

Bodduluri Haribabu

List of Publications by Year in descending order

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124
papers

7,829
citations

38742

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h-index

53230

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128
all docs

128
docs citations

128
times ranked

9519
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-Derived Exosomal MicroRNAs Shape the Gut Microbiota. <i>Cell Host and Microbe</i> , 2018, 24, 637-652.e8.	11.0	517
2	Enhancement of the gut barrier integrity by a microbial metabolite through the Nrf2 pathway. <i>Nature Communications</i> , 2019, 10, 89.	12.8	420
3	Lipid-Cytokine-Chemokine Cascade Drives Neutrophil Recruitment in a Murine Model of Inflammatory Arthritis. <i>Immunity</i> , 2010, 33, 266-278.	14.3	301
4	Evidence for a link between gut microbiota and hypertension in the Dahl rat. <i>Physiological Genomics</i> , 2015, 47, 187-197.	2.3	301
5	Regulation of Human Chemokine Receptors CXCR4. <i>Journal of Biological Chemistry</i> , 1997, 272, 28726-28731.	3.4	260
6	Chemoattractant Receptor Cross-desensitization. <i>Journal of Biological Chemistry</i> , 1999, 274, 6027-6030.	3.4	236
7	Regulation of Intestinal Barrier Function by Microbial Metabolites. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1463-1482.	4.5	235
8	A Point Mutation That Confers Constitutive Activity to CXCR4 Reveals That T140 Is an Inverse Agonist and That AMD3100 and ALX40-4C Are Weak Partial Agonists. <i>Journal of Biological Chemistry</i> , 2002, 277, 24515-24521.	3.4	222
9	Role of Leukotriene B ₄ Receptors in the Development of Atherosclerosis: Potential Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 369-375.	2.4	200
10	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2319-2324.	7.1	171
11	Targeted Disruption of the Leukotriene B ₄ Receptor in Mice Reveals Its Role in Inflammation and Platelet-Activating Factor-Induced Anaphylaxis. <i>Journal of Experimental Medicine</i> , 2000, 192, 433-438.	8.5	167
12	Human calcium-calmodulin dependent protein kinase I: cDNA cloning, domain structure and activation by phosphorylation at threonine-177 by calcium-calmodulin dependent protein kinase I kinase. <i>EMBO Journal</i> , 1995, 14, 3679-3686.	7.8	166
13	Deficiency of the Leukotriene B ₄ Receptor, BLT-1, Protects against Systemic Insulin Resistance in Diet-Induced Obesity. <i>Journal of Immunology</i> , 2011, 187, 1942-1949.	0.8	150
14	β ₂ -Arrestin-dependent Constitutive Internalization of the Human Chemokine Decoy Receptor D6. <i>Journal of Biological Chemistry</i> , 2004, 279, 25590-25597.	3.4	140
15	Differential Cross-regulation of the Human Chemokine Receptors CXCR1 and CXCR2. <i>Journal of Biological Chemistry</i> , 1998, 273, 23830-23836.	3.4	132
16	Differential Recognition and Scavenging of Native and Truncated Macrophage-Derived Chemokine (Macrophage-Derived Chemokine/CC Chemokine Ligand 22) by the D6 Decoy Receptor. <i>Journal of Immunology</i> , 2004, 172, 4972-4976.	0.8	132
17	Chemoattractant Receptors BLT1 and CXCR3 Regulate Antitumor Immunity by Facilitating CD8 ⁺ T Cell Migration into Tumors. <i>Journal of Immunology</i> , 2016, 197, 2016-2026.	0.8	118
18	Regulation of dendritic cell migration and adaptive immune response by leukotriene B ₄ receptors: a role for LTB ₄ in up-regulation of CCR7 expression and function. <i>Blood</i> , 2007, 109, 626-631.	1.4	112

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19	Pharmacological characterization of cyclic AMP receptors mediating gene regulation in Dictyostelium discoideum.. Molecular and Cellular Biology, 1986, 6, 2402-2408.	2.3	102
20	Requirement for Leukotriene B ₄ Receptor 1 in Allergen-induced Airway Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 161-167.	5.6	102
21	Silent chemoattractant receptors: D6 as a decoy and scavenger receptor for inflammatory CC chemokines. Cytokine and Growth Factor Reviews, 2005, 16, 679-686.	7.2	102
22	Gut Microbiota Conversion of Dietary Ellagic Acid into Bioactive Phytochemical Urolithin A Inhibits Heme Peroxidases. PLoS ONE, 2016, 11, e0156811.	2.5	99
23	Targeted Disruption of Leukotriene B ₄ Receptors BLT1 and BLT2: A Critical Role for BLT1 in Collagen-Induced Arthritis in Mice. Journal of Immunology, 2006, 176, 6254-6261.	0.8	96
24	Regulation of Human Interleukin-8 Receptor A: Identification of a Phosphorylation Site Involved in Modulating Receptor Functions. Biochemistry, 1995, 34, 14193-14201.	2.5	95
25	Leukotrienes and atherosclerosis: new roles for old mediators. Trends in Immunology, 2004, 25, 315-322.	6.8	95
26	CX3CR1 Tyrosine Sulfation Enhances Fractalkine-induced Cell Adhesion. Journal of Biological Chemistry, 2002, 277, 19418-19423.	3.4	90
27	Cross-desensitization of Chemoattractant Receptors Occurs at Multiple Levels. Journal of Biological Chemistry, 1995, 270, 27829-27833.	3.4	88
28	Chemoattractant Receptors Activate Distinct Pathways for Chemotaxis and Secretion. Journal of Biological Chemistry, 1999, 274, 37087-37092.	3.4	88
29	Crystalline silica-induced leukotriene B ₄ -dependent inflammation promotes lung tumour growth. Nature Communications, 2015, 6, 7064.	12.8	88
30	MECHANISMS OF INFLAMMATION AND LEUKOCYTE ACTIVATION. Medical Clinics of North America, 1997, 81, 1-28.	2.5	87
31	Activin A induces dendritic cell migration through the polarized release of CXC chemokine ligands 12 and 14. Blood, 2009, 113, 5848-5856.	1.4	82
32	Role of Phospholipase C β 3 Phosphorylation in the Desensitization of Cellular Responses to Platelet-activating Factor. Journal of Biological Chemistry, 1997, 272, 11706-11709.	3.4	79
33	Complement C5a receptor is the key initiator of neutrophil adhesion igniting immune complex-induced arthritis. Science Immunology, 2017, 2, .	11.9	78
34	Regulation of D6 chemokine scavenging activity by ligand- and Rab11-dependent surface up-regulation. Blood, 2008, 112, 493-503.	1.4	76
35	Nonredundant Roles for Leukotriene B ₄ Receptors BLT1 and BLT2 in Inflammatory Arthritis. Journal of Immunology, 2010, 185, 3049-3056.	0.8	76
36	Leukotriene B ₄ Receptor-1 Mediates Intermittent Hypoxia-induced Atherogenesis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 124-131.	5.6	75

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37	Enhanced expression of G-protein coupled estrogen receptor (GPER/GPR30) in lung cancer. <i>BMC Cancer</i> , 2012, 12, 624.	2.6	72
38	Multiple Signaling Pathways of Human Interleukin-8 Receptor A. <i>Journal of Biological Chemistry</i> , 1998, 273, 10690-10695.	3.4	71
39	Phosphorylation-independent β -Arrestin Translocation and Internalization of Leukotriene B4 Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 4880-4887.	3.4	71
40	Regulation of the Human Chemokine Receptor CCR1. <i>Journal of Biological Chemistry</i> , 2000, 275, 9201-9208.	3.4	67
41	Enterobacteria-secreted particles induce production of exosome-like S1P-containing particles by intestinal epithelium to drive Th17-mediated tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6956.	12.8	67
42	Fecal microbes, short chain fatty acids, and colorectal cancer across racial/ethnic groups. <i>World Journal of Gastroenterology</i> , 2015, 21, 2759.	3.3	64
43	C5a-Mediated Leukotriene B4-Amplified Neutrophil Chemotaxis Is Essential in Tumor Immunotherapy Facilitated by Anti-Tumor Monoclonal Antibody and β -Glucan. <i>Journal of Immunology</i> , 2005, 174, 7050-7056.	0.8	63
44	Akt inhibition upregulates FasL, downregulates c-FLIPs and induces caspase-8-dependent cell death in Jurkat T lymphocytes. <i>Cell Death and Differentiation</i> , 2005, 12, 233-242.	11.2	60
45	Effects of biaxial oscillatory shear stress on endothelial cell proliferation and morphology. <i>Biotechnology and Bioengineering</i> , 2012, 109, 695-707.	3.3	56
46	Validation of IMP Dehydrogenase Inhibitors in a Mouse Model of Cryptosporidiosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1603-1614.	3.2	56
47	Differential Regulation of Formyl Peptide and Platelet-activating Factor Receptors. <i>Journal of Biological Chemistry</i> , 1998, 273, 11012-11016.	3.4	55
48	Microbiota-activated CD103+ DCs stemming from microbiota adaptation specifically drive β T17 proliferation and activation. <i>Microbiome</i> , 2017, 5, 46.	11.1	55
49	Transendothelial migration of ferric ion in FeCl3 injured murine common carotid artery. <i>Thrombosis Research</i> , 2006, 118, 275-280.	1.7	54
50	Leukotriene B4 Receptor 1 Expression on Dendritic Cells Is Required for the Development of Th2 Responses and Allergen-Induced Airway Hyperresponsiveness. <i>Journal of Immunology</i> , 2008, 181, 1170-1178.	0.8	52
51	Identification of additional members of human G-protein-coupled receptor kinase multigene family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 9398-9402.	7.1	51
52	Role of leukotriene B4 receptors in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2007, 7, 12-17.	5.8	49
53	Chemoattractant Receptor-induced Phosphorylation of L-selectin. <i>Journal of Biological Chemistry</i> , 1997, 272, 13961-13965.	3.4	48
54	Activation and Regulation of Platelet-Activating Factor Receptor: Role of Gi and Gq in Receptor-Mediated Chemotactic, Cytotoxic, and Cross-Regulatory Signals. <i>Journal of Immunology</i> , 2006, 177, 3242-3249.	0.8	47

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55	Vaccination with Embryonic Stem Cells Protects against Lung Cancer: Is a Broad-Spectrum Prophylactic Vaccine against Cancer Possible?. PLoS ONE, 2012, 7, e42289.	2.5	47
56	Corticosteroids enhance CD8+ T cell-mediated airway hyperresponsiveness and allergic inflammation by upregulating leukotriene B4 receptor 1. Journal of Allergy and Clinical Immunology, 2008, 121, 864-871.e4.	2.9	46
57	Up-regulating Sphingosine 1-Phosphate Receptor-2 Signaling Impairs Chemotactic, Wound-healing, and Morphogenetic Responses in Senescent Endothelial Cells. Journal of Biological Chemistry, 2008, 283, 30363-30375.	3.4	46
58	Lysophospholipids secreted by splenic macrophages induce chemotherapy resistance via interference with the DNA damage response. Nature Communications, 2014, 5, 5275.	12.8	45
59	Function and Regulation of Chemoattractant Receptors. Immunologic Research, 2000, 22, 271-280.	2.9	44
60	Heat Shock Protein 27 Regulates Neutrophil Chemotaxis and Exocytosis through Two Independent Mechanisms. Journal of Immunology, 2007, 178, 2421-2428.	0.8	43
61	REV1 Is Implicated in the Development of Carcinogen-Induced Lung Cancer. Molecular Cancer Research, 2009, 7, 247-254.	3.4	43
62	Identification of a Region at the N-Terminus of Phospholipase C- β 3 That Interacts with G Protein β γ Subunits. Biochemistry, 2000, 39, 1800-1806.	2.5	42
63	Cross-desensitization Among Receptors for Platelet Activating Factor and Peptide Chemoattractants. Journal of Biological Chemistry, 1996, 271, 28717-28724.	3.4	41
64	Expression of Leukotriene B4 Receptor-1 on CD8+ T Cells Is Required for Their Migration into Tumors To Elicit Effective Antitumor Immunity. Journal of Immunology, 2013, 191, 3462-3470.	0.8	40
65	The yin and yang of leukotriene B 4 mediated inflammation in cancer. Seminars in Immunology, 2017, 33, 58-64.	5.6	40
66	Blockade of the Interaction of Leukotriene B4 with Its Receptor Prevents Development of Autoimmune Uveitis. , 2006, 47, 1543.		36
67	Mast Cell-Dependent CD8+ T-cell Recruitment Mediates Immune Surveillance of Intestinal Tumors in ApcMin/+ Mice. Cancer Immunology Research, 2018, 6, 332-347.	3.4	36
68	Cell-cell contact and cAMP regulate the expression of a UDP glucose pyrophosphorylase gene of Dictyostelium discoideum. Developmental Biology, 1986, 113, 436-442.	2.0	34
69	Identification of a protein kinase multigene family of Dictyostelium discoideum: molecular cloning and expression of a cDNA encoding a developmentally regulated protein kinase.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 1115-1119.	7.1	34
70	Cutting Edge: Differential Regulation of Chemoattractant Receptor-Induced Degranulation and Chemokine Production by Receptor Phosphorylation. Journal of Immunology, 2001, 167, 3559-3563.	0.8	34
71	Polystyrene bead ingestion promotes adiposity and cardiometabolic disease in mice. Ecotoxicology and Environmental Safety, 2022, 232, 113239.	6.0	33
72	Thrombin Primes Responsiveness of Selective Chemoattractant Receptors at a Site Distal to G Protein Activation. Journal of Biological Chemistry, 1996, 271, 3200-3206.	3.4	32

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73	Critical Role for Polar Residues in Coupling Leukotriene B4 Binding to Signal Transduction in BLT1. <i>Journal of Biological Chemistry</i> , 2007, 282, 10005-10017.	3.4	32
74	Oral administration of a recombinant cholera toxin B subunit promotes mucosal healing in the colon. <i>Mucosal Immunology</i> , 2017, 10, 887-900.	6.0	27
75	Identification of a signal transduction response sequence element necessary for induction of a <i>Dictyostelium discoideum</i> gene by extracellular cyclic AMP.. <i>Molecular and Cellular Biology</i> , 1989, 9, 4660-4669.	2.3	26
76	Role of bacterial infection in the epigenetic regulation of Wnt antagonist WIF1 by PRC2 protein EZH2. <i>Oncogene</i> , 2015, 34, 4519-4530.	5.9	26
77	Molecular cloning of a cDNA complementary to a UDP-glucose pyrophosphorylase mRNA of <i>Dictyostelium discoideum</i> . <i>Developmental Biology</i> , 1985, 110, 369-381.	2.0	25
78	Leukotriene B4 Receptor (BLT-1) Modulates Neutrophil Influx into the Peritoneum but Not the Lung and Liver during Surgically Induced Bacterial Peritonitis in Mice. <i>Vaccine Journal</i> , 2004, 11, 936-941.	2.6	24
79	Inflammasome-Independent Leukotriene B4 Production Drives Crystalline Silica-Induced Sterile Inflammation. <i>Journal of Immunology</i> , 2018, 200, 3556-3567.	0.8	24
80	Ligand-induced nuclear translocation of S1P1 receptors mediates Cyr61 and CTGF transcription in endothelial cells. <i>Histochemistry and Cell Biology</i> , 2009, 131, 239-249.	1.7	21
81	Mechanical Stress and Nitric Oxide Influence Leukotriene Production in Cartilage. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 806-810.	2.1	20
82	Leukotriene B4-receptor-1 mediated host response shapes gut microbiota and controls colon tumor progression. <i>Oncolmmunology</i> , 2017, 6, e1361593.	4.6	20
83	A spontaneous metastasis model reveals the significance of claudin-9 overexpression in lung cancer metastasis. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 263-275.	3.3	18
84	The role for the metagenome in the pathogenesis of COVID-19. <i>EBioMedicine</i> , 2020, 61, 103019.	6.1	18
85	Signal transduction and gene expression in <i>Dictyostelium discoideum</i> . <i>Genesis</i> , 1991, 12, 2-5.	2.1	15
86	Zinc Oxide Nanowires Exposure Induces a Distinct Inflammatory Response via CCL11-Mediated Eosinophil Recruitment. <i>Frontiers in Immunology</i> , 2019, 10, 2604.	4.8	15
87	Microbial Metabolite Urolithin B Inhibits Recombinant Human Monoamine Oxidase A Enzyme. <i>Metabolites</i> , 2020, 10, 258.	2.9	15
88	Regulation of cytotoxic T-Lymphocyte trafficking to tumors by chemoattractants: implications for immunotherapy. <i>Expert Review of Vaccines</i> , 2015, 14, 537-549.	4.4	14
89	Renal Protection by Genetic Deletion of the Atypical Chemokine Receptor ACKR2 in Diabetic OVE Mice. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-11.	2.3	14
90	Homology cloning of protein kinase and phosphoprotein phosphatase sequences of <i>Dictyostelium discoideum</i> . <i>Genesis</i> , 1991, 12, 45-49.	2.1	13

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91	Selective induction of phospholipase D1 in pathogen-activated human monocytes. <i>Biochemical Journal</i> , 2001, 358, 119.	3.7	13
92	Impact of Bi-Axial Shear on Atherogenic Gene Expression by Endothelial Cells. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3032-3045.	2.5	11
93	Co-localization of autophagy-related protein p62 with cancer stem cell marker dcl1 may hamper dcl1's elimination during colon cancer development and progression. <i>Oncotarget</i> , 2019, 10, 2340-2354.	1.8	11
94	Urolithin A attenuates arsenic-induced gut barrier dysfunction. <i>Archives of Toxicology</i> , 2022, 96, 987-1007.	4.2	10
95	Transmembrane signal transduction regulates gene expression in <i>Dictyostelium discoideum</i> . <i>Genesis</i> , 1988, 9, 371-382.	2.1	9
96	Redundant and Cooperative Roles for <i>Yersinia pestis</i> Yop Effectors in the Inhibition of Human Neutrophil Exocytic Responses Revealed by Gain-of-Function Approach. <i>Infection and Immunity</i> , 2020, 88, .	2.2	9
97	Degradation of substituted benzoic acids by a <i>Micrococcus</i> species. <i>FEMS Microbiology Letters</i> , 1984, 21, 197-200.	1.8	8
98	Susceptibility to endotoxin induced uveitis is not reduced in mice deficient in BLT1, the high affinity leukotriene B4 receptor. <i>British Journal of Ophthalmology</i> , 2004, 88, 273-275.	3.9	8
99	Absence of <i>CCR2</i> reduces spontaneous intestinal tumorigenesis in the <i>Apc^{Min}/+</i> mouse model. <i>International Journal of Cancer</i> , 2021, 148, 2594-2607.	5.1	7
100	Signal transduction pathways involved in the expression of the uridine diphosphoglucose pyrophosphorylase gene of <i>Dictyostelium discoideum</i> . <i>Genesis</i> , 1991, 12, 35-44.	2.1	5
101	Real-time Imaging of Leukotriene B ₄ Mediated Cell Migration and BLT1 Interactions with β -arrestin. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	4
102	Interrelationship between the 5-lipoxygenase pathway and microbial dysbiosis in the progression of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158982.	2.4	4
103	Epidermal Fatty Acid Binding Protein Mediates Depilatory-Induced Acute Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1824-1834.e7.	0.7	4
104	Real-Time Analysis of G Protein-Coupled Receptor Signaling in Live Cells. , 2006, 332, 159-166.		1
105	Corticosteroid-Resistance and Leukotriene B4 Receptor-1 Upregulation on Effector Memory CD8+ T Cells are Accompanied by Increased IL-2 Receptor Expression. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, S115-S115.	2.9	1
106	The upper respiratory tract microbiome of hospitalised patients with community-acquired pneumonia of unknown aetiology: a pilot study. <i>Pneumonia (Nathan Qld)</i> , 2015, 6, 83-89.	6.1	1
107	Back to the future of targeting leukotriene B4 mediated inflammation. <i>Seminars in Immunology</i> , 2017, 33, 1-2.	5.6	1
108	Gene Regulation by Hormone-like Signals in <i>Dictyostelium</i> . , 1993, , 353-376.		1

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109	Activation of Effector Memory CD8+ T Cells Following Ligation of BLT1 by Leukotriene B4. Journal of Allergy and Clinical Immunology, 2007, 119, S287-S288.	2.9	0
110	Absence of the Low Affinity Receptor for Leukotriene B4, BLT2, on NKT Cells Results in Failure to Develop Allergen-Induced Airway Hyperresponsiveness and Inflammation. Journal of Allergy and Clinical Immunology, 2011, 127, AB56-AB56.	2.9	0
111	Bidirectional Oscillatory Shear Stress Increases Pro-Atherogenic Gene Expressions (I-CAM1, E-Selectin) Tj ETQq1 1 0.784314 rgBT /Over		
112	Tu1955 - Citrobacter Rodentium-Induced Autophagy Protects Cancer Stem Cells to Facilitate Tumor Development and Progression in the Colons of APC1638N / + Mice. Gastroenterology, 2018, 154, S-1064.	1.3	0
113	Abstract 726: Targeting the extracellular and intracellular interfaces of CXCR4. , 2010, , .		0
114	Abstract 3662: Absence of leukotriene B4 receptor-1 (BLT1) protects against lung cancer. , 2011, , .		0
115	Abstract 411: Absence of leukotriene B4 receptor-1 promotes colon tumorigenesis in the ApcMin/+ mice by modulating gut microbiota. , 2011, , .		0
116	Abstract 800: Inflammatory chemokines mediate immune surveillance of intestinal cancer. , 2011, , .		0
117	Abstract 4548: The role of GPR30/G-protein coupled estrogen receptor (GPER) in lung cancer development. , 2011, , .		0
118	Differential Expression of Matrix Metalloproteinases (MMPs) in Lung Cancer Metastasis. FASEB Journal, 2013, 27, 611.4.	0.5	0
119	Activity Gels: Reformation of Functional Proteins in SDS-Polyacrylamide Gels. , 1987, , 121-133.		0
120	Ddk2. , 1995, , 124-125.		0
121	Abstract 3771: Splenic macrophages induce chemotherapy resistance via DNA damage repair. , 2014, , .		0
122	Abstract 1338:Citrobacter rodentium-induced autophagy protects cancer stem cells to facilitate tumor development and progression in the colons ofApc1638N/+mice. , 2018, , .		0
123	Chemokine Receptor Expression and Regulatory Mechanisms. , 2019, , 31-50.		0
124	Microbial metabolite mitigates arsenic induced oxidative stress, inflammation, and barrier dysfunction in gut epithelia. FASEB Journal, 2022, 36, .	0.5	0