

Chun-ming Huang

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,952
citations

471061

17
h-index

395343

33
g-index

33
all docs

33
docs citations

33
times ranked

2394
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal bacteria regulate Toll-like receptor 3-dependent inflammation after skin injury. <i>Nature Medicine</i> , 2009, 15, 1377-1382.	15.2	620
2	Fermentation of <i>Propionibacterium acnes</i> , a Commensal Bacterium in the Human Skin Microbiome, as Skin Probiotics against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2013, 8, e55380.	1.1	231
3	<i>Staphylococcus epidermidis</i> in the human skin microbiome mediates fermentation to inhibit the growth of <i>Propionibacterium acnes</i> : implications of probiotics in acne vulgaris. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 411-424.	1.7	205
4	Inhibition of HDAC8 and HDAC9 by microbial short-chain fatty acids breaks immune tolerance of the epidermis to TLR ligands. <i>Science Immunology</i> , 2016, 1, .	5.6	109
5	<i>Propionibacterium acnes</i> CAMP Factor and Host Acid Sphingomyelinase Contribute to Bacterial Virulence: Potential Targets for Inflammatory Acne Treatment. <i>PLoS ONE</i> , 2011, 6, e14797.	1.1	98
6	Vaccination Targeting a Surface Sialidase of <i>P. acnes</i> : Implication for New Treatment of Acne Vulgaris. <i>PLoS ONE</i> , 2008, 3, e1551.	1.1	68
7	<i>Staphylococcus aureus</i> Hijacks a Skin Commensal to Intensify Its Virulence: Immunization Targeting β -Hemolysin and CAMP Factor. <i>Journal of Investigative Dermatology</i> , 2011, 131, 401-409.	0.3	63
8	Butyric Acid from Probiotic <i>Staphylococcus epidermidis</i> in the Skin Microbiome Down-Regulates the Ultraviolet-Induced Pro-Inflammatory IL-6 Cytokine via Short-Chain Fatty Acid Receptor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4477.	1.8	57
9	Passive immunoprotection targeting a secreted CAMP factor of <i>Propionibacterium acnes</i> as a novel immunotherapeutic for acne vulgaris. <i>Vaccine</i> , 2011, 29, 3230-3238.	1.7	53
10	A Precision Microbiome Approach Using Sucrose for Selective Augmentation of <i>Staphylococcus epidermidis</i> Fermentation against <i>Propionibacterium acnes</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 1870.	1.8	50
11	The Anti-Inflammatory Activities of <i>Propionibacterium acnes</i> CAMP Factor-Targeted Acne Vaccines. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2355-2364.	0.3	43
12	A Microtube Array Membrane (MTAM) Encapsulated Live Fermenting <i>Staphylococcus epidermidis</i> as a Skin Probiotic Patch against <i>Cutibacterium acnes</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 14.	1.8	40
13	A Derivative of Butyric Acid, the Fermentation Metabolite of <i>Staphylococcus epidermidis</i> , Inhibits the Growth of a <i>Staphylococcus aureus</i> Strain Isolated from Atopic Dermatitis Patients. <i>Toxins</i> , 2019, 11, 311.	1.5	38
14	<i>Propionibacterium acnes</i> in the Pathogenesis and Immunotherapy of Acne Vulgaris. <i>Current Drug Metabolism</i> , 2015, 16, 245-254.	0.7	38
15	Microbiome precision editing: Using PEG as a selective fermentation initiator against methicillin-resistant <i>Staphylococcus aureus</i>. <i>Biotechnology Journal</i> , 2017, 12, .	1.8	31
16	<i>Leuconostoc mesenteroides</i> fermentation produces butyric acid and mediates Ffar2 to regulate blood glucose and insulin in type 1 diabetic mice. <i>Scientific Reports</i> , 2020, 10, 7928.	1.6	29
17	IL-6/p38/BTK/p38/ERK signaling mediates calcium phosphate-induced pruritus. <i>FASEB Journal</i> , 2019, 33, 12036-12046.	0.2	21
18	Skin <i>Cutibacterium acnes</i> Mediates Fermentation to Suppress the Calcium Phosphate-Induced Itching: A Butyric Acid Derivative with Potential for Uremic Pruritus. <i>Journal of Clinical Medicine</i> , 2020, 9, 312.	1.0	18

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19	Propionic acid produced by <i>Cutibacterium acnes</i> fermentation ameliorates ultraviolet B-induced melanin synthesis. <i>Scientific Reports</i> , 2021, 11, 11980.	1.6	17
20	Skin Bacteria Mediate Glycerol Fermentation to Produce Electricity and Resist UV-B. <i>Microorganisms</i> , 2020, 8, 1092.	1.6	16
21	A Co-Drug of Butyric Acid Derived from Fermentation Metabolites of the Human Skin Microbiome Stimulates Adipogenic Differentiation of Adipose-Derived Stem Cells: Implications in Tissue Augmentation. <i>Journal of Investigative Dermatology</i> , 2017, 137, 46-56.	0.3	13
22	Electricity-producing <i>Staphylococcus epidermidis</i> counteracts <i>Cutibacterium acnes</i> . <i>Scientific Reports</i> , 2021, 11, 12001.	1.6	13
23	Gut probiotic <i>Lactobacillus rhamnosus</i> attenuates PDE4B-mediated interleukin-6 induced by SARS-CoV-2 membrane glycoprotein. <i>Journal of Nutritional Biochemistry</i> , 2021, 98, 108821.	1.9	13
24	Prospects of acne vaccines targeting secreted virulence factors of <i>Cutibacterium acnes</i> . <i>Expert Review of Vaccines</i> , 2019, 18, 433-437.	2.0	12
25	Probiotic Activity of <i>Staphylococcus epidermidis</i> Induces Collagen Type I Production through FFaR2/p-ERK Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1414.	1.8	9
26	5-methyl Furfural Reduces the Production of Malodors by Inhibiting Sodium Lactate Fermentation of <i>Staphylococcus epidermidis</i> : Implication for Deodorants Targeting the Fermenting Skin Microbiome. <i>Microorganisms</i> , 2019, 7, 239.	1.6	7
27	Production of electricity and reduction of high-fat diet-induced IL-6 by glucose fermentation of <i>Leuconostoc mesenteroides</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 651-656.	1.0	7
28	Repurposing INCI-registered compounds as skin prebiotics for probiotic <i>Staphylococcus epidermidis</i> against UV-B. <i>Scientific Reports</i> , 2020, 10, 21585.	1.6	7
29	Colonization of nasal cavities by <i>Staphylococcus epidermidis</i> mitigates SARS-CoV-2 nucleocapsid phosphoprotein-induced interleukin (IL)-6 in the lung. <i>Microbial Biotechnology</i> , 2022, 15, 1984-1994.	2.0	7
30	The mPEG-PCL Copolymer for Selective Fermentation of <i>Staphylococcus lugdunensis</i> Against <i>Candida parapsilosis</i> in the Human Microbiome. <i>Journal of Microbial & Biochemical Technology</i> , 2016, 8, 259-265.	0.2	6
31	Mouse Abdominal Fat Depots Reduced by Butyric Acid-Producing <i>Leuconostoc mesenteroides</i> . <i>Microorganisms</i> , 2020, 8, 1180.	1.6	6
32	PEG-8 Laurate Fermentation of <i>Staphylococcus epidermidis</i> Reduces the Required Dose of Clindamycin Against <i>Cutibacterium acnes</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 5103.	1.8	4
33	<i>Leuconostoc mesenteroides</i> mediates an electrogenic pathway to attenuate the accumulation of abdominal fat mass induced by high fat diet. <i>Scientific Reports</i> , 2020, 10, 21916.	1.6	3