

# Miguel O'Ryan

## List of Publications by Year in descending order

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94  
papers

6,913  
citations

87888

38  
h-index

58581

82  
g-index

127  
all docs

127  
docs citations

127  
times ranked

6250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Efficacy of an Attenuated Vaccine against Severe Rotavirus Gastroenteritis. <i>New England Journal of Medicine</i> , 2006, 354, 11-22.	27.0	1,677
2	Norovirus Illness Is a Global Problem: Emergence and Spread of Norovirus GII.4 Variants, 2001–2007. <i>Journal of Infectious Diseases</i> , 2009, 200, 802-812.	4.0	596
3	Rotavirus infection. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17083.	30.5	419
4	Efficacy and safety of an oral live attenuated human rotavirus vaccine against rotavirus gastroenteritis during the first 2 years of life in Latin American infants: a randomised, double-blind, placebo-controlled phase III study. <i>Lancet, The</i> , 2008, 371, 1181-1189.	13.7	365
5	Immunogenicity and tolerability of a multicomponent meningococcal serogroup B (4CMenB) vaccine in healthy adolescents in Chile: a phase 2b/3 randomised, observer-blind, placebo-controlled study. <i>Lancet, The</i> , 2012, 379, 617-624.	13.7	221
6	Variability of Human Milk Neutral Oligosaccharides in a Diverse Population. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 30, 181-192.	1.8	207
7	Prospective, Multicenter Evaluation of Risk Factors Associated With Invasive Bacterial Infection in Children With Cancer, Neutropenia, and Fever. <i>Journal of Clinical Oncology</i> , 2001, 19, 3415-3421.	1.6	203
8	A millennium update on pediatric diarrheal illness in the developing world. <i>Seminars in Pediatric Infectious Diseases</i> , 2005, 16, 125-136.	1.7	202
9	Prospective Evaluation of a Model of Prediction of Invasive Bacterial Infection Risk among Children with Cancer, Fever, and Neutropenia. <i>Clinical Infectious Diseases</i> , 2002, 35, 678-683.	5.8	137
10	A Multi-Component Meningococcal Serogroup B Vaccine (4CMenB): The Clinical Development Program. <i>Drugs</i> , 2014, 74, 15-30.	10.9	125
11	Acute Diarrhea in West African Children: Diverse Enteric Viruses and a Novel Parvovirus Genus. <i>Journal of Virology</i> , 2012, 86, 11024-11030.	3.4	120
12	Pertussis Prevention: Reasons for Resurgence, and Differences in the Current Acellular Pertussis Vaccines. <i>Frontiers in Immunology</i> , 2019, 10, 1344.	4.8	105
13	Early Hospital Discharge Followed by Outpatient Management Versus Continued Hospitalization of Children With Cancer, Fever, and Neutropenia at Low Risk for Invasive Bacterial Infection. <i>Journal of Clinical Oncology</i> , 2004, 22, 3784-3789.	1.6	91
14	Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Prevalence in Blood in a Large School Community Subject to a Coronavirus Disease 2019 Outbreak: A Cross-sectional Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e458-e465.	5.8	87
15	Prevalence of Astrovirus Infection among Chilean Children with Acute Gastroenteritis. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3691-3693.	3.9	85
16	Rotavirus-associated medical visits and hospitalizations in South America: a prospective study at three large sentinel hospitals. <i>Pediatric Infectious Disease Journal</i> , 2001, 20, 685-693.	2.0	81
17	Rotarix <sup>®</sup> (RIX4414): an oral human rotavirus vaccine. <i>Expert Review of Vaccines</i> , 2007, 6, 11-19.	4.4	78
18	Review: Prevalence and dynamics of <i>Helicobacter pylori</i> infection during childhood. <i>Helicobacter</i> , 2017, 22, e12399.	3.5	75

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19	Persistence of antibodies in adolescents 18~24 months after immunization with one, two, or three doses of 4CMenB meningococcal serogroup B vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2304-2310.	3.3	69
20	Global Perspectives on Immunization During Pregnancy and Priorities for Future Research and Development: An International Consensus Statement. <i>Frontiers in Immunology</i> , 2020, 11, 1282.	4.8	68
21	Predictors of Severe Sepsis Not Clinically Apparent During the First Twenty-Four Hours of Hospitalization in Children With Cancer, Neutropenia, and Fever. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 538-543.	2.0	67
22	Inactivated poliovirus vaccine given alone or in a sequential schedule with bivalent oral poliovirus vaccine in Chilean infants: a randomised, controlled, open-label, phase 4, non-inferiority study. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1273-1282.	9.1	65
23	The Ever-Changing Landscape of Rotavirus Serotypes. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, S60-S62.	2.0	61
24	Impact of the Novel Influenza A (H1N1) during the 2009 Autumn~Winter Season in a Large Hospital Setting in Santiago, Chile. <i>Clinical Infectious Diseases</i> , 2010, 50, 860-868.	5.8	61
25	Two year review of intestinal intussusception in six large public hospitals of Santiago, Chile. <i>Pediatric Infectious Disease Journal</i> , 2003, 22, 717-721.	2.0	60
26	Update on Rotarix®, an oral human rotavirus vaccine. <i>Expert Review of Vaccines</i> , 2009, 8, 1627-1641.	4.4	59
27	Risk Factors Associated With Invasive Fungal Disease in Children With Cancer and Febrile Neutropenia. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 816-821.	2.0	58
28	Symptomatic and Asymptomatic Rotavirus and Norovirus Infections During Infancy in a Chilean Birth Cohort. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 879-884.	2.0	56
29	Admission Clinical and Laboratory Factors Associated With Death in Children With Cancer During a Febrile Neutropenic Episode. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 794-798.	2.0	55
30	Human Caliciviruses Are a Significant Pathogen of Acute Sporadic Diarrhea in Children of Santiago, Chile. <i>Journal of Infectious Diseases</i> , 2000, 182, 1519-1522.	4.0	51
31	The current situation of meningococcal disease in Latin America and updated Global Meningococcal Initiative (GMI) recommendations. <i>Vaccine</i> , 2015, 33, 6529-6536.	3.8	49
32	Cefepime in the empiric treatment of meningitis in children. <i>Pediatric Infectious Disease Journal</i> , 2001, 20, 356-361.	2.0	47
33	Seroprevalence of Norwalk Virus and Mexico Virus in Chilean Individuals: Assessment of Independent Risk Factors for Antibody Acquisition. <i>Clinical Infectious Diseases</i> , 1998, 27, 789-795.	5.8	45
34	Vaccines for viral and bacterial pathogens causing acute gastroenteritis: Part II: Vaccines for <i>Shigella</i> , <i>Salmonella</i> , enterotoxigenic <i>E. coli</i> (ETEC) enterohemorrhagic <i>E. coli</i> (EHEC) and <i>Campylobacter jejuni</i> . <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 601-619.	3.3	45
35	Global epidemiology of serogroup B meningococcal disease and opportunities for prevention with novel recombinant protein vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 1042-1057.	3.3	44
36	Impact of Rotavirus Infections on Outpatient Clinic Visits in Chile. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 41-45.	2.0	42

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37	Persistent and Transient <i>Helicobacter pylori</i> Infections in Early Childhood. <i>Clinical Infectious Diseases</i> , 2015, 61, 211-218.	5.8	41
38	Rotarix <sup>®</sup> : vaccine performance 6 years postlicensure. <i>Expert Review of Vaccines</i> , 2011, 10, 1645-1659.	4.4	40
39	Dynamics of <i>Helicobacter pylori</i> Detection in Stools During the First 5 Years of Life in Chile, a Rapidly Developing Country. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 99-103.	2.0	40
40	Novel Recombinant Norovirus Causing Outbreaks of Gastroenteritis in Santiago, Chile. <i>Journal of Clinical Microbiology</i> , 2006, 44, 2271-2275.	3.9	38
41	Prospective Characterization of Norovirus Compared With Rotavirus Acute Diarrhea Episodes in Chilean Children. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 855-859.	2.0	36
42	The fecal virome of South and Central American children with diarrhea includes small circular DNA viral genomes of unknown origin. <i>Archives of Virology</i> , 2016, 161, 959-966.	2.1	36
43	Norovirus in Latin America. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 127-134.	2.0	35
44	Effect of Maternal Rotavirus Immunization on Milk and Serum Antibody Titers. <i>Journal of Infectious Diseases</i> , 1995, 172, 723-728.	4.0	33
45	Antibody persistence and booster response in adolescents and young adults 4 and 7.5 years after immunization with 4CMenB vaccine. <i>Vaccine</i> , 2019, 37, 1209-1218.	3.8	33
46	Vaccines for viral and bacterial pathogens causing acute gastroenteritis: Part I: Overview, vaccines for enteric viruses and <i>Vibrio cholerae</i> . <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 584-600.	3.3	32
47	Acquisition of serum isotype-specific and G type-specific antirotavirus antibodies among children in day care centers. <i>Pediatric Infectious Disease Journal</i> , 1994, 13, 890-895.	2.0	31
48	New rotavirus vaccines: Renewed optimism. <i>Journal of Pediatrics</i> , 2006, 149, 448-451.	1.8	28
49	Vaccination with a multicomponent meningococcal B vaccine in prevention of disease in adolescents and young adults. <i>Vaccine</i> , 2015, 33, 4437-4445.	3.8	28
50	Management of acute infectious diarrhea for children living in resource-limited settings. <i>Expert Review of Anti-Infective Therapy</i> , 2014, 12, 621-632.	4.4	27
51	Rotavirus Serum IgA Immune Response in Children Receiving Rotarix Coadministered With bOPV or IPV. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1137-1139.	2.0	27
52	ACUTE GASTROENTERITIS IN LATIN AMERICA. <i>Infectious Disease Clinics of North America</i> , 1994, 8, 77-106.	5.1	27
53	Distinctive Gut Microbiota Is Associated with Diarrheagenic <i>Escherichia coli</i> Infections in Chilean Children. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 424.	3.9	26
54	Norovirus and Rotavirus Disease Severity in Children: Systematic Review and Meta-analysis. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 501-505.	2.0	26

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55	Diagnosis of Bacteremia in Febrile Neutropenic Episodes in Children With Cancer. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 957-961.	2.0	25
56	Prospective Validation of a Risk Prediction Model for Severe Sepsis in Children With Cancer and High-risk Febrile Neutropenia. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1318-1323.	2.0	22
57	Gastric Damage and Cancer-Associated Biomarkers in <i>Helicobacter pylori</i> -Infected Children. <i>Frontiers in Microbiology</i> , 2020, 11, 90.	3.5	22
58	Differential Time to Positivity and Quantitative Cultures for Noninvasive Diagnosis of Catheter-Related Blood Stream Infection in Children. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 681-685.	2.0	20
59	Rotavirus vaccines for the developing world. <i>Current Opinion in Infectious Diseases</i> , 2009, 22, 483-489.	3.1	19
60	An update on management of severe acute infectious gastroenteritis in children. <i>Expert Review of Anti-Infective Therapy</i> , 2010, 8, 671-682.	4.4	19
61	Norovirus: Facts and Reflections from Past, Present, and Future. <i>Viruses</i> , 2021, 13, 2399.	3.3	19
62	Human rotavirus vaccine (<i>Rotarix</i>): focus on effectiveness and impact 6 years after first introduction in Africa. <i>Expert Review of Vaccines</i> , 2015, 14, 1099-1112.	4.4	18
63	Caliciviruses and Foodborne Gastroenteritis, Chile. <i>Emerging Infectious Diseases</i> , 2005, 11, 1134-1137.	4.3	17
64	Development and validation of a microarray for the confirmation and typing of norovirus RT-PCR products. <i>Journal of Virological Methods</i> , 2011, 173, 233-250.	2.1	16
65	Coronavirus Disease-19: An Interim Evidence Synthesis of the World Association for Infectious Diseases and Immunological Disorders (Waidid). <i>Frontiers in Medicine</i> , 2020, 7, 572485.	2.6	15
66	Rotavirus Vaccines: a story of success with challenges ahead. <i>F1000Research</i> , 2017, 6, 1517.	1.6	15
67	Impact of Maternal Antibody on the Immunogenicity of Inactivated Polio Vaccine in Infants Immunized With Bivalent Oral Polio Vaccine: Implications for the Polio Eradication Endgame. <i>Clinical Infectious Diseases</i> , 2018, 67, S57-S65.	5.8	14
68	Molecular epidemiology of human rotaviruses in Santiago, Chile. <i>Pediatric Infectious Disease Journal</i> , 1997, 16, 305-311.	2.0	14
69	Genomic and antigenic variation among rotavirus strains circulating in a large city of Argentina. <i>Journal of Medical Virology</i> , 2000, 61, 504-509.	5.0	13
70	<i>Helicobacter pylori</i> cagA+ Is Associated with Milder Duodenal Histological Changes in Chilean Celiac Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 376.	3.9	13
71	Exploring the relationship between polio type 2 serum neutralizing antibodies and intestinal immunity using data from two randomized controlled trials of new bOPV-IPV immunization schedules. <i>Vaccine</i> , 2017, 35, 7283-7291.	3.8	11
72	The Role of Serology Testing in the Context of Immunization Policies for COVID-19 in Latin American Countries. <i>Viruses</i> , 2021, 13, 2391.	3.3	11

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73	Norovirus compared to other relevant etiologies of acute gastroenteritis among families from a semirural county in Chile. <i>International Journal of Infectious Diseases</i> , 2020, 101, 353-360.	3.3	9
74	A cross sectional study found differential risks for COVID-19 seropositivity amongst health care professionals in Chile. <i>Journal of Clinical Epidemiology</i> , 2022, 144, 72-83.	5.0	9
75	Clinical development, registration, and introduction of human rotavirus vaccine: The Latin American experience. <i>Trials in Vaccinology</i> , 2012, 1, 10-20.	1.2	8
76	Predominance of Rotavirus G8P[8] in a City in Chile, a Country Without Rotavirus Vaccination. <i>Journal of Pediatrics</i> , 2019, 204, 298-300.e1.	1.8	8
77	Parenteral protein-based rotavirus vaccine. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 786-787.	9.1	7
78	Enteric viruses in wastewaters: an interesting approach to evaluate the potential impact of rotavirus vaccination on viral circulation. <i>Expert Review of Vaccines</i> , 2012, 11, 419-422.	4.4	6
79	Detection of <i>Helicobacter pylori</i> by Real-Time PCR for 16s rRNA in Stools of NonInfected Healthy Children, Using ELISA Antigen Stool Test as the Gold Standard. <i>Helicobacter</i> , 2016, 21, 606-612.	3.5	6
80	The burden of norovirus disease in children: a multi-country study in Chile, Brazil, Thailand and the Philippines. <i>International Journal of Infectious Diseases</i> , 2021, 109, 77-84.	3.3	6
81	Microorganisms Responsible for Neonatal Diarrhea. , 2011, , 359-418.		5
82	Parent reported outcomes to measure satisfaction, acceptability, and daily life impact after vaccination with whole-cell and acellular pertussis vaccine in Chile. <i>Vaccine</i> , 2020, 38, 6704-6713.	3.8	5
83	Effect of <i>Helicobacter pylori</i> eradication therapy on clinical and laboratory biomarkers associated with gastric damage in healthy school-aged children: A randomized non-blinded trial. <i>Helicobacter</i> , 2021, 26, e12853.	3.5	5
84	Can we defeat meningococcal disease in low and middle income countries?. <i>Vaccine</i> , 2012, 30, B63-B66.	3.8	4
85	<i>Helicobacter pylori</i> , clinical, laboratory, and noninvasive biomarkers suggestive of gastric damage in healthy school-aged children: A case-control study. <i>International Journal of Infectious Diseases</i> , 2021, 103, 423-430.	3.3	4
86	Indications for <i>Helicobacter pylori</i> Eradication. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, e86-e87.	1.8	3
87	SARS-COV-2 IgG positivity in vaccinated and non-vaccinated Chilean children: a national cross-sectional study in schools. <i>International Journal of Infectious Diseases</i> , 2022, 121, 89-91.	3.3	3
88	Rotavirus vaccines roll-out in resource-deprived regions. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 368-370.	9.1	1
89	Safeguarding vaccine production and supply strategies for polio eradication endgame. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 11, 100159.	2.9	1
90	Therapy of acute purulent otitis media with dibenzylethylenediamine dipenicillin G.. <i>Journal of Pediatrics</i> , 2004, 144, 269.	1.8	0

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91	Meningococcal infections: With particular reference to fulminant meningococemia (Waterhouse-Friderichsen Syndrome) treated with cortisone and norepinephrine. Journal of Pediatrics, 2004, 145, 234.	1.8	0
92	3 Determination of Rotavirus Serotypes in Children Younger than 36 Months of Age with Acute Gastroenteritis and Deshydration in the Concepci3n - Talcahuano Area, Chile. Pediatric Research, 2005, 57, 920-920.	2.3	0
93	Rotavirus vaccine for developing countries " Authors' reply. Lancet, The, 2008, 372, 445.	13.7	0
94	Miguel O'Ryan Gallardo, nuevo miembro en la Academia de Medicina de Chile. Revista Chilena De Infectologia, 2012, 29, 487-491.	0.1	0