

# Manuel R Amieva

## List of Publications by Year in descending order

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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	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
2	Disruption of the Epithelial Apical-Junctional Complex by <i>Helicobacter pylori</i> CagA. Science, 2003, 300, 1430-1434.	12.6	678
3	Pathobiology of <i>Helicobacter pylori</i> -Induced Gastric Cancer. Gastroenterology, 2016, 150, 64-78.	1.3	638
4	Host-Bacterial Interactions in <i>Helicobacter pylori</i> Infection. Gastroenterology, 2008, 134, 306-323.	1.3	494
5	Quantitative Imaging of Gut Microbiota Spatial Organization. Cell Host and Microbe, 2015, 18, 478-488.	11.0	359
6	Controlling Epithelial Polarity: A Human Enteroid Model for Host-Pathogen Interactions. Cell Reports, 2019, 26, 2509-2520.e4.	6.4	316
7	Progenitor identification and SARS-CoV-2 infection in human distal lung organoids. Nature, 2020, 588, 670-675.	27.8	273
8	Tolerance Rather Than Immunity Protects From <i>Helicobacter pylori</i> -Induced Gastric Preneoplasia. Gastroenterology, 2011, 140, 199-209.e8.	1.3	250
9	<i>Helicobacter pylori</i> 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
10	<i>Helicobacter pylori</i> Activates and Expands Lgr5+ Stem Cells Through Direct Colonization of the Gastric Glands. Gastroenterology, 2015, 148, 1392-1404.e21.	1.3	199
11	Bone morphogenetic protein 2 induces pulmonary angiogenesis via Wnt $\beta$ -catenin and Wnt-RhoA-Rac1 pathways. Journal of Cell Biology, 2009, 184, 83-99.	5.2	194
12	The Complete Genome Sequence of <i>Helicobacter pylori</i> Strain G27. Journal of Bacteriology, 2009, 191, 447-448.	2.2	183
13	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
14	<i>Helicobacter pylori</i> enters and survive within multivesicular vacuoles of epithelial cells. Cellular Microbiology, 2002, 4, 677-690.	2.1	178
15	<i>Listeria monocytogenes</i> Invades the Epithelial Junctions at Sites of Cell Extrusion. PLoS Pathogens, 2006, 2, e3.	4.7	172
16	Stromal R-spondin orchestrates gastric epithelial stem cells and gland homeostasis. Nature, 2017, 548, 451-455.	27.8	159
17	Iron deficiency accelerates <i>Helicobacter pylori</i> -induced carcinogenesis in rodents and humans. Journal of Clinical Investigation, 2013, 123, 479-492.	8.2	155
18	<i>Helicobacter pylori</i> Perturbs Iron Trafficking in the Epithelium to Grow on the Cell Surface. PLoS Pathogens, 2011, 7, e1002050.	4.7	143

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19	Subcellular Localization of Moesin in Dynamic Filopodia, Retraction Fibers, and Other Structures Involved in Substrate Exploration, Attachment, and Cell-Cell Contacts. <i>Experimental Cell Research</i> , 1995, 219, 180-196.	2.6	141
20	Chemodetection and Destruction of Host Urea Allows <i>Helicobacter pylori</i> to Locate the Epithelium. <i>Cell Host and Microbe</i> , 2015, 18, 147-156.	11.0	141
21	<i>Helicobacter pylori</i> Usurps Cell Polarity to Turn the Cell Surface into a Replicative Niche. <i>PLoS Pathogens</i> , 2009, 5, e1000407.	4.7	135
22	ChePep Controls <i>Helicobacter pylori</i> Infection of the Gastric Glands and Chemotaxis in the <i>ε</i> -Proteobacteria. <i>MBio</i> , 2011, 2, .	4.1	112
23	Hypoxia increases human keratinocyte motility on connective tissue.. <i>Journal of Clinical Investigation</i> , 1997, 100, 2881-2891.	8.2	112
24	A Dual-Function Antibiotic-Transporter Conjugate Exhibits Superior Activity in Sterilizing MRSA Biofilms and Killing Persister Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 16140-16151.	13.7	109
25	Early neurogenesis of the mouse olfactory nerve: Golgi and electron microscopic studies. <i>Journal of Comparative Neurology</i> , 1989, 288, 339-352.	1.6	108
26	The role of bacterial pathogens in cancer. <i>Current Opinion in Microbiology</i> , 2007, 10, 76-81.	5.1	96
27	<i>Listeria monocytogenes</i> Internalin B Activates Junctional Endocytosis to Accelerate Intestinal Invasion. <i>PLoS Pathogens</i> , 2010, 6, e1000900.	4.7	86
28	Controlling the polarity of human gastrointestinal organoids to investigate epithelial biology and infectious diseases. <i>Nature Protocols</i> , 2021, 16, 5171-5192.	12.0	83
29	High-resolution mapping reveals that microniches in the gastric glands control <i>Helicobacter pylori</i> colonization of the stomach. <i>PLoS Biology</i> , 2019, 17, e3000231.	5.6	72
30	Multiple Acid Sensors Control <i>Helicobacter pylori</i> Colonization of the Stomach. <i>PLoS Pathogens</i> , 2017, 13, e1006118.	4.7	72
31	Breaking into the epithelial apical “junctional complex” news from pathogen hackers. <i>Current Opinion in Cell Biology</i> , 2004, 16, 86-93.	5.4	68
32	The adherens junctions control susceptibility to <i>Staphylococcus aureus</i> $\alpha$ -toxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14337-14342.	7.1	68
33	Identification of a <i>S. aureus</i> virulence factor by activity-based protein profiling (ABPP). <i>Nature Chemical Biology</i> , 2018, 14, 609-617.	8.0	67
34	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.. <i>Journal of Clinical Investigation</i> , 1996, 97, 2499-2508.	8.2	66
35	Radixin Is a Component of Hepatocyte Microvilli in Situ. <i>Experimental Cell Research</i> , 1994, 210, 140-144.	2.6	65
36	BMP promotes motility and represses growth of smooth muscle cells by activation of tandem Wnt pathways. <i>Journal of Cell Biology</i> , 2011, 192, 171-188.	5.2	64

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37	Three-Dimensional Human Skin Models to Understand Staphylococcus aureus Skin Colonization and Infection. <i>Frontiers in Immunology</i> , 2014, 5, 41.	4.8	57
38	The plasma membrane-actin linking protein, ezrin, is a glomerular epithelial cell marker in glomerulogenesis, in the adult kidney and in glomerular injury. <i>Kidney International</i> , 1998, 54, 1934-1944.	5.2	54
39	<i>Helicobacter pylori</i> senses bleach (HOCl) as a chemoattractant using a cytosolic chemoreceptor. <i>PLoS Biology</i> , 2019, 17, e3000395.	5.6	42
40	Phosphorylation of 558T of Moesin Detected by Site-Specific Antibodies in RAW264.7 Macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 650-656.	2.1	40
41	A Dock-and-Lock Mechanism Clusters ADAM10 at Cell-Cell Junctions to Promote $\hat{\pm}$ -Toxin Cytotoxicity. <i>Cell Reports</i> , 2018, 25, 2132-2147.e7.	6.4	40
42	Engineered Matrices Enable the Culture of Human Patient-Derived Intestinal Organoids. <i>Advanced Science</i> , 2021, 8, 2004705.	11.2	40
43	IgE Effector Mechanisms, in Concert with Mast Cells, Contribute to Acquired Host Defense against <i>Staphylococcus aureus</i> . <i>Immunity</i> , 2020, 53, 793-804.e9.	14.3	38
44	Important Bacterial Gastrointestinal Pathogens in Children: A Pathogenesis Perspective. <i>Pediatric Clinics of North America</i> , 2005, 52, 749-777.	1.8	36
45	Retinoic Acid and Lymphotoxin Signaling Promote Differentiation of Human Intestinal M Cells. <i>Gastroenterology</i> , 2020, 159, 214-226.e1.	1.3	35
46	<i>Helicobacter pylori</i> C <sub>HP</sub> and C <sub>HP</sub> P <sub>ep</sub> form a novel chemotaxis-regulatory complex distinct from the core chemotaxis signaling proteins and the flagellar motor. <i>Molecular Microbiology</i> , 2015, 97, 1063-1078.	2.5	29
47	Regulation of <i>Helicobacter pylori</i> Virulence Within the Context of Iron Deficiency. <i>Journal of Infectious Diseases</i> , 2015, 211, 1790-1794.	4.0	26
48	Profiling of rotavirus 3'UTR-binding proteins reveals the ATP synthase subunit ATP5B as a host factor that supports late-stage virus replication. <i>Journal of Biological Chemistry</i> , 2019, 294, 5993-6006.	3.4	26
49	Moesin, a new cytoskeletal protein and constituent of filopodia: Its role in cellular functions. <i>Kidney International</i> , 1992, 41, 665-670.	5.2	24
50	Human Intestinal Enteroids Model MHC-II in the Gut Epithelium. <i>Frontiers in Immunology</i> , 2019, 10, 1970.	4.8	24
51	Enteroaggregative <i>E. coli</i> Adherence to Human Heparan Sulfate Proteoglycans Drives Segment and Host Specific Responses to Infection. <i>PLoS Pathogens</i> , 2020, 16, e1008851.	4.7	24
52	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. <i>BMC Cell Biology</i> , 2000, 1, 1.	3.0	23
53	Jarisch-Herxheimer reaction associated with ciprofloxacin administration for tick-borne relapsing fever. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 571-573.	2.0	23
54	The Use of Short, Animated, Patient-Centered Springboard Videos to Underscore the Clinical Relevance of Preclinical Medical Student Education. <i>Academic Medicine</i> , 2017, 92, 961-965.	1.6	20

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55	A Pediatric Case of New Delhi Metallo- $\beta$ -Lactamase-1 $\beta$ -Producing Enterobacteriaceae in The United States. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1291-1294.	2.0	16
56	A Multi-Institution Collaboration to Define Core Content and Design Flexible Curricular Components for a Foundational Medical School Course. <i>Academic Medicine</i> , 2019, 94, 819-825.	1.6	16
57	<i>Helicobacter pylori</i> and Gastric Cancer: What can be Learned by Studying the Response of Gastric Epithelial Cells to the Infection?. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1859-1864.	2.5	13
58	The basolateral vesicle sorting machinery and basolateral proteins are recruited to the site of enteropathogenic <i>E. coli</i> microcolony growth at the apical membrane. <i>PLoS ONE</i> , 2017, 12, e0179122.	2.5	13
59	An infection-induced oxidation site regulates legumain processing and tumor growth. <i>Nature Chemical Biology</i> , 2022, 18, 698-705.	8.0	8
60	Free latissimus dorsi flap used in treatment of cerebral aspergillosis: A case report and review of the literature. <i>Microsurgery</i> , 2003, 23, 313-316.	1.3	4
61	The soluble extracellular domain of E-cadherin interferes with EPEC adherence via interaction with the Tir: intimin complex. <i>FASEB Journal</i> , 2018, 32, 6860-6868.	0.5	4
62	<i>Shigella</i> Navigates Tight Corners. <i>Cell Host and Microbe</i> , 2012, 11, 319-320.	11.0	1
63	Iron Deficiency Amplifies <i>Helicobacter pylori</i> Virulence and Accelerates Gastric Carcinogenesis. <i>Gastroenterology</i> , 2011, 140, S-126.	1.3	0
64	Title is missing!. , 2020, 16, e1008851.		0
65	Title is missing!. , 2020, 16, e1008851.		0
66	Title is missing!. , 2020, 16, e1008851.		0
67	Title is missing!. , 2020, 16, e1008851.		0
68	The Gastric Cancer Registry: A Genomic Translational Resource for Multidisciplinary Research in Gastric Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 0, , .	2.5	0
69	Approaches to integrating online videos into health professions curricula: educators $\text{\textsuperscript{TM}}$ perspectives from multiple institutions. <i>MedEdPublish</i> , 0, 12, 52.	0.3	0