

# Saskia Braber

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,502  
citations

393982

19  
h-index

329751

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epithelial integrity, junctional complexes, and biomarkers associated with intestinal functions. <i>Tissue Barriers</i> , 2022, 10, 1996830.	1.6	22
2	Galacto-oligosaccharides alleviate lung inflammation by inhibiting NLRP3 inflammasome activation in vivo and in vitro. <i>Journal of Advanced Research</i> , 2022, 39, 305-318.	4.4	10
3	Intratracheal administration of solutions in mice; development and validation of an optimized method with improved efficacy, reproducibility and accuracy. <i>Journal of Pharmacological and Toxicological Methods</i> , 2022, 114, 107156.	0.3	7
4	Galacto-oligosaccharides as an anti-bacterial and anti-invasive agent in lung infections. <i>Biomaterials</i> , 2022, 283, 121461.	5.7	7
5	Probiotics, prebiotics, and synbiotics to prevent or combat air pollution consequences: The gut-lung axis. <i>Environmental Pollution</i> , 2022, 302, 119066.	3.7	13
6	Repeated exposure of bronchial epithelial cells to particulate matter increases allergen-induced cytokine release and permeability. <i>Cytokine</i> , 2022, 154, 155878.	1.4	2
7	Changes in intestinal homeostasis and immunity in a cigarette smoke- and LPS-induced murine model for COPD: the lung-gut axis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L266-L280.	1.3	8
8	Non-Digestible Oligosaccharides and Short Chain Fatty Acids as Therapeutic Targets against Enterotoxin-Producing Bacteria and Their Toxins. <i>Toxins</i> , 2021, 13, 175.	1.5	27
9	Fighting Shigella by Blocking Its Disease-Causing Toxin. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6059-6069.	2.9	7
10	SUL-151 Decreases Airway Neutrophilia as a Prophylactic and Therapeutic Treatment in Mice after Cigarette Smoke Exposure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4991.	1.8	7
11	Hypoxia and heat stress affect epithelial integrity in a Caco-2/HT-29 co-culture. <i>Scientific Reports</i> , 2021, 11, 13186.	1.6	31
12	The Effects of Maternal Smoking on Pregnancy and Offspring: Possible Role for EGF?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 680902.	1.8	8
13	Human Milk Oligosaccharide 3-GL Improves Influenza-Specific Vaccination Responsiveness and Immunity after Deoxynivalenol Exposure in Preclinical Models. <i>Nutrients</i> , 2021, 13, 3190.	1.7	6
14	Antimicrobial Activities of Alginate and Chitosan Oligosaccharides Against <i>Staphylococcus aureus</i> and Group B <i>Streptococcus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 700605.	1.5	31
15	Anti-Inflammatory Properties of Fructo-Oligosaccharides in a Calf Lung Infection Model and in <i>Mannheimia haemolytica</i> -Infected Airway Epithelial Cells. <i>Nutrients</i> , 2021, 13, 3514.	1.7	5
16	Pharmacological Modulation of Immune Responses by Nutritional Components. <i>Pharmacological Reviews</i> , 2021, 73, 1369-1403.	7.1	11
17	Prenatal and Postnatal Cigarette Smoke Exposure Is Associated With Increased Risk of Exacerbated Allergic Airway Immune Responses: A Preclinical Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 797376.	2.2	4
18	Exposure to Deoxynivalenol During Pregnancy and Lactation Enhances Food Allergy and Reduces Vaccine Responsiveness in the Offspring in a Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 797152.	2.2	8

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19	Microbiota-dependent and -independent effects of dietary fibre on human health. <i>British Journal of Pharmacology</i> , 2020, 177, 1363-1381.	2.7	72
20	<i>Mannheimia haemolytica</i> and lipopolysaccharide induce airway epithelial inflammatory responses in an extensively developed ex vivo calf model. <i>Scientific Reports</i> , 2020, 10, 13042.	1.6	7
21	Anti-Pathogenic Functions of Non-Digestible Oligosaccharides In Vitro. <i>Nutrients</i> , 2020, 12, 1789.	1.7	45
22	Crude Turmeric Extract Improves the Suppressive Effects of <i>Lactobacillus rhamnosus</i> GG on Allergic Inflammation in a Murine Model of House Dust Mite-Induced Asthma. <i>Frontiers in Immunology</i> , 2020, 11, 1092.	2.2	11
23	Beyond Heat Stress: Intestinal Integrity Disruption and Mechanism-Based Intervention Strategies. <i>Nutrients</i> , 2020, 12, 734.	1.7	90
24	Non-digestible oligosaccharides partially prevent the development of LPS-induced lung emphysema in mice. <i>PharmaNutrition</i> , 2019, 10, 100163.	0.8	9
25	<i>Fusarium</i> Mycotoxins Disrupt the Barrier and Induce IL-6 Release in a Human Placental Epithelium Cell Line. <i>Toxins</i> , 2019, 11, 665.	1.5	10
26	Î±-Lipoic acid prevents the intestinal epithelial monolayer damage under heat stress conditions: model experiments in Caco-2 cells. <i>European Journal of Nutrition</i> , 2018, 57, 1577-1589.	1.8	23
27	The Combination Therapy of Dietary Galacto-Oligosaccharides With Budesonide Reduces Pulmonary Th2 Driving Mediators and Mast Cell Degranulation in a Murine Model of House Dust Mite Induced Asthma. <i>Frontiers in Immunology</i> , 2018, 9, 2419.	2.2	16
28	Oral exposure to the free amino acid glycine inhibits the acute allergic response in a model of cow's milk allergy in mice. <i>Nutrition Research</i> , 2018, 58, 95-105.	1.3	11
29	A Comparative Review on Microbiota Manipulation: Lessons From Fish, Plants, Livestock, and Human Research. <i>Frontiers in Nutrition</i> , 2018, 5, 80.	1.6	95
30	l-Arginine supplementation prevents intestinal epithelial barrier breakdown under heat stress conditions by promoting nitric oxide synthesis. <i>Nutrition Research</i> , 2018, 57, 45-55.	1.3	24
31	Characterizing microbiota-independent effects of oligosaccharides on intestinal epithelial cells: insight into the role of structure and size. <i>European Journal of Nutrition</i> , 2017, 56, 1919-1930.	1.8	73
32	The intestinal barrier as an emerging target in the toxicological assessment of mycotoxins. <i>Archives of Toxicology</i> , 2017, 91, 1007-1029.	1.9	143
33	Deoxynivalenol and Its Modified Forms: Are There Major Differences?. <i>Toxins</i> , 2016, 8, 334.	1.5	39
34	Milk Oligosaccharide Variation in Sow Milk and Milk Oligosaccharide Fermentation in Piglet Intestine. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2087-2093.	2.4	24
35	In Vitro Fermentation of Porcine Milk Oligosaccharides and Galacto-oligosaccharides Using Piglet Fecal Inoculum. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2127-2133.	2.4	22
36	Deoxynivalenol Impairs Weight Gain and Affects Markers of Gut Health after Low-Dose, Short-Term Exposure of Growing Pigs. <i>Toxins</i> , 2015, 7, 2071-2095.	1.5	82

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37	Differences in Susceptibility to Heat Stress along the Chicken Intestine and the Protective Effects of Galacto-Oligosaccharides. PLoS ONE, 2015, 10, e0138975.	1.1	172
38	Oligosaccharides in Urine, Blood, and Feces of Piglets Fed Milk Replacer Containing Galacto-oligosaccharides. Journal of Agricultural and Food Chemistry, 2015, 63, 10862-10872.	2.4	22
39	Targeting Prolyl Endopeptidase with Valproic Acid as a Potential Modulator of Neutrophilic Inflammation. PLoS ONE, 2014, 9, e97594.	1.1	19
40	An Association between Neutrophils and Immunoglobulin Free Light Chains in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 817-824.	2.5	55
41	CXCR2 antagonists block the N-Ac-PGP-induced neutrophil influx in the airways of mice, but not the production of the chemokine CXCL1. European Journal of Pharmacology, 2011, 668, 443-449.	1.7	34
42	Cigarette smoke-induced lung emphysema in mice is associated with prolyl endopeptidase, an enzyme involved in collagen breakdown. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L255-L265.	1.3	75
43	Inflammatory changes in the airways of mice caused by cigarette smoke exposure are only partially reversed after smoking cessation. Respiratory Research, 2010, 11, 99.	1.4	106
44	Increased exploration and hyperlocomotion in a cigarette smoke and LPS induced murine model of COPD: linking pulmonary and systemic inflammation with the brain. American Journal of Physiology - Lung Cellular and Molecular Physiology, 0, , .	1.3	7