probiotics. International Journal of Medical Sciences, 2018, 15, 840-848.	1.1	33
58	MCC950, a specific small molecule inhibitor of NLRP3 inflammasome attenuates colonic inflammation in spontaneous colitis mice. Scientific Reports, 2018, 8, 8618.	1.6	208
59	Bitter melon protects against ER stress in LS174T colonic epithelial cells. BMC Complementary and Alternative Medicine, 2017, 17, 2.	3.7	14
60	Alterations of colonic function in the Winnie mouse model of spontaneous chronic colitis. American Journal of Physiology - Renal Physiology, 2017, 312, G85-G102.	1.6	34
61	Therapeutic interventions for gut dysbiosis and related disorders in the elderly: antibiotics, probiotics or faecal microbiota transplantation?. Beneficial Microbes, 2017, 8, 179-192.	1.0	55
62	Ethics of animal research in human disease remediation, its institutional teaching; and alternatives to animal experimentation. Pharmacology Research and Perspectives, 2017, 5, e00332.	1.1	54
63	TNF deficiency results in increased IL-1 β in an early onset of spontaneous murine colitis. Cell Death and Disease, 2017, 8, e2993-e2993.	2.7	24
64	Metabolomics as a Functional Tool in Screening Gastro Intestinal Diseases: Where are we in High Throughput Screening?. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 247-254.	0.6	5
65	Editorial: Novel Interventional Targets for Gastrointestinal and Metabolic Disorders. Current Pharmaceutical Design, 2017, 23, 2287-2288.	0.9	2
66	Regulation and Sensing of Inflammasomes and Their Impact on Intestinal Health. International Journal of Molecular Sciences, 2017, 18, 2379.	1.8	24
67	Endoplasmic Reticulum Stress and Oxidative Stress: A Vicious Nexus Implicated in Bowel Disease Pathophysiology. International Journal of Molecular Sciences, 2017, 18, 771.	1.8	204
68	NLRP3 Inhibitors as Potential Therapeutic Agents for Treatment of Inflammatory Bowel Disease. Current Pharmaceutical Design, 2017, 23, 2321-2327.	0.9	36
69	Role of Lactic Acid Probiotic Bacteria in IBD. Current Pharmaceutical Design, 2017, 23, 2352-2355.	0.9	38
70	Molecular mechanisms of intestinal inflammation leading to colorectal cancer. AIMS Biophysics, 2017, 4, 152-177.	0.3	3
71	Overriding Elements in Colon Cancer Progression: Some Less Known Facts. Gastro - Open Journal, 2017, 2, 4-8.	0.1	0
72	Fecal Microbiota and Metabolome in a Mouse Model of Spontaneous Chronic Colitis. Inflammatory Bowel Diseases, 2016, 22, 2767-2787.	0.9	41

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73	Empirical evaluation of a virtual laboratory approach to teach lactate dehydrogenase enzyme kinetics. <i>Annals of Medicine and Surgery</i> , 2016, 8, 6-13.	0.5	9
74	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.	1.5	15
75	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
76	Secretory leukoprotease inhibitor is required for efficient quercetin-mediated suppression of TNF α secretion. <i>Oncotarget</i> , 2016, 7, 75800-75809.	0.8	42
77	Characterisation of colonic dysplasia-like epithelial atypia in murine colitis. <i>World Journal of Gastroenterology</i> , 2016, 22, 8334.	1.4	10
78	Neutralizing IL-23 Is Superior to Blocking IL-17 in Suppressing Intestinal Inflammation in a Spontaneous Murine Colitis Model. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 973-984.	0.9	40
79	Fucoidan Extracts Ameliorate Acute Colitis. <i>PLoS ONE</i> , 2015, 10, e0128453.	1.1	89
80	Orally Administered Enoxaparin Ameliorates Acute Colitis by Reducing Macrophage-Associated Inflammatory Responses. <i>PLoS ONE</i> , 2015, 10, e0134259.	1.1	16
81	Can probiotic yogurt prevent diarrhoea in children on antibiotics? A double-blind, randomised, placebo-controlled study. <i>BMJ Open</i> , 2015, 5, e006474-e006474.	0.8	72
82	Modulation of Interferon Activity-Associated Soluble Molecules by Appendicitis and Appendectomy Limits Colitis—Identification of Novel Anti-Colitic Targets. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 108-115.	0.5	10
83	Conjugate products of pyocyanin—glutathione reactions. <i>Chemico-Biological Interactions</i> , 2015, 238, 91-92.	1.7	2
84	Alterations in the distal colon innervation in Winnie mouse model of spontaneous chronic colitis. <i>Cell and Tissue Research</i> , 2015, 362, 497-512.	1.5	33
85	Heparins in ulcerative colitis: proposed mechanisms of action and potential reasons for inconsistent clinical outcomes. <i>Expert Review of Clinical Pharmacology</i> , 2015, 8, 795-811.	1.3	12
86	TIMP1, TIMP2, and TIMP4 are increased in aqueous humor from primary open angle glaucoma patients. <i>Molecular Vision</i> , 2015, 21, 1162-72.	1.1	40
87	Endothelin and vascular remodelling in colitis pathogenesis—Appendicitis and appendectomy limit colitis by suppressing endothelin pathways. <i>International Journal of Colorectal Disease</i> , 2014, 29, 1321-1328.	1.0	9
88	The murine appendiceal microbiome is altered in spontaneous colitis and its pathological progression. <i>Gut Pathogens</i> , 2014, 6, 25.	1.6	36
89	Reflections on the Value of Mapping the Final Theory Examination in a Molecular Biochemistry Unit. <i>Journal of Microbiology and Biology Education</i> , 2014, 15, 53-54.	0.5	0
90	Peer Observation of Teaching: Reflections of an Early Career Academic. <i>Universal Journal of Educational Research</i> , 2014, 2, 625-631.	0.1	4

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91	Exposure of colonic epithelial cells to oxidative and endoplasmic reticulum stress causes rapid potassium efflux and calcium influx. <i>Cell Biochemistry and Function</i> , 2013, 31, 603-611.	1.4	6
92	Messages from the Inside. The Dynamic Environment that Favors Intestinal Homeostasis. <i>Frontiers in Immunology</i> , 2013, 4, 323.	2.2	35
93	Intestinal Epithelium and Autophagy: Partners in Gut Homeostasis. <i>Frontiers in Immunology</i> , 2013, 4, 301.	2.2	82
94	A novel mouse model of veno-occlusive disease provides strategies to prevent thioguanine-induced hepatic toxicity. <i>Gut</i> , 2013, 62, 594-605.	6.1	48
95	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. <i>Journal of Experimental Medicine</i> , 2013, 210, 1201-1216.	4.2	88
96	CC Chemokine Ligand 20 and Its Cognate Receptor CCR6 in Mucosal T Cell Immunology and Inflammatory Bowel Disease: Odd Couple or Axis of Evil?. <i>Frontiers in Immunology</i> , 2013, 4, 194.	2.2	106
97	The Role of Inflammasomes in Intestinal Inflammation. <i>American Journal of Medical and Biological Research</i> , 2013, 1, 64-76.	0.5	5
98	Role of Chemokine Ligand CCL20 and its Receptor CCR6 in Intestinal Inflammation. <i>Immunology and Infectious Diseases</i> , 2013, 1, 30-37.	0.1	3
99	Glucocorticoids alleviate intestinal ER stress by enhancing protein folding and degradation of misfolded proteins. <i>Journal of Cell Biology</i> , 2013, 201, i7-i7.	2.3	0
100	T Cell Transfer Model of Colitis: A Great Tool to Assess the Contribution of T Cells in Chronic Intestinal Inflammation. <i>Methods in Molecular Biology</i> , 2012, 844, 261-275.	0.4	54
101	Dexamethasone Ameliorates Intestinal Epithelial Cell Endoplasmic Reticulum (ER) Stress and ER Stress Induced Colitis. <i>Gastroenterology</i> , 2011, 140, S-166.	0.6	1
102	Intestinal secretory cell ER stress and inflammation. <i>Biochemical Society Transactions</i> , 2011, 39, 1081-1085.	1.6	45
103	An intestinal epithelial defect conferring ER stress results in inflammation involving both innate and adaptive immunity. <i>Mucosal Immunology</i> , 2011, 4, 354-364.	2.7	114
104	ER stress and the unfolded protein response in intestinal inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, G820-G832.	1.6	151
105	Intestinal barrier dysfunction in inflammatory bowel diseases. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 100-113.	0.9	506
106	Suppression of colon inflammation by CD80 blockade: Evaluation in two murine models of inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 458-470.	0.9	25
107	STAT4 Isoforms Differentially Regulate Th1 Cytokine Production and the Severity of Inflammatory Bowel Disease. <i>Journal of Immunology</i> , 2008, 181, 5062-5070.	0.4	31
108	Aberrant Mucin Assembly in Mice Causes Endoplasmic Reticulum Stress and Spontaneous Inflammation Resembling Ulcerative Colitis. <i>PLoS Medicine</i> , 2008, 5, e54.	3.9	602

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109	Suppression of immune responses in collagen-induced arthritis by a rationally designed CD80-binding peptide agent. <i>Arthritis and Rheumatism</i> , 2007, 56, 498-508.	6.7	15
110	Characterization of tumour-infiltrating lymphocytes and apoptosis in colitis-associated neoplasia: comparison with sporadic colorectal cancer. <i>Journal of Pathology</i> , 2006, 208, 381-387.	2.1	20
111	Angiotensinogen and transforming growth factor $\hat{A}1$: novel genes in the pathogenesis of Crohn's disease. <i>Journal of Medical Genetics</i> , 2006, 43, e51-e51.	1.5	28
112	The IBD International Genetics Consortium Provides Further Evidence for Linkage to IBD4 and Shows Gene-Environment Interaction. <i>Inflammatory Bowel Diseases</i> , 2005, 11, 1-7.	0.9	57
113	CD80 Binding Polyproline Helical Peptide Inhibits T Cell Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 10149-10155.	1.6	19
114	Toll-like receptor-4 is required for intestinal response to epithelial injury and limiting bacterial translocation in a murine model of acute colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G1055-G1065.	1.6	461
115	TNF \hat{A} and IL10 SNPs act together to predict disease behaviour in Crohn's disease. <i>Journal of Medical Genetics</i> , 2005, 42, 523-528.	1.5	56
116	CCR5- \hat{I}^{32} mutation is strongly associated with primary sclerosing cholangitis. <i>Genes and Immunity</i> , 2004, 5, 444-450.	2.2	66
117	NOD2 Gene mutations are associated with different clinical phenotypes in patients with Crohn disease. <i>Gastroenterology</i> , 2003, 124, A376.	0.6	0
118	Novel gene containing multiple epidermal growth factor-like motifs transiently expressed in the papillae of the ascidian tadpole larvae. <i>Developmental Dynamics</i> , 1997, 210, 264-273.	0.8	17