

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	Differences in Susceptibility to Heat Stress along the Chicken Intestine and the Protective Effects of Galacto-Oligosaccharides. <i>PLoS ONE</i> , 2015, 10, e0138975.	1.1	172
2	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
3	Inflammatory changes in the airways of mice caused by cigarette smoke exposure are only partially reversed after smoking cessation. <i>Respiratory Research</i> , 2010, 11, 99.	1.4	106
4	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
5	Beyond Heat Stress: Intestinal Integrity Disruption and Mechanism-Based Intervention Strategies. <i>Nutrients</i> , 2020, 12, 734.	1.7	90
6	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
7	Cigarette smoke-induced lung emphysema in mice is associated with prolyl endopeptidase, an enzyme involved in collagen breakdown. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L255-L265.	1.3	75
8	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
9	Microbiota-dependent and -independent effects of dietary fibre on human health. <i>British Journal of Pharmacology</i> , 2020, 177, 1363-1381.	2.7	72
10	An Association between Neutrophils and Immunoglobulin Free Light Chains in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 817-824.	2.5	55
11	Anti-Pathogenic Functions of Non-Digestible Oligosaccharides In Vitro. <i>Nutrients</i> , 2020, 12, 1789.	1.7	45
12	Deoxynivalenol and Its Modified Forms: Are There Major Differences?. <i>Toxins</i> , 2016, 8, 334.	1.5	39
13	CXCR2 antagonists block the N-Ac-PGP-induced neutrophil influx in the airways of mice, but not the production of the chemokine CXCL1. <i>European Journal of Pharmacology</i> , 2011, 668, 443-449.	1.7	34
14	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
15	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
16	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
17	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
18	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

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19	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
20	Oligosaccharides in Urine, Blood, and Feces of Piglets Fed Milk Replacer Containing Galacto-oligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10862-10872.	2.4	22
21	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
22	Epithelial integrity, junctional complexes, and biomarkers associated with intestinal functions. <i>Tissue Barriers</i> , 2022, 10, 1996830.	1.6	22
23	Targeting Prolyl Endopeptidase with Valproic Acid as a Potential Modulator of Neutrophilic Inflammation. <i>PLoS ONE</i> , 2014, 9, e97594.	1.1	19
24	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
25	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
26	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
27	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
28	Pharmacological Modulation of Immune Responses by Nutritional Components. <i>Pharmacological Reviews</i> , 2021, 73, 1369-1403.	7.1	11
29	Fusarium 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
30	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
31	Non-digestible oligosaccharides partially prevent the development of LPS-induced lung emphysema in mice. <i>PharmaNutrition</i> , 2019, 10, 100163.	0.8	9
32	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
33	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
34	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
35	<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
36	Fighting <i>Shigella</i> by Blocking Its Disease-Causing Toxin. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6059-6069.	2.9	7

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37	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
38	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
39	Galacto-oligosaccharides as an anti-bacterial and anti-invasive agent in lung infections. <i>Biomaterials</i> , 2022, 283, 121461.	5.7	7
40	Increased exploration and hyperlocomotion in a cigarette smoke and LPS induced murine model of COPD: linking pulmonary and systemic inflammation with the brain. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 0, , .	1.3	7
41	Human Milk Oligosaccharide 3â€²-Gl Improves Influenza-Specific Vaccination Responsiveness and Immunity after Deoxynivalenol Exposure in Preclinical Models. <i>Nutrients</i> , 2021, 13, 3190.	1.7	6
42	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
43	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
44	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