

# Gregor Gorkiewicz

## List of Publications by Year in descending order

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95  
papers

7,557  
citations

87843

38  
h-index

54882

84  
g-index

104  
all docs

104  
docs citations

104  
times ranked

11821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defective Lipolysis and Altered Energy Metabolism in Mice Lacking Adipose Triglyceride Lipase. <i>Science</i> , 2006, 312, 734-737.	6.0	1,135
2	Adipose triglyceride lipase-mediated lipolysis of cellular fat stores is activated by CGI-58 and defective in Chanarin-Dorfman Syndrome. <i>Cell Metabolism</i> , 2006, 3, 309-319.	7.2	766
3	Cognitive impairment by antibiotic-induced gut dysbiosis: Analysis of gut microbiota-brain communication. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 140-155.	2.0	500
4	Adipose Triglyceride Lipase Contributes to Cancer-Associated Cachexia. <i>Science</i> , 2011, 333, 233-238.	6.0	475
5	<i>Klebsiella oxytoca</i> as a Causative Organism of Antibiotic-Associated Hemorrhagic Colitis. <i>New England Journal of Medicine</i> , 2006, 355, 2418-2426.	13.9	320
6	Alterations in Gut Microbiome Composition and Barrier Function Are Associated with Reproductive and Metabolic Defects in Women with Polycystic Ovary Syndrome (PCOS): A Pilot Study. <i>PLoS ONE</i> , 2017, 12, e0168390.	1.1	253
7	Pulmonary pathology and COVID-19: lessons from autopsy. The experience of European Pulmonary Pathologists. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 359-372.	1.4	237
8	Alteration of Intestinal Dysbiosis by Fecal Microbiota Transplantation Does not Induce Remission in Patients with Chronic Active Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2155-2165.	0.9	216
9	Effects of high doses of vitamin D3 on mucosa-associated gut microbiome vary between regions of the human gastrointestinal tract. <i>European Journal of Nutrition</i> , 2016, 55, 1479-1489.	1.8	185
10	The taxonomic composition of the donor intestinal microbiota is a major factor influencing the efficacy of faecal microbiota transplantation in therapy refractory ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 67-77.	1.9	154
11	A step ahead: Exploring the gut microbiota in inpatients with bipolar disorder during a depressive episode. <i>Bipolar Disorders</i> , 2019, 21, 40-49.	1.1	149
12	Selective Manipulation of the Gut Microbiota Improves Immune Status in Vertebrates. <i>Frontiers in Immunology</i> , 2015, 6, 512.	2.2	145
13	Gastric <i>Helicobacter pylori</i> Infection Affects Local and Distant Microbial Populations and Host Responses. <i>Cell Reports</i> , 2016, 14, 1395-1407.	2.9	122
14	Gut microbiota and body composition in anorexia nervosa inpatients in comparison to athletes, overweight, obese, and normal weight controls. <i>International Journal of Eating Disorders</i> , 2017, 50, 1421-1431.	2.1	119
15	<i>Vibrio cholerae</i> Evades Neutrophil Extracellular Traps by the Activity of Two Extracellular Nucleases. <i>PLoS Pathogens</i> , 2013, 9, e1003614.	2.1	111
16	Repeated fecal microbiota transplantations attenuate diarrhea and lead to sustained changes in the fecal microbiota in acute, refractory gastrointestinal graft-versus-host-disease. <i>Haematologica</i> , 2017, 102, e210-e213.	1.7	111
17	Microorganisms in Confined Habitats: Microbial Monitoring and Control of Intensive Care Units, Operating Rooms, Cleanrooms and the International Space Station. <i>Frontiers in Microbiology</i> , 2016, 7, 1573.	1.5	106
18	Gut microbiota, dietary intakes and intestinal permeability reflected by serum zonulin in women. <i>European Journal of Nutrition</i> , 2018, 57, 2985-2997.	1.8	106

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19	Alterations in the Colonic Microbiota in Response to Osmotic Diarrhea. PLoS ONE, 2013, 8, e55817.	1.1	102
20	Enterotoxicity of a nonribosomal peptide causes antibiotic-associated colitis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13181-13186.	3.3	96
21	Species-Specific Identification of Campylobacters by Partial 16S rRNA Gene Sequencing. Journal of Clinical Microbiology, 2003, 41, 2537-2546.	1.8	90
22	Adipose triglyceride lipase plays a key role in the supply of the working muscle with fatty acids. Journal of Lipid Research, 2010, 51, 490-499.	2.0	89
23	G0/G1 switch gene-2 regulates human adipocyte lipolysis by affecting activity and localization of adipose triglyceride lipase. Journal of Lipid Research, 2012, 53, 2307-2317.	2.0	88
24	Between inflammation and thrombosis: endothelial cells in COVID-19. European Respiratory Journal, 2021, 58, 2100377.	3.1	86
25	Critical Issues in Mycobiota Analysis. Frontiers in Microbiology, 2017, 8, 180.	1.5	83
26	Autopsy Proven Pulmonary Mucormycosis Due to Rhizopus microsporus in a Critically Ill COVID-19 Patient with Underlying Hematological Malignancy. Journal of Fungi (Basel, Switzerland), 2021, 7, 88.	1.5	79
27	Nosocomial and antibiotic-associated diarrhoea caused by organisms other than Clostridium difficile. International Journal of Antimicrobial Agents, 2009, 33, S37-S41.	1.1	71
28	Role of <i>Klebsiella oxytoca</i> in Antibiotic-Associated Diarrhea. Clinical Infectious Diseases, 2008, 47, e74-e78.	2.9	69
29	Genotypes of <i>Klebsiella oxytoca</i> Isolates from Patients with Nosocomial Pneumonia Are Distinct from Those of Isolates from Patients with Antibiotic-Associated Hemorrhagic Colitis. Journal of Clinical Microbiology, 2014, 52, 1607-1616.	1.8	69
30	Transmission of <i>Campylobacter hyointestinalis</i> from a Pig to a Human. Journal of Clinical Microbiology, 2002, 40, 2601-2605.	1.8	67
31	Long-term remission after allogeneic hematopoietic stem cell transplantation in LPS-responsive beige-like anchor (LRBA) deficiency. Journal of Allergy and Clinical Immunology, 2015, 135, 1384-1390.e8.	1.5	65
32	Loss of adipose triglyceride lipase is associated with human cancer and induces mouse pulmonary neoplasia. Oncotarget, 2016, 7, 33832-33840.	0.8	63
33	Antifungal prophylaxis for prevention of COVID-19-associated pulmonary aspergillosis in critically ill patients: an observational study. Critical Care, 2021, 25, 335.	2.5	61
34	Gut microbiome: a new player in gastrointestinal disease. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 472, 159-172.	1.4	59
35	Cytotoxic Effects of <i>Klebsiella oxytoca</i> Strains Isolated from Patients with Antibiotic-Associated Hemorrhagic Colitis or Other Diseases Caused by Infections and from Healthy Subjects. Journal of Clinical Microbiology, 2010, 48, 817-824.	1.8	49
36	Characterisation of <i>Candida</i> within the Mycobiome/Microbiome of the Lower Respiratory Tract of ICU Patients. PLoS ONE, 2016, 11, e0155033.	1.1	45

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37	<i>Klebsiella oxytoca</i> enterotoxins tilimycin and tilivalline have distinct host DNA-damaging and microtubule-stabilizing activities. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3774-3783.	3.3	45
38	<i>Propionibacterium acnes</i> overabundance and natural killer group 2 member D system activation in corpusâ€dominant lymphocytic gastritis. Journal of Pathology, 2016, 240, 425-436.	2.1	42
39	A Genomic Island Defines Subspecies-Specific Virulence Features of the Host-Adapted Pathogen <i>Campylobacter fetus</i> subsp. <i>venerealis</i> . Journal of Bacteriology, 2010, 192, 502-517.	1.0	41
40	Chronic non-bacterial osteomyelitis: a comparative study between children and adults. Pediatric Rheumatology, 2019, 17, 49.	0.9	40
41	Antibiotic-Associated Apoptotic Enterocolitis in the Absence of a Defined Pathogen: The Role of Intestinal Microbiota Depletion*. Critical Care Medicine, 2017, 45, e600-e606.	0.4	38
42	Mycobiome in the Lower Respiratory Tract â€ A Clinical Perspective. Frontiers in Microbiology, 2016, 07, 2169.	1.5	36
43	Molecular Profiling of Keratinocyte Skin Tumors Links <i>Staphylococcus aureus</i> Overabundance and Increased Human Î²-Defensin-2 Expression to Growth Promotion of Squamous Cell Carcinoma. Cancers, 2020, 12, 541.	1.7	36
44	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. Blood Advances, 2022, 6, 1074-1087.	2.5	35
45	High Prevalence of VanA-Type Vancomycin-Resistant Enterococci in Austrian Poultry. Applied and Environmental Microbiology, 2005, 71, 6407-6409.	1.4	34
46	The Salivary Microbiome in Polycystic Ovary Syndrome (PCOS) and Its Association with Disease-Related Parameters: A Pilot Study. Frontiers in Microbiology, 2016, 7, 1270.	1.5	34
47	Comparative Genome Analysis of <i>Campylobacter fetus</i> Subspecies Revealed Horizontally Acquired Genetic Elements Important for Virulence and Niche Specificity. PLoS ONE, 2014, 9, e85491.	1.1	33
48	Apoptosis and fibrosis are early features of heart failure in an animal model of metabolic cardiomyopathy. International Journal of Experimental Pathology, 2009, 90, 338-346.	0.6	30
49	<i>Campylobacter fetus</i> Subspecies Contain Conserved Type IV Secretion Systems on Multiple Genomic Islands and Plasmids. PLoS ONE, 2016, 11, e0152832.	1.1	30
50	Interbacterial Macromolecular Transfer by the <i>Campylobacter fetus</i> subsp. <i>venerealis</i> Type IV Secretion System. Journal of Bacteriology, 2011, 193, 744-758.	1.0	27
51	Recurrent Septicemia Due to <i>Campylobacter fetus</i> and <i>Campylobacter lari</i> in an Immunocompetent Patient. Infection, 2002, 30, 171-174.	2.3	26
52	Detection of Catheter-Related Bloodstream Infections by the Differential-Time-to-Positivity Method and Gram Stain-Acridine Orange Leukocyte Cytospin Test in Neutropenic Patients after Hematopoietic Stem Cell Transplantation. Journal of Clinical Microbiology, 2004, 42, 4835-4837.	1.8	25
53	Eosinophils Contribute to Intestinal Inflammation via Chemoattractant Receptor-homologous Molecule Expressed on Th2 Cells, CRTH2, in Experimental Crohn's Disease. Journal of Crohn's and Colitis, 2016, 10, 1087-1095.	0.6	25
54	Biosafety Requirements for Autopsies of Patients with COVID-19: Example of a BSL-3 Autopsy Facility Designed for Highly Pathogenic Agents. Pathobiology, 2021, 88, 37-45.	1.9	25

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55	So close and yet so far – Molecular microbiology of <i>Campylobacter fetus</i> subspecies. <i>European Journal of Microbiology and Immunology</i> , 2012, 2, 66-75.	1.5	23
56	Qualitative and Quantitative DNA- and RNA-Based Analysis of the Bacterial Stomach Microbiota in Humans, Mice, and Gerbils. <i>MSystems</i> , 2018, 3, .	1.7	21
57	Effects of an oral synbiotic on the gastrointestinal immune system and microbiota in patients with diarrhea-predominant irritable bowel syndrome. <i>European Journal of Nutrition</i> , 2018, 58, 2767-2778.	1.8	21
58	Disruptions of the intestinal microbiome in necrotizing enterocolitis, short bowel syndrome, and Hirschsprung’s associated enterocolitis. <i>Frontiers in Microbiology</i> , 2015, 6, 1154.	1.5	20
59	Impact of a Nomadic Pastoral Lifestyle on the Gut Microbiome in the Fulani Living in Nigeria. <i>Frontiers in Microbiology</i> , 2019, 10, 2138.	1.5	19
60	Tilivalline- and Tilimycin-Independent Effects of <i>Klebsiella oxytoca</i> on Tight Junction-Mediated Intestinal Barrier Impairment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5595.	1.8	19
61	Reduced dopamine D <sub>3</sub> receptor expression in blood lymphocytes of smokers is negatively correlated with daily number of smoked cigarettes: A peripheral correlate of dopaminergic alterations in smokers. <i>Nicotine and Tobacco Research</i> , 2004, 6, 49-54.	1.4	18
62	Development of Experimental Genetic Tools for <i>Campylobacter fetus</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 4619-4630.	1.4	18
63	Distribution of CD4 <sup>pos</sup> $\gamma$ , CD8 <sup>pos</sup> $\alpha$ and Regulatory T Cells in the Upper and Lower Gastrointestinal Tract in Healthy Young Subjects. <i>PLoS ONE</i> , 2013, 8, e80362.	1.1	18
64	Occurrence of SARS-CoV-2 in the intraocular milieu. <i>Experimental Eye Research</i> , 2020, 201, 108273.	1.2	18
65	Identification of Glycopeptide-resistant enterococci by VITEK 2 system and conventional and real-time polymerase chain reaction. <i>Diagnostic Microbiology and Infectious Disease</i> , 2005, 53, 17-21.	0.8	17
66	The Toxin-Producing Pathobiont <i>Klebsiella oxytoca</i> Is Not Associated with Flares of Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3393-3398.	1.1	16
67	Changes in Gut Microbiota after a Four-Week Intervention with Vegan vs. Meat-Rich Diets in Healthy Participants: A Randomized Controlled Trial. <i>Microorganisms</i> , 2021, 9, 727.	1.6	16
68	Rapid Antigen Test for Postmortem Evaluation of SARS-CoV-2 Carriage. <i>Emerging Infectious Diseases</i> , 2021, 27, 1734-1737.	2.0	14
69	Fic Proteins of <i>Campylobacter fetus</i> subsp. <i>venerealis</i> Form a Network of Functional Toxin-Antitoxin Systems. <i>Frontiers in Microbiology</i> , 2017, 8, 1965.	1.5	13
70	Clinical and molecular practice of European thoracic pathology laboratories during the COVID-19 pandemic. The past and the near future. <i>ESMO Open</i> , 2021, 6, 100024.	2.0	13
71	Visceral dissemination of herpes zoster with multiple ulcers in the upper gastrointestinal tract of an apparently immunocompetent patient. <i>Endoscopy</i> , 2012, 44, E302-E303.	1.0	9
72	Causes of hematochezia and hemorrhagic antibiotic-associated colitis in children and adolescents. <i>Medicine (United States)</i> , 2017, 96, e7793.	0.4	9

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73	Toxin-producing <i>Klebsiella oxytoca</i> in Healthy Infants. Journal of Pediatric Gastroenterology and Nutrition, 2022, 74, .	0.9	9
74	Antibiotic use and ileocolonic immune cells in patients receiving fecal microbiota transplantation for refractory intestinal GvHD: a prospective cohort study. Therapeutic Advances in Hematology, 2021, 12, 204062072110583.	1.1	9
75	Impaired Bile Acid Metabolism and Gut Dysbiosis in Mice Lacking Lysosomal Acid Lipase. Cells, 2021, 10, 2619.	1.8	8
76	Mucosal biopsy shows immunologic changes of the colon in patients with early MS. Neurology: Neuroimmunology and Neuroinflammation, 2017, 4, e362.	3.1	7
77	Invasive mucormycosis during treatment for acute lymphoblastic leukaemia—successful management of two life-threatening diseases. Supportive Care in Cancer, 2020, 28, 2157-2161.	1.0	7
78	Reflex testing in non-small cell lung carcinoma using DNA- and RNA-based next-generation sequencing—a single-center experience. Translational Lung Cancer Research, 2021, 10, 4221-4234.	1.3	7
79	Changes of intestinal microbiota composition and diversity in very low birth weight infants related to strategies of NEC prophylaxis: protocol for an observational multicentre pilot study. Pilot and Feasibility Studies, 2017, 3, 52.	0.5	6
80	New molecular microbiology approaches in the study of <i>Campylobacter fetus</i> . Microbial Biotechnology, 2011, 4, 8-19.	2.0	5
81	Microbial Evidence in Congenital Pulmonary Airway Malformations of Young Asymptomatic Infants. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2019, 29, 685-687.	0.5	5
82	Impact of ITS-Based Sequencing on Antifungal Treatment of Patients with Suspected Invasive Fungal Infections. Journal of Fungi (Basel, Switzerland), 2020, 6, 43.	1.5	5
83	COVID-19 Pulmonary Pathology: The Experience of European Pulmonary Pathologists throughout the First Two Waves of the Pandemic. Diagnostics, 2022, 12, 95.	1.3	5
84	Transfusion-associated graft-versus-host disease presenting as severe high-volume diarrhoea in a patient with Goodpasture's syndrome. Intensive Care Medicine, 2010, 36, 1271-1272.	3.9	4
85	Cutaneous lymphohistiocytic infiltrates with foamy macrophages: A novel histopathological clue to <i>Stenotrophomonas maltophilia</i> septicemia. Journal of Cutaneous Pathology, 2021, 48, 160-164.	0.7	3
86	Cystic medial necrosis Erdheim Gsell as a rare reason for spontaneous rupture of the ascending aorta. Vasa - European Journal of Vascular Medicine, 2011, 40, 147-149.	0.6	3
87	High-Throughput Characterization and Comparison of Microbial Communities. Biomedizinische Technik, 2013, 58 Suppl 1, .	0.9	2
88	Ulcerative reflux esophagitis associated with Clostridium ventriculi following hiatoplasty—is antibiotic treatment necessary? A case report. Zeitschrift Fur Gastroenterologie, 2020, 58, 456-460.	0.2	2
89	P594 Predictors of non-response to repeated faecal microbiota transplantation in patients with therapy refractory ulcerative colitis. Journal of Crohn's and Colitis, 2019, 13, S412-S412.	0.6	1
90	Reply to Dado et al.. Endoscopy, 2013, 45, 679-679.	1.0	0

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91	Interplay of Gut Microbiota, Body Mass Index and Depression Scores in Anorexia Nervosa: Preliminary Data. <i>European Psychiatry</i> , 2017, 41, S92-S92.	0.1	0
92	2575. Dramatic Time-Dependent Changes of Bacterial and Fungal Taxonomic Signatures in 4 Body Regions of ICU Patients. <i>Open Forum Infectious Diseases</i> , 2019, 6, S895-S895.	0.4	0
93	Persistent Stridor in a 10-Year-Old Patient with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, e72-e73.	2.5	0
94	A case of upper extremity deep vein thrombosis due to Kikuchi Fujimoto disease. <i>Vasa - European Journal of Vascular Medicine</i> , 2012, 41, 371-374.	0.6	0
95	Clear Cell Change in Reactive Angiogenesis. <i>American Journal of Surgical Pathology</i> , 2021, 45, 531-536.	2.1	0