Manuel R Amieva

List of Publications by Year
in descending order

69 papers	7,884 citations	81900 39 h-index	114465 63 g-index
76 all docs	76 docs citations	76 times ranked	9774 citing authors

#	Article	IF	Citations
1	An infection-induced oxidation site regulates legumain processing and tumor growth. Nature Chemical Biology, 2022, 18, 698-705.	8.0	8
2	Engineered Matrices Enable the Culture of Human Patientâ€Derived Intestinal Organoids. Advanced Science, 2021, 8, 2004705.	11.2	40
3	Controlling the polarity of human gastrointestinal organoids to investigate epithelial biology and infectious diseases. Nature Protocols, 2021, 16, 5171-5192.	12.0	83
4	Enteroaggregative E. coli Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection. PLoS Pathogens, 2020, 16, e1008851.	4.7	24
5	IgE Effector Mechanisms, in Concert with Mast Cells, Contribute to Acquired Host Defense against Staphylococcus aureus. Immunity, 2020, 53, 793-804.e9.	14.3	38
6	Progenitor identification and SARS-CoV-2 infection in human distal lung organoids. Nature, 2020, 588, 670-675.	27.8	273
7	Retinoic Acid and Lymphotoxin Signaling Promote Differentiation of Human Intestinal M Cells. Gastroenterology, 2020, 159, 214-226.e1.	1.3	35
8	Title is missing!. , 2020, 16, e1008851.		0
9	Title is missing!. , 2020, 16, e1008851.		0
10	Title is missing!. , 2020, 16, e1008851.		0
11	Title is missing!. , 2020, 16, e1008851.		0
12	Human Intestinal Enteroids Model MHC-II in the Gut Epithelium. Frontiers in Immunology, 2019, 10, 1970.	4.8	24
13	Helicobacter pylori senses bleach (HOCl) as a chemoattractant using a cytosolic chemoreceptor. PLoS Biology, 2019, 17, e3000395.	5.6	42
14	High-resolution mapping reveals that microniches in the gastric glands control Helicobacter pylori colonization of the stomach. PLoS Biology, 2019, 17, e3000231.	5.6	72
15	Controlling Epithelial Polarity: A Human Enteroid Model for Host-Pathogen Interactions. Cell Reports, 2019, 26, 2509-2520.e4.	6.4	316
16	Profiling of rotavirus 3â€²UTR-binding proteins reveals the ATP synthase subunit ATP5B as a host factor that supports late-stage virus replication. Journal of Biological Chemistry, 2019, 294, 5993-6006.	3.4	26
17	A Multi-Institution Collaboration to Define Core Content and Design Flexible Curricular Components for a Foundational Medical School Course. Academic Medicine, 2019, 94, 819-825.	1.6	16
18	A Dock-and-Lock Mechanism Clusters ADAM10 at Cell-Cell Junctions to Promote Î±-Toxin Cytotoxicity. Cell Reports, 2018, 25, 2132-2147.e7.	6.4	40

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19	A Dual-Function Antibiotic-Transporter Conjugate Exhibits Superior Activity in Sterilizing MRSA Biofilms and Killing Persister Cells. Journal of the American Chemical Society, 2018, 140, 16140-16151.	13.7	109
20	Identification of a S. aureus virulence factor by activity-based protein profiling (ABPP). Nature Chemical Biology, 2018, 14, 609-617.	8.0	67
21	The soluble extracellular domain of Eâ€cadherin interferes with EPEC adherenceviainteraction with the Tir:intimin complex. FASEB Journal, 2018, 32, 6860-6868.	0.5	4
22	The Use of Short, Animated, Patient-Centered Springboard Videos to Underscore the Clinical Relevance of Preclinical Medical Student Education. Academic Medicine, 2017, 92, 961-965.	1.6	20
23	Stromal R-spondin orchestrates gastric epithelial stem cells and gland homeostasis. Nature, 2017, 548, 451-455.	27.8	159
24	The basolateral vesicle sorting machinery and basolateral proteins are recruited to the site of enteropathogenic E. coli microcolony growth at the apical membrane. PLoS ONE, 2017, 12, e0179122.	2.5	13
25	Multiple Acid Sensors Control Helicobacter pylori Colonization of the Stomach. PLoS Pathogens, 2017, 13, e1006118.	4.7	72
26	Pathobiology of Helicobacter pyloriâ€“Induced Gastric Cancer. Gastroenterology, 2016, 150, 64-78.	1.3	638
27	<scp>H</scp>elicobacter pyloriâ€¦<scp>C</scp>he<scp>Z</scp>_{HP} and <scp>C</scp>he<scp>P</scp>ep form a novel chemotaxisâ€regulatory complex distinct from the core chemotaxis signaling proteins and the flagellar motor. Molecular Microbiology, 2015, 97, 1063-1078.	2.5	29
28	Regulation ofHelicobacter pyloriVirulence Within the Context of Iron Deficiency. Journal of Infectious Diseases, 2015, 211, 1790-1794.	4.0	26
29	Helicobacter pylori Activates and Expands Lgr5+ Stem Cells Through Direct Colonization of the Gastric Glands. Gastroenterology, 2015, 148, 1392-1404.e21.	1.3	199
30	Quantitative Imaging of Gut Microbiota Spatial Organization. Cell Host and Microbe, 2015, 18, 478-488.	11.0	359
31	The adherens junctions control susceptibility to Staphylococcus aureus Î±-toxin. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14337-14342.	7.1	68
32	Chemodetection and Destruction of Host Urea Allows Helicobacter pylori to Locate the Epithelium. Cell Host and Microbe, 2015, 18, 147-156.	11.0	141
33	Three-Dimensional Human Skin Models to Understand Staphylococcus aureus Skin Colonization and Infection. Frontiers in Immunology, 2014, 5, 41.	4.8	57
34	A Pediatric Case of New Delhi Metallo-Î²-Lactamase-1â€“Producing Enterobacteriaceae in The United States. Pediatric Infectious Disease Journal, 2013, 32, 1291-1294.	2.0	16
35	Iron deficiency accelerates Helicobacter pyloriâ€“induced carcinogenesis in rodents and humans. Journal of Clinical Investigation, 2013, 123, 479-492.	8.2	155
36	The intestinal stem cell markers Bmi1 and Lgr5 identify two functionally distinct populations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 466-471.	7.1	683

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37	Shigella Navigates Tight Corners. Cell Host and Microbe, 2012, 11, 319-320.	11.0	1
38	Tolerance Rather Than Immunity Protects From Helicobacter pyloriâ€“Induced Gastric Preneoplasia. Gastroenterology, 2011, 140, 199-209.e8.	1.3	250
39	Iron Deficiency Amplifies Helicobacter pylori Virulence and Accelerates Gastric Carcinogenesis. Gastroenterology, 2011, 140, S-126.	1.3	0
40	ChePep Controls Helicobacter pylori Infection of the Gastric Glands and Chemotaxis in the Epsilonproteobacteria. MBio, 2011, 2, .	4.1	112
41	BMP promotes motility and represses growth of smooth muscle cells by activation of tandem Wnt pathways. Journal of Cell Biology, 2011, 192, 171-188.	5.2	64
42	Helicobacter pylori Perturbs Iron Trafficking in the Epithelium to Grow on the Cell Surface. PLoS Pathogens, 2011, 7, e1002050.	4.7	143
43	Listeria monocytogenes Internalin B Activates Junctional Endocytosis to Accelerate Intestinal Invasion. PLoS Pathogens, 2010, 6, e1000900.	4.7	86
44	Bone morphogenetic protein 2 induces pulmonary angiogenesis via Wntâ€“Î²-catenin and Wntâ€“RhoAâ€“Rac1 pathways. Journal of Cell Biology, 2009, 184, 83-99.	5.2	194
45	Helicobacter pylori Usurps Cell Polarity to Turn the Cell Surface into a Replicative Niche. PLoS Pathogens, 2009, 5, e1000407.	4.7	135
46	The Complete Genome Sequence of Helicobacter pylori Strain G27. Journal of Bacteriology, 2009, 191, 447-448.	2.2	183
47	Host-Bacterial Interactions in Helicobacter pylori Infection. Gastroenterology, 2008, 134, 306-323.	1.3	494
48	The role of bacterial pathogens in cancer. Current Opinion in Microbiology, 2007, 10, 76-81.	5.1	96
49	Listeria monocytogenes Invades the Epithelial Junctions at Sites of Cell Extrusion. PLoS Pathogens, 2006, 2, e3.	4.7	172
50	Helicobacter pylori and Gastric Cancer: What can be Learned by Studying the Response of Gastric Epithelial Cells to the Infection?. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1859-1864.	2.5	13
51	Helicobacter pylori CagA induces a transition from polarized to invasive phenotypes in MDCK cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16339-16344.	7.1	242
52	Important Bacterial Gastrointestinal Pathogens in Children: A Pathogenesis Perspective. Pediatric Clinics of North America, 2005, 52, 749-777.	1.8	36
53	Breaking into the epithelial apicalâ€“junctional complex â€” news from pathogen hackers. Current Opinion in Cell Biology, 2004, 16, 86-93.	5.4	68
54	Free latissimus dorsi flap used in treatment of cerebral aspergillosis: A case report and review of the literature. Microsurgery, 2003, 23, 313-316.	1.3	4

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55	Disruption of the Epithelial Apical-Junctional Complex by Helicobacter pylori CagA. Science, 2003, 300, 1430-1434.	12.6	678
56	Helicobacter pylorienter and survive within multivesicular vacuoles of epithelial cells. Cellular Microbiology, 2002, 4, 677-690.	2.1	178
57	Jarisch-Herxheimer reaction associated with ciprofloxacin administration for tick-borne relapsing fever. Pediatric Infectious Disease Journal, 2002, 21, 571-573.	2.0	23
58	Imaging of dynamic changes of the actin cytoskeleton in microextensions of live NIH3T3 cells with a GFP fusion of the F-actin binding domain of moesin. BMC Cell Biology, 2000, 1, 1.	3.0	23
59	The plasma membrane-actin linking protein, ezrin, is a glomerular epithelial cell marker in glomerulogenesis, in the adult kidney and in glomerular injury. Kidney International, 1998, 54, 1934-1944.	5.2	54
60	Hypoxia increases human keratinocyte motility on connective tissue.. Journal of Clinical Investigation, 1997, 100, 2881-2891.	8.2	112
61	Phosphorylation of558T of Moesin Detected by Site-Specific Antibodies in RAW264.7 Macrophages. Biochemical and Biophysical Research Communications, 1996, 226, 650-656.	2.1	40
62	The cytoskeletal linking proteins, moesin and radixin, are upregulated by platelet-derived growth factor, but not basic fibroblast growth factor in experimental mesangial proliferative glomerulonephritis.. Journal of Clinical Investigation, 1996, 97, 2499-2508.	8.2	66
63	Phosphorylation of Threonine 558 in the Carboxyl-terminal Actin-binding Domain of Moesin by Thrombin Activation of Human Platelets. Journal of Biological Chemistry, 1995, 270, 31377-31385.	3.4	179
64	Subcellular Localization of Moesin in Dynamic Filopodia, Retraction Fibers, and Other Structures Involved in Substrate Exploration, Attachment, and Cell-Cell Contacts. Experimental Cell Research, 1995, 219, 180-196.	2.6	141
65	Radixin Is a Component of Hepatocyte Microvilli in Situ. Experimental Cell Research, 1994, 210, 140-144.	2.6	65
66	Moesin, a new cytoskeletal protein and constituent of filopodia: Its role in cellular functions. Kidney International, 1992, 41, 665-670.	5.2	24
67	Early neurogenesis of the mouse olfactory nerve: Golgi and electron microscopic studies. Journal of Comparative Neurology, 1989, 288, 339-352.	1.6	108
68	The Gastric Cancer Registry: A Genomic Translational Resource for Multidisciplinary Research in Gastric Cancer. Cancer Epidemiology Biomarkers and Prevention, 0, , .	2.5	0
69	Approaches to integrating online videos into health professions curricula: educatorsâ€™ perspectives from multiple institutions. MedEdPublish, 0, 12, 52.	0.3	0