

Sahar El Aidy

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

5,765
citations

126907

33
h-index

155660

55
g-index

67
all docs

67
docs citations

67
times ranked

8879
citing authors

#	ARTICLE	IF	CITATIONS
1	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. <i>Journal of Psychiatric Research</i> , 2016, 82, 109-118.	3.1	1,130
2	Oral Phage Therapy of Acute Bacterial Diarrhea With Two Coliphage Preparations: A Randomized Trial in Children From Bangladesh. <i>EBioMedicine</i> , 2016, 4, 124-137.	6.1	370
3	Gut bacterial tyrosine decarboxylases restrict levels of levodopa in the treatment of Parkinson's disease. <i>Nature Communications</i> , 2019, 10, 310.	12.8	325
4	Microbial Community Development in a Dynamic Gut Model Is Reproducible, Colon Region Specific, and Selective for <i>Bacteroidetes</i> and <i>Clostridium</i> Cluster IX. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5237-5246.	3.1	272
5	High temporal and inter-individual variation detected in the human ileal microbiota. <i>Environmental Microbiology</i> , 2010, 12, 3213-3227.	3.8	254
6	Aged Gut Microbiota Contributes to Systemic Inflammation after Transfer to Germ-Free Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1385.	4.8	252
7	BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. <i>Immunity</i> , 2015, 43, 527-540.	14.3	247
8	Arabinoxylans and inulin differentially modulate the mucosal and luminal gut microbiota and mucin degradation in humanized rats. <i>Environmental Microbiology</i> , 2011, 13, 2667-2680.	3.8	215
9	Temporal and spatial interplay of microbiota and intestinal mucosa drive establishment of immune homeostasis in conventionalized mice. <i>Mucosal Immunology</i> , 2012, 5, 567-579.	6.0	201
10	The small intestine microbiota, nutritional modulation and relevance for health. <i>Current Opinion in Biotechnology</i> , 2015, 32, 14-20.	6.6	182
11	The Impact of Gut Microbiota on Gender-Specific Differences in Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 754.	4.8	180
12	Gut Microbiota: The Conductor in the Orchestra of Immune-Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015, 37, 954-967.	2.5	163
13	N-3 Polyunsaturated Fatty Acids (PUFAs) Reverse the Impact of Early-Life Stress on the Gut Microbiota. <i>PLoS ONE</i> , 2015, 10, e0139721.	2.5	143
14	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014, 5, 146.	3.5	125
15	The gut microbiota elicits a profound metabolic reorientation in the mouse jejunal mucosa during conventionalisation. <i>Gut</i> , 2013, 62, 1306-1314.	12.1	118
16	Role of Microbiota and Tryptophan Metabolites in the Remote Effect of Intestinal Inflammation on Brain and Depression. <i>Pharmaceuticals</i> , 2018, 11, 63.	3.8	113
17	The gut microbiota and mucosal homeostasis. <i>Gut Microbes</i> , 2013, 4, 118-124.	9.8	111
18	Depressed gut? The microbiota-diet-inflammation triad in depression. <i>Current Opinion in Psychiatry</i> , 2017, 30, 369-377.	6.3	94

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19	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019, 33, 13546-13559.	0.5	93
20	Gut bacteria-host metabolic interplay during conventionalisation of the mouse germfree colon. <i>ISME Journal</i> , 2013, 7, 743-755.	9.8	84
21	Sex differences in lipid metabolism are affected by presence of the gut microbiota. <i>Scientific Reports</i> , 2018, 8, 13426.	3.3	68
22	Serotonin Transporter Genotype Modulates the Gut Microbiota Composition in Young Rats, an Effect Augmented by Early Life Stress. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 222.	3.7	65
23	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	3.9	65
24	Transient inflammatory-like state and microbial dysbiosis are pivotal in establishment of mucosal homeostasis during colonisation of germ-free mice. <i>Beneficial Microbes</i> , 2014, 5, 67-77.	2.4	64
25	Intestinal colonization: How key microbial players become established in this dynamic process. <i>BioEssays</i> , 2013, 35, 913-923.	2.5	61
26	The microbiota and the gut-brain axis: insights from the temporal and spatial mucosal alterations during colonisation of the germfree mouse intestine. <i>Beneficial Microbes</i> , 2012, 3, 251-259.	2.4	59
27	Î2â†’1-Fructans Modulate the Immune System In Vivo in a Microbiota-Dependent andâ€‰-Independent Fashion. <i>Frontiers in Immunology</i> , 2017, 8, 154.	4.8	59
28	Microbiome to Brain: Unravelling the Multidirectional Axes of Communication. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 301-336.	1.6	50
29	Microbiota and gut neuropeptides: a dual action of antimicrobial activity and neuroimmune response. <i>Psychopharmacology</i> , 2019, 236, 1597-1609.	3.1	43
30	Flexibility of Gut Microbiota in Ageing Individuals during Dietary Fiber Long-chain Inulin Intake. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000390.	3.3	42
31	Surveillance of acute hepatitis C in Cairo, Egypt. <i>Journal of Medical Virology</i> , 2005, 76, 520-525.	5.0	41
32	Understanding the host-microbe interactions using metabolic modeling. <i>Microbiome</i> , 2021, 9, 16.	11.1	41
33	Prebiotics, faecal transplants and microbial network units to stimulate biodiversity of the human gut microbiome. <i>Microbial Biotechnology</i> , 2013, 6, 335-340.	4.2	39
34	Gut microbiota-motility interregulation: insights from <i>in vivo</i> , <i>ex vivo</i> and <i>in silico</i> studies. <i>Gut Microbes</i> , 2022, 14, 1997296.	9.8	34
35	Gut bacterial deamination of residual levodopa medication for Parkinson’s disease. <i>BMC Biology</i> , 2020, 18, 137.	3.8	32
36	The Role of Supplemental Complex Dietary Carbohydrates and Gut Microbiota in Promoting Cardiometabolic and Immunological Health in Obesity: Lessons from Healthy Non-Obese Individuals. <i>Frontiers in Nutrition</i> , 2017, 4, 34.	3.7	31

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37	Bacterial Metabolites Mirror Altered Gut Microbiota Composition in Patients with Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2019, 9, S359-S370.	2.8	31
38	Contributions of Gut Bacteria and Diet to Drug Pharmacokinetics in the Treatment of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 1087.	2.4	29
39	A brief period of sleep deprivation leads to subtle changes in mouse gut microbiota. <i>Journal of Sleep Research</i> , 2020, 29, e12920.	3.2	28
40	Actions of Trace Amines in the Brain-Gut-Microbiome Axis via Trace Amine-Associated Receptor-1 (TAAR1). <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 191-201.	3.3	28
41	Epidemiological and virological characteristics of symptomatic acute hepatitis E in Greater Cairo, Egypt. <i>Clinical Microbiology and Infection</i> , 2012, 18, 982-988.	6.0	26
42	Gut bacteria-derived 5-hydroxyindole is a potent stimulant of intestinal motility via its action on L-type calcium channels. <i>PLoS Biology</i> , 2021, 19, e3001070.	5.6	21
43	Chromogranin A regulates gut permeability via the antagonistic actions of its proteolytic peptides. <i>Acta Physiologica</i> , 2021, 232, e13655.	3.8	20
44	Targeting the endocannabinoid system with microbial interventions to improve gut integrity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110169.	4.8	19
45	Human buccal epithelium acquires microbial hyporesponsiveness at birth, a role for secretory leukocyte protease inhibitor. <i>Gut</i> , 2015, 64, 884-893.	12.1	17
46	Gut bacterial tyrosine decarboxylase associates with clinical variables in a longitudinal cohort study of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 115.	5.3	17
47	Parkinson's Disease Medication Alters Small Intestinal Motility and Microbiota Composition in Healthy Rats. <i>MSystems</i> , 2022, 7, e0119121.	3.8	13
48	Molecular signatures for the dynamic process of establishing intestinal host-microbial homeostasis. <i>Current Opinion in Gastroenterology</i> , 2013, 29, 621-627.	2.3	10
49	Potential Modulatory Microbiome Therapies for Prevention or Treatment of Inflammatory Bowel Diseases. <i>Pharmaceuticals</i> , 2021, 14, 506.	3.8	8
50	Catestatin selects for colonization of antimicrobial-resistant gut bacterial communities. <i>ISME Journal</i> , 2022, 16, 1873-1882.	9.8	3
51	Gut microbiota transplantation drives the adoptive transfer of colonic genotype-phenotype characteristics between mice lacking catestatin and their wild type counterparts. <i>Gut Microbes</i> , 2022, 14, .	9.8	2
52	Stability of Methylphenidate under Various pH Conditions in the Presence or Absence of Gut Microbiota. <i>Pharmaceuticals</i> , 2021, 14, 733.	3.8	1
53	Increasing reproducibility and interpretability of microbiota-gut-brain studies on human neurocognition and intermediary microbial metabolites. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.7	1
54	Metabolic phenotyping reveals a potential link between elevated faecal amino acids, diet and symptom severity in individuals with severe mental illness. <i>Journal of Psychiatric Research</i> , 2022, 151, 507-515.	3.1	1