

Souhaila Al-Khodor

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,337
citations

236925

25
h-index

233421

45
g-index

62
all docs

62
docs citations

62
times ranked

2745
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional diversity of ankyrin repeats in microbial proteins. Trends in Microbiology, 2010, 18, 132-139.	7.7	178
2	Molecular Mimicry by an F-Box Effector of Legionella pneumophila Hijacks a Conserved Polyubiquitination Machinery within Macrophages and Protozoa. PLoS Pathogens, 2009, 5, e1000704.	4.7	156
3	A Dot/Icm-translocated ankyrin protein of Legionella pneumophila is required for intracellular proliferation within human macrophages and protozoa. Molecular Microbiology, 2008, 70, 908-923.	2.5	150
4	Chlamydial Entry Involves TARP Binding of Guanine Nucleotide Exchange Factors. PLoS Pathogens, 2008, 4, e1000014.	4.7	132
5	Gut microbiome and kidney disease: a bidirectional relationship. Pediatric Nephrology, 2017, 32, 921-931.	1.7	122
6	Role for the Ankyrin eukaryotic-like genes of Legionella pneumophila in parasitism of protozoan hosts and human macrophages. Environmental Microbiology, 2008, 10, 1460-1474.	3.8	108
7	The Microbiome and Blood Pressure: Can Microbes Regulate Our Blood Pressure?. Frontiers in Pediatrics, 2017, 5, 138.	1.9	102
8	The potential role of vitamin D supplementation as a gut microbiota modifier in healthy individuals. Scientific Reports, 2020, 10, 21641.	3.3	100
9	Human Microbiome and its Association With Health and Diseases. Journal of Cellular Physiology, 2016, 231, 1688-1694.	4.1	98
10	Microbiota medicine: towards clinical revolution. Journal of Translational Medicine, 2022, 20, 111.	4.4	87
11	Pathophysiology and treatment strategies for COVID-19. Journal of Translational Medicine, 2020, 18, 353.	4.4	71
12	The PmrA/PmrB Two-Component System of Legionella pneumophila Is a Global Regulator Required for Intracellular Replication within Macrophages and Protozoa. Infection and Immunity, 2009, 77, 374-386.	2.2	70
13	Cell biology and molecular ecology of Francisella tularensis. Cellular Microbiology, 2010, 12, 129-139.	2.1	68
14	Indispensable Role for the Eukaryotic-Like Ankyrin Domains of the Ankyrin B Effector of Legionella pneumophila within Macrophages and Amoebae. Infection and Immunity, 2010, 78, 2079-2088.	2.2	58
15	Host Factors Required for Modulation of Phagosome Biogenesis and Proliferation of Francisella tularensis within the Cytosol. PLoS ONE, 2010, 5, e11025.	2.5	57
16	Integrating omics for a better understanding of Inflammatory Bowel Disease: a step towards personalized medicine. Journal of Translational Medicine, 2019, 17, 419.	4.4	52
17	Role of the gut microbiota in the pathogenesis of coeliac disease and potential therapeutic implications. European Journal of Nutrition, 2020, 59, 3369-3390.	3.9	42
18	Oral microbiome and pregnancy: A bidirectional relationship. Journal of Reproductive Immunology, 2021, 145, 103293.	1.9	40

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19	Molecular Characterization of the Dot/Icm-Translocated Ankh and AnkJ Eukaryotic-Like Effectors of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 2010, 78, 1123-1134.	2.2	36
20	<i>Bacteroides cenocepacia</i> J2315 escapes to the cytosol and actively subverts autophagy in human macrophages. <i>Cellular Microbiology</i> , 2014, 16, 378-395.	2.1	35
21	Vaginal Microbiota and Cytokine Levels Predict Preterm Delivery in Asian Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639665.	3.9	34
22	Profiling the Salivary microbiome of the Qatari population. <i>Journal of Translational Medicine</i> , 2020, 18, 127.	4.4	33
23	Annexin A3 in sepsis: novel perspectives from an exploration of public transcriptome data. <i>Immunology</i> , 2020, 161, 291-302.	4.4	32
24	Inflammatory Bowel Disease Treatments and Predictive Biomarkers of Therapeutic Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6966.	4.1	32
25	Activator of G-Protein Signaling 3 Induced Lysosomal Biogenesis Limits Macrophage Intracellular Bacterial Infection. <i>Journal of Immunology</i> , 2016, 196, 846-856.	0.8	31
26	Vitamin D Deficiency in the Gulf Cooperation Council: Exploring the Triad of Genetic Predisposition, the Gut Microbiome and the Immune System. <i>Frontiers in Immunology</i> , 2019, 10, 1042.	4.8	31
27	The Human Microbiome in Chronic Kidney Disease: A Double-Edged Sword. <i>Frontiers in Medicine</i> , 2021, 8, 790783.	2.6	31
28	Evaluation of Methods for the Extraction of Microbial DNA From Vaginal Swabs Used for Microbiome Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 197.	3.9	27
29	COVID-19 Infection during Pregnancy: Risk of Vertical Transmission, Fetal, and Neonatal Outcomes. <i>Journal of Personalized Medicine</i> , 2021, 11, 483.	2.5	24
30	Microbiome as an Immunological Modifier. <i>Methods in Molecular Biology</i> , 2020, 2055, 595-638.	0.9	23
31	Breast Milk: A Meal Worth Having. <i>Frontiers in Nutrition</i> , 2021, 8, 800927.	3.7	22
32	Infections and Pregnancy: Effects on Maternal and Child Health. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	22
33	Development of a cell system for siRNA screening of pathogen responses in human and mouse macrophages. <i>Scientific Reports</i> , 2015, 5, 9559.	3.3	21
34	Triggering Ras signalling by intracellular <i>Francisella tularensis</i> through recruitment of PKC δ and β 1 to the SOS2/Grb2 complex is essential for bacterial proliferation in the cytosol. <i>Cellular Microbiology</i> , 2010, 12, 1604-1621.	2.1	18
35	Thousands of Qatari genomes inform human migration history and improve imputation of Arab haplotypes. <i>Nature Communications</i> , 2021, 12, 5929.	12.8	18
36	A prospective cohort for the investigation of alteration in temporal transcriptional and microbiome trajectories preceding preterm birth: a study protocol. <i>BMJ Open</i> , 2019, 9, e023417.	1.9	15

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37	Microbial Dysbiosis Tunes the Immune Response Towards Allergic Disease Outcomes. <i>Clinical Reviews in Allergy and Immunology</i> , 2023, 65, 43-71.	6.5	14
38	The Role of Polymorphisms in Vitamin D-Related Genes in Response to Vitamin D Supplementation. <i>Nutrients</i> , 2020, 12, 2608.	4.1	13
39	Corneal nerve loss in children with type 1 diabetes mellitus without retinopathy or microalbuminuria. <i>Journal of Diabetes Investigation</i> , 2020, 11, 1594-1601.	2.4	13
40	Actionable genomic variants in 6045 participants from the Qatar Genome Program. <i>Human Mutation</i> , 2021, 42, 1584-1601.	2.5	13
41	Temporal and differential regulation of expression of the eukaryotic-like ankyrin effectors of <i>Legionella pneumophila</i> . <i>Environmental Microbiology Reports</i> , 2010, 2, 677-684.	2.4	12
42	Azithromycin Exhibits Activity Against <i>Pseudomonas aeruginosa</i> in Chronic Rat Lung Infection Model. <i>Frontiers in Microbiology</i> , 2021, 12, 603151.	3.5	11
43	Exploring the Triple Interaction between the Host Genome, the Epigenome, and the Gut Microbiome in Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 125.	4.1	11
44	Distinctive Microbial Signatures and Gut-Brain Crosstalk in Pediatric Patients with Coeliac Disease and Type 1 Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1511.	4.1	10
45	DS86760016, a Leucyl-tRNA Synthetase Inhibitor with Activity against <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	9
46	Tipping the Balance: Vitamin D Inadequacy in Children Impacts the Major Gut Bacterial Phyla. <i>Biomedicines</i> , 2022, 10, 278.	3.2	7
47	A literature-based approach for curating gene signatures in multifaceted diseases. <i>Journal of Translational Medicine</i> , 2020, 18, 279.	4.4	6
48	Cohort profile: molecular signature in pregnancy (MSP): longitudinal high-frequency sampling to characterise cross-omic trajectories in pregnancy in a resource-constrained setting. <i>BMJ Open</i> , 2020, 10, e041631.	1.9	6
49	Corneal confocal microscopy identifies a reduction in corneal keratocyte density and sub-basal nerves in children with type 1 diabetes mellitus. <i>British Journal of Ophthalmology</i> , 2022, 106, 1368-1372.	3.9	6
50	Assay Development for Image-Based Quantification of Intracellular Bacterial Replication and Analysis of the Innate Immune Response to Infection. <i>Assay and Drug Development Technologies</i> , 2015, 13, 515-528.	1.2	5
51	Immunomodulatory Effects of Vitamin D Supplementation in a Deficient Population. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5041.	4.1	5
52	Can the Salivary Microbiome Predict Cardiovascular Diseases? Lessons Learned From the Qatari Population. <i>Frontiers in Microbiology</i> , 2021, 12, 772736.	3.5	5
53	Corneal confocal microscopy demonstrates minimal evidence of distal neuropathy in children with celiac disease. <i>PLoS ONE</i> , 2020, 15, e0238859.	2.5	4
54	The Salivary miRNome: A Promising Biomarker of Disease. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2021, 10, 29-38.	1.2	4

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55	Omouma: a prospective mother and child cohort aiming to identify early biomarkers of pregnancy complications in women living in Qatar. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 570.	2.4	3
56	The Impact of Nutritional Supplementation During Pregnancy on the Incidence of Gestational Diabetes and Glycaemia Control. <i>Frontiers in Nutrition</i> , 2022, 9, 867099.	3.7	3
57	“Armed for the future Coronavirus pandemic”: a promising use of the multimeric SARS-CoV-2 receptor binding domain nanoparticle as a new Pan-Coronavirus vaccine. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 305.	17.1	1
58	Indispensable Role for the Eukaryotic-Like Ankyrin Domains of the Ankyrin B Effector of <i>Legionella pneumophila</i> within Macrophages and Amoebae. <i>Infection and Immunity</i> , 2013, 81, 2660-2660.	2.2	0
59	Translational metagenomics. <i>Journal of Translational Medicine</i> , 2021, 19, 158.	4.4	0
60	Gut microbial influences on the adaptive immune system and the development of cow milk allergy. <i>Qatar Medical Journal</i> , 2022, 2022, .	0.5	0