

Gilad Bachrach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10169255/publications.pdf>

Version: 2024-02-01

53
papers

3,359
citations

331670

21
h-index

168389

53
g-index

54
all docs

54
docs citations

54
times ranked

4165
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding of the Fap2 Protein of <i>Fusobacterium nucleatum</i> to Human Inhibitory Receptor TIGIT Protects Tumors from Immune Cell Attack. <i>Immunity</i> , 2015, 42, 344-355.	14.3	900
2	Fap2 Mediates <i>Fusobacterium nucleatum</i> Colorectal Adenocarcinoma Enrichment by Binding to Tumor-Expressed Gal-GalNAc. <i>Cell Host and Microbe</i> , 2016, 20, 215-225.	11.0	523
3	Breast cancer colonization by <i>Fusobacterium nucleatum</i> accelerates tumor growth and metastatic progression. <i>Nature Communications</i> , 2020, 11, 3259.	12.8	265
4	Cutting Edge: TLR2 Is Required for the Innate Response to <i>Porphyromonas gingivalis</i> : Activation Leads to Bacterial Persistence and TLR2 Deficiency Attenuates Induced Alveolar Bone Resorption. <i>Journal of Immunology</i> , 2006, 177, 8296-8300.	0.8	256
5	Colon Cancer-Associated <i>Fusobacterium nucleatum</i> May Originate From the Oral Cavity and Reach Colon Tumors via the Circulatory System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 400.	3.9	117
6	Bacteriophage isolation from human saliva. <i>Letters in Applied Microbiology</i> , 2003, 36, 50-53.	2.2	107
7	Direct Recognition of <i>Fusobacterium nucleatum</i> by the NK Cell Natural Cytotoxicity Receptor NKp46 Aggravates Periodontal Disease. <i>PLoS Pathogens</i> , 2012, 8, e1002601.	4.7	106
8	Recovery of <i>Streptococcus iniae</i> from Diseased Fish Previously Vaccinated with a <i>Streptococcus</i> Vaccine. <i>Applied and Environmental Microbiology</i> , 2001, 67, 3756-3758.	3.1	94
9	<i>Fusobacterium nucleatum</i> suppresses anti-tumor immunity by activating CEACAM1. <i>Oncotarget</i> , 2019, 8, e1581531.	4.6	87
10	The role of fructans on dental biofilm formation by <i>Streptococcus sobrinus</i> , <i>Streptococcus mutans</i> , <i>Streptococcus gordonii</i> and <i>Actinomyces viscosus</i> . <i>FEMS Microbiology Letters</i> , 2001, 195, 205-210.	1.8	85
11	Natural Killer Cell-Mediated Host Defense against Uropathogenic <i>E. coli</i> Is Counteracted by Bacterial Hemolysin A-Dependent Killing of NK Cells. <i>Cell Host and Microbe</i> , 2013, 14, 664-674.	11.0	61
12	Saliva Enables the Antimicrobial Activity of LL-37 in the Presence of Proteases of <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2009, 77, 5558-5563.	2.2	52
13	Tumor Targeting by <i>Fusobacterium nucleatum</i> : A Pilot Study and Future Perspectives. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 295.	3.9	44
14	Garlic Allicin as a Potential Agent for Controlling Oral Pathogens. <i>Journal of Medicinal Food</i> , 2011, 14, 1338-1343.	1.5	41
15	Resistance of <i>Porphyromonas gingivalis</i> ATCC 33277 to Direct Killing by Antimicrobial Peptides Is Protease Independent. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 638-642.	3.2	38
16	A new single-copy mycobacterial plasmid, pMF1, from <i>Mycobacterium fortuitum</i> which is compatible with the pAL5000 replicon The EMBL accession number for the sequence determined in this work is AJ238973.. <i>Microbiology (United Kingdom)</i> , 2000, 146, 297-303.	1.8	38
17	The <i>Helicobacter pylori</i> HopQ outer membrane protein inhibits immune cell activities. <i>Oncotarget</i> , 2019, 8, e1553487.	4.6	37
18	<i>Fusobacterium nucleatum</i> and cancer. <i>Periodontology</i> 2000, 2022, 89, 166-180.	13.4	37

#	ARTICLE	IF	CITATIONS
19	Fluorescence based measurements of <i>Fusobacterium nucleatum</i> coaggregation and of fusobacterial attachment to mammalian cells. <i>FEMS Microbiology Letters</i> , 2005, 248, 235-240.	1.8	34
20	LL-37 Opsonizes and Inhibits Biofilm Formation of <i>Aggregatibacter actinomycetemcomitans</i> at Subbactericidal Concentrations. <i>Infection and Immunity</i> , 2013, 81, 3577-3585.	2.2	33
21	<i>Streptococcus mutans</i> fructosyltransferase interactions with glucans. <i>FEMS Microbiology Letters</i> , 2004, 232, 39-43.	1.8	27
22	Identification and Characterization of Fusolisin, the <i>Fusobacterium nucleatum</i> Autotransporter Serine Protease. <i>PLoS ONE</i> , 2014, 9, e111329.	2.5	25
23	Biohybrid Polymer-Antimicrobial Peptide Medium against <i>Enterococcus faecalis</i> . <i>PLoS ONE</i> , 2014, 9, e109413.	2.5	24
24	Characterization of the Novel <i>Fusobacterium nucleatum</i> Plasmid pKH9 and Evidence of an Addiction System. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6957-6962.	3.1	23
25	<i>Fusobacterium nucleatum</i> CbpF Mediates Inhibition of T Cell Function Through CEACAM1 Activation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 692544.	3.9	23
26	Stromal Cell-Derived Factor 1 Mediates Immune Cell Attraction upon Urinary Tract Infection. <i>Cell Reports</i> , 2017, 20, 40-47.	6.4	22
27	<i>Streptococcus pyogenes</i> Sortase Mutants Are Highly Susceptible to Killing by Host Factors Due to Aberrant Envelope Physiology. <i>PLoS ONE</i> , 2015, 10, e0140784.	2.5	19
28	Placental colonization by <i>Fusobacterium nucleatum</i> is mediated by binding of the Fap2 lectin to placentally displayed Gal-GalNAc. <i>Cell Reports</i> , 2022, 38, 110537.	6.4	18
29	Regulation of fructosyltransferase activity by carbohydrates, in solution and immobilized on hydroxyapatite surfaces. <i>Carbohydrate Research</i> , 2002, 337, 701-710.	2.3	17
30	Effects of various antiplaque agents on fructosyltransferase activity in solution and immobilized onto hydroxyapatite. <i>European Journal of Oral Sciences</i> , 2002, 110, 374-379.	1.5	16
31	Actin Enables the Antimicrobial Action of LL-37 Peptide in the Presence of Microbial Proteases. <i>Journal of Biological Chemistry</i> , 2014, 289, 22926-22941.	3.4	16
32	Growth rate and biofilm thickness of <i>Streptococcus sobrinus</i> and <i>Streptococcus mutans</i> on hydroxyapatite. <i>Apmis</i> , 2001, 109, 155-160.	2.0	14
33	Effect of carbohydrates on fructosyltransferase expression and distribution in <i>Streptococcus mutans</i> GS-5 biofilms. <i>Carbohydrate Research</i> , 2004, 339, 2883-2888.	2.3	14
34	The Antibacterial Activity of LL-37 against <i>Treponema denticola</i> Is Dentilisin Protease Independent and Facilitated by the Major Outer Sheath Protein Virulence Factor. <i>Infection and Immunity</i> , 2012, 80, 1107-1114.	2.2	14
35	Bacteriophage manipulation of the microbiome associated with tumour microenvironments-can this improve cancer therapeutic response?. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	8.6	14
36	Oxygen deprivation affects the antimicrobial action of LL-37 as determined by microplate real-time kinetic measurements under anaerobic conditions. <i>Anaerobe</i> , 2013, 22, 20-24.	2.1	13

#	ARTICLE	IF	CITATIONS
37	LL-37-mediated activation of host receptors is critical for defense against group A streptococcal infection. <i>Cell Reports</i> , 2021, 34, 108766.	6.4	13
38	LL-37 Induces Polymerization and Bundling of Actin and Affects Actin Structure. <i>PLoS ONE</i> , 2012, 7, e50078.	2.5	13
39	Actin and DNA Protect Histones from Degradation by Bacterial Proteases but Inhibit Their Antimicrobial Activity. <i>Frontiers in Microbiology</i> , 2016, 7, 1248.	3.5	10
40	Sustained Release of Antibacterial Lipopeptides from Biodegradable Polymers against Oral Pathogens. <i>PLoS ONE</i> , 2016, 11, e0162537.	2.5	10
41	Interactions of histatin-3 and histatin-5 with actin. <i>BMC Biochemistry</i> , 2017, 18, 3.	4.4	10
42	<i>Candida albicans</i> evades NK cell elimination via binding of Agglutinin-Like Sequence proteins to the checkpoint receptor TIGIT. <i>Nature Communications</i> , 2022, 13, 2463.	12.8	10
43	Interaction of the core fragments of the LL-37 host defense peptide with actin. <i>RSC Advances</i> , 2015, 5, 9361-9367.	3.6	9
44	Identification and nucleotide sequence of <i>Brucella melitensis</i> L7/L12 ribosomal protein. <i>FEMS Microbiology Letters</i> , 1994, 120, 237-240.	1.8	7
45	“Messieurs, c’est les microbes qui auront le dernier mot” Gentlemen, it is the microbes who have the last word (Louis Pasteur) <i>Fusobacterium nucleatum</i> protect tumors from killing by immune cells. <i>OncImmunology</i> , 2015, 4, e1038690.	4.6	7
46	The role of fructans on dental biofilm formation by <i>Streptococcus sobrinus</i> , <i>Streptococcus mutans</i> , <i>Streptococcus gordonii</i> and <i>Actinomyces viscosus</i> . <i>FEMS Microbiology Letters</i> , 2001, 195, 205-210.	1.8	4
47	Molecular epidemiology of asymptomatic bacteriuria in the elderly. <i>Age and Ageing</i> , 2003, 32, 670-673.	1.6	3
48	Soluble sustained release gene delivery system. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 77A, 811-814.	4.0	3
49	The inhibitory receptor CD300a is essential for neutrophil-mediated clearance of urinary tract infection in mice. <i>European Journal of Immunology</i> , 2021, 51, 2218-2224.	2.9	2
50	Effect of chlorhexidine on molecular weight distribution of fructans produced by fructosyltransferase in solution and immobilized on surface. <i>Carbohydrate Research</i> , 2003, 338, 571-575.	2.3	1
51	Diminished Memory T-Cell Expansion Due to Delayed Kinetics of Antigen Expression by Lentivectors. <i>PLoS ONE</i> , 2013, 8, e66488.	2.5	1
52	CEACAM1 Activation by CbpF-Expressing <i>E. coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 699015.	3.9	1
53	Quantification of Bacterial Attachment to Tissue Sections. <i>Bio-protocol</i> , 2018, 8, .	0.4	1