

W Zac Stephens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6258713/publications.pdf>

Version: 2024-02-01

30
papers

4,259
citations

361413

20
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

5850
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a core gut microbiota in the zebrafish. ISME Journal, 2011, 5, 1595-1608.	9.8	990
2	Contribution of neutral processes to the assembly of gut microbial communities in the zebrafish over host development. ISME Journal, 2016, 10, 655-664.	9.8	627
3	The composition of the zebrafish intestinal microbial community varies across development. ISME Journal, 2016, 10, 644-654.	9.8	524
4	Expansion of Bacteriophages Is Linked to Aggravated Intestinal Inflammation and Colitis. Cell Host and Microbe, 2019, 25, 285-299.e8.	11.0	342
5	MyD88 Signaling in T Cells Directs IgA-Mediated Control of the Microbiota to Promote Health. Cell Host and Microbe, 2015, 17, 153-163.	11.0	277
6	T cell-mediated regulation of the microbiota protects against obesity. Science, 2019, 365, .	12.6	236
7	A member of the gut mycobiota modulates host purine metabolism exacerbating colitis in mice. Science Translational Medicine, 2017, 9, .	12.4	159
8	MHC variation sculpts individualized microbial communities that control susceptibility to enteric infection. Nature Communications, 2015, 6, 8642.	12.8	132
9	The enteric nervous system promotes intestinal health by constraining microbiota composition. PLoS Biology, 2017, 15, e2000689.	5.6	126
10	Study of Host-Microbe Interactions in Zebrafish. Methods in Cell Biology, 2011, 105, 87-116.	1.1	110
11	Adaptive immunity induces mutualism between commensal eukaryotes. Nature, 2021, 596, 114-118.	27.8	110
12	Ontogenetic Differences in Dietary Fat Influence Microbiota Assembly in the Zebrafish Gut. MBio, 2015, 6, e00687-15.	4.1	101
13	Retinoic acid is required for endodermal pouch morphogenesis and not for pharyngeal endoderm specification. Developmental Dynamics, 2006, 235, 2695-2709.	1.8	76
14	Microbiota promote secretory cell determination in the intestinal epithelium by modulating host Notch signaling. Development (Cambridge), 2018, 145, .	2.5	64
15	Identification of Population Bottlenecks and Colonization Factors during Assembly of Bacterial Communities within the Zebrafish Intestine. MBio, 2015, 6, e01163-15.	4.1	56
16	Investigating Bacterial-Animal Symbioses with Light Sheet Microscopy. Biological Bulletin, 2012, 223, 7-20.	1.8	48
17	Genome-Wide CRISPR-Cas9 Screen Identifies MicroRNAs That Regulate Myeloid Leukemia Cell Growth. PLoS ONE, 2016, 11, e0153689.	2.5	46
18	CIPR: a web-based R/shiny app and R package to annotate cell clusters in single cell RNA sequencing experiments. BMC Bioinformatics, 2020, 21, 191.	2.6	45

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19	The microbiota protects from viral-induced neurologic damage through microglia-intrinsic TLR signaling. <i>ELife</i> , 2019, 8, .	6.0	41
20	MicroRNA-155 coordinates the immunological landscape within murine melanoma and correlates with immunity in human cancers. <i>JCI Insight</i> , 2019, 4, .	5.0	31
21	Microbiota promotes systemic T-cell survival through suppression of an apoptotic factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5497-5502.	7.1	23
22	Draft Genome Sequence of <i>Aeromonas veronii</i> Hm21, a Symbiotic Isolate from the Medicinal Leech Digestive Tract. <i>Genome Announcements</i> , 2013, 1, .	0.8	22
23	Loss of <i>adenomatous polyposis coli</i> (<i>apc</i>) results in an expanded ciliary marginal zone in the zebrafish eye. <i>Developmental Dynamics</i> , 2010, 239, 2066-2077.	1.8	19
24	Does MHC heterozygosity influence microbiota form and function?. <i>PLoS ONE</i> , 2019, 14, e0215946.	2.5	18
25	Epithelial-myeloid exchange of MHC class II constrains immunity and microbiota composition. <i>Cell Reports</i> , 2021, 37, 109916.	6.4	14
26	<i>Fusobacterium nucleatum</i> and Clinicopathologic Features of Colorectal Cancer: Results From the ColoCare Study. <i>Clinical Colorectal Cancer</i> , 2021, 20, e165-e172.	2.3	12
27	IgA Targets the Troublemakers. <i>Cell Host and Microbe</i> , 2014, 16, 265-267.	11.0	9
28	Imaging Bacterial Colonization of the Zebrafish Gut with Selective Plane Illumination. <i>Biophysical Journal</i> , 2012, 102, 152a.	0.5	1
29	Retinoic acid is required for endodermal pouch morphogenesis and not for pharyngeal endoderm specification. <i>Developmental Dynamics</i> , 2006, 235, spc1-spc1.	1.8	0
30	Association between pretreatment <i>Fusobacterium nucleatum</i> and cancer pain at six months postsurgery in newly diagnosed colorectal cancer patients: Results from the ColoCare Study.. <i>Journal of Clinical Oncology</i> , 2019, 37, 3581-3581.	1.6	0