

Vincenzo Torraca

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,296
citations

394421

19
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

2234
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage-pathogen interactions in infectious diseases: new therapeutic insights from the zebrafish host model. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 785-797.	2.4	153
2	Zebrafish Infection: From Pathogenesis to Cell Biology. <i>Trends in Cell Biology</i> , 2018, 28, 143-156.	7.9	136
3	The CXCR3-CXCL11 signaling axis mediates macrophage recruitment and dissemination of mycobacterial infection. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 253-69.	2.4	129
4	Robotic injection of zebrafish embryos for high-throughput screening in disease models. <i>Methods</i> , 2013, 62, 246-254.	3.8	84
5	Macrophages target <i>Salmonella</i> by Lc3-associated phagocytosis in a systemic infection model. <i>Autophagy</i> , 2019, 15, 796-812.	9.1	82
6	Ultra-small graphene oxide functionalized with polyethylenimine (PEI) for very efficient gene delivery in cell and zebrafish embryos. <i>Nano Research</i> , 2012, 5, 703-709.	10.4	79
7	RNAseq Profiling of Leukocyte Populations in Zebrafish Larvae Reveals a <i>cxcl11</i> Chemokine Gene as a Marker of Macrophage Polarization During Mycobacterial Infection. <i>Frontiers in Immunology</i> , 2019, 10, 832.	4.8	76
8	Modeling Infectious Diseases in the Context of a Developing Immune System. <i>Current Topics in Developmental Biology</i> , 2017, 124, 277-329.	2.2	55
9	Septins restrict inflammation and protect zebrafish larvae from <i>Shigella</i> infection. <i>PLoS Pathogens</i> , 2017, 13, e1006467.	4.7	51
10	CXCR4 signaling regulates metastatic onset by controlling neutrophil motility and response to malignant cells. <i>Scientific Reports</i> , 2019, 9, 2399.	3.3	46
11	The inflammatory chemokine <i>Cxcl18b</i> exerts neutrophil-specific chemotaxis via the promiscuous chemokine receptor <i>Cxcr2</i> in zebrafish. <i>Developmental and Comparative Immunology</i> , 2017, 67, 57-65.	2.3	42
12	Chemokine Receptors and Phagocyte Biology in Zebrafish. <i>Frontiers in Immunology</i> , 2020, 11, 325.	4.8	40
13	Septins and Bacterial Infection. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 127.	3.7	39
14	In vivo biomolecular imaging of zebrafish embryos using confocal Raman spectroscopy. <i>Nature Communications</i> , 2020, 11, 6172.	12.8	36
15	The chemokine receptor CXCR4 promotes granuloma formation by sustaining a mycobacteria-induced angiogenesis programme. <i>Scientific Reports</i> , 2017, 7, 45061.	3.3	31
16	Frontline Science: Antagonism between regular and atypical <i>Cxcr3</i> receptors regulates macrophage migration during infection and injury in zebrafish. <i>Journal of Leukocyte Biology</i> , 2020, 107, 185-203.	3.3	31
17	<i>Shigella</i> -Induced Emergency Granulopoiesis Protects Zebrafish Larvae from Secondary Infection. <i>MBio</i> , 2018, 9, .	4.1	28
18	Deficiency in the autophagy modulator <i>Dram1</i> exacerbates pyroptotic cell death of Mycobacteria-infected macrophages. <i>Cell Death and Disease</i> , 2020, 11, 277.	6.3	27

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19	Shigella sonnei infection of zebrafish reveals that O-antigen mediates neutrophil tolerance and dysentery incidence. PLoS Pathogens, 2019, 15, e1008006.	4.7	22
20	<i>Shigella sonnei</i> O-Antigen Inhibits Internalization, Vacuole Escape, and Inflammasome Activation. MBio, 2019, 10, .	4.1	22
21	Shigella sonnei. Trends in Microbiology, 2020, 28, 696-697.	7.7	21
22	Functional analysis reveals no transcriptional role for the glucocorticoid receptor β -isoform in zebrafish. Molecular and Cellular Endocrinology, 2017, 447, 61-70.	3.2	18
23	Analysis tools to quantify dissemination of pathology in zebrafish larvae. Scientific Reports, 2020, 10, 3149.	3.3	14
24	Septins promote caspase activity and coordinate mitochondrial apoptosis. Cytoskeleton, 2023, 80, 254-265.	2.0	7
25	Disruption of Cxcr3 chemotactic signaling alters lysosomal function and renders macrophages more microbicidal. Cell Reports, 2021, 35, 109000.	6.4	3
26	Editorial: Zebrafish Models for Human Disease Studies. Frontiers in Cell and Developmental Biology, 2022, 10, 861941.	3.7	3
27	Editorial: Nucleic Acid-Associated Inflammation. Frontiers in Immunology, 2021, 12, 791580.	4.8	0
28	Disruption of Cxcr3 Chemotactic Signaling Alters Lysosomal Function and Renders Macrophages More Microbicidal. SSRN Electronic Journal, 0, , .	0.4	0