

# Johanna M Gostner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7914685/publications.pdf>

Version: 2024-02-01

90  
papers

2,883  
citations

201575

27  
h-index

189801

50  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changing Metabolic Patterns along the Colorectal Adenoma-Carcinoma Sequence. <i>Journal of Clinical Medicine</i> , 2022, 11, 721.	1.0	9
2	Regulatory T Cell Modulation by <i>Lactobacillus rhamnosus</i> Improves Feather Damage in Chickens. <i>Frontiers in Veterinary Science</i> , 2022, 9, 855261.	0.9	2
3	Viral Antigen and Inflammatory Biomarkers in Cerebrospinal Fluid in Patients With COVID-19 Infection and Neurologic Symptoms Compared With Control Participants Without Infection or Neurologic Symptoms. <i>JAMA Network Open</i> , 2022, 5, e2213253.	2.8	35
4	No Changes in Human Immunodeficiency Virus (HIV) Suppression and Inflammatory Markers in Cerebrospinal Fluid in Patients Randomly Switched to Dolutegravir Plus Lamivudine (Spanish HIV/AIDS) Tj ETQq0 0 0.9gBT /Overlock 10 T	0.9	10
5	Metabolic Stress and Immunity: Nutrient-Sensing Kinases and Tryptophan Metabolism. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1275, 395-405.	0.8	0
6	Increased immune activation and signs of neuronal injury in HIV-negative people on preexposure prophylaxis. <i>Aids</i> , 2021, 35, 2129-2136.	1.0	6
7	Ingestion of <i>Lactobacillus rhamnosus</i> modulates chronic stress-induced feather pecking in chickens. <i>Scientific Reports</i> , 2021, 11, 17119.	1.6	11
8	The Impact of Cardiovascular Rehabilitation on Psychophysiological Stress, Personality and Tryptophan Metabolism: A Randomized Pilot Feasibility Study. <i>Antioxidants</i> , 2021, 10, 1425.	2.2	4
9	<i>L. rhamnosus</i> improves the immune response and tryptophan catabolism in laying hen pullets. <i>Scientific Reports</i> , 2021, 11, 19538.	1.6	11
10	Neurotransmitter Precursor Amino Acid Ratios Show Differential, Inverse Correlations with Depression Severity in the Low and High Depression Score Range. <i>International Journal of Tryptophan Research</i> , 2021, 14, 117864692110392.	1.0	2
11	CSF Biomarkers in Patients With COVID-19 and Neurologic Symptoms. <i>Neurology</i> , 2021, 96, e294-e300.	1.5	118
12	Oxyresveratrol modulates the immune response in vitro. <i>Pteridines</i> , 2021, 32, 70-78.	0.5	1
13	Tryptophan Metabolism in Bipolar Disorder in a Longitudinal Setting. <i>Antioxidants</i> , 2021, 10, 1795.	2.2	11
14	Immunometabolism as predictor of frailty. <i>Aging</i> , 2021, 13, 24917-24918.	1.4	2
15	Exploring Early Detection of Frailty Syndrome in Older Adults: Evaluation of Oxi-Immune Markers, Clinical Parameters and Modifiable Risk Factors. <i>Antioxidants</i> , 2021, 10, 1795.	2.2	6
16	Tryptophan Metabolism and Related Pathways in Psychoneuroimmunology: The Impact of Nutrition and Lifestyle. <i>Neuropsychobiology</i> , 2020, 79, 89-99.	0.9	103
17	Neopterin levels and Kyn/Trp ratios were significantly increased in dengue virus patients and subsequently decreased after recovery. <i>International Journal of Infectious Diseases</i> , 2020, 91, 162-168.	1.5	17
18	Serum neopterin levels in relation to mild and severe COVID-19. <i>BMC Infectious Diseases</i> , 2020, 20, 942.	1.3	42

#	ARTICLE	IF	CITATIONS
19	Acute and Chronic Mental Stress both Influence Levels of Neurotransmitter Precursor Amino Acids and Derived Biogenic Amines. <i>Brain Sciences</i> , 2020, 10, 322.	1.1	8
20	Microbicidal activity of N-chlorotaurine can be enhanced in the presence of lung epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 1011-1017.	0.3	3
21	Knock-on effect of periodontitis to the pathogenesis of Alzheimer's disease?. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 493-498.	1.0	28
22	Pharmacological Targets of Kaempferol Within Inflammatory Pathways—A Hint Towards the Central Role of Tryptophan Metabolism. <i>Antioxidants</i> , 2020, 9, 180.	2.2	20
23	The haemochromatosis gene Hfe and Kupffer cells control LDL cholesterol homeostasis and impact on atherosclerosis development. <i>European Heart Journal</i> , 2020, 41, 3949-3959.	1.0	32
24	On the Possible Relevance of Bottom-up Pathways in the Pathogenesis of Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1415-1421.	1.0	6
25	Phenolic compounds from the stems of <i>Fissistigma polyanthoides</i> and their anti-oxidant activities. <i>FÄ-totherapÄ-Ä</i> , 2019, 137, 104252.	1.1	11
26	The Role of Tryptophan-Kynurenine in Feather Pecking in Domestic Chicken Lines. <i>Frontiers in Veterinary Science</i> , 2019, 6, 209.	0.9	15
27	Terpenoids from the Stems of <i>Fissistigma polyanthoides</i> and Their Anti-Inflammatory Activity. <i>Journal of Natural Products</i> , 2019, 82, 2941-2952.	1.5	16
28	Sodium Sulfite Exacerbates Allograft Vasculopathy and Affects Tryptophan Breakdown in Murine Heterotopic Aortic Transplantation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	3
29	Ice-Age Climate Adaptations Trap the Alpine Marmot in a State of Low Genetic Diversity. <i>Current Biology</i> , 2019, 29, 1712-1720.e7.	1.8	27
30	Sex Specific Changes in Tryptophan Breakdown Over a 6 Week Treatment Period. <i>Frontiers in Psychiatry</i> , 2019, 10, 74.	1.3	14
31	Cardioprotective effect of polyamine spermidine. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 218.	2.2	2
32	Contradictory effects of chemical filters in UV/ROS-stressed human keratinocyte and fibroblast cells. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 231-244.	0.9	10
33	38 <sup>th</sup> International Winter-Workshop Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics Innsbruck, February 26 <sup>th</sup> – March 1 <sup>st</sup> , 2019. <i>Pteridines</i> , 2019, 30, 74-102.	0.5	1
34	Immunobiochemical pathways of neopterin formation and tryptophan breakdown via indoleamine 2,3-dioxygenase correlate with circulating tumor cells in ovarian cancer patients—A study of the OVCAD consortium. <i>Gynecologic Oncology</i> , 2018, 149, 371-380.	0.6	11
35	Probiotic Supplementation in Patients with Alzheimer's Dementia - An Explorative Intervention Study. <i>Current Alzheimer Research</i> , 2018, 15, 1106-1113.	0.7	181
36	Immunological alterations in frail older adults: A cross sectional study. <i>Experimental Gerontology</i> , 2018, 112, 119-126.	1.2	41

#	ARTICLE	IF	CITATIONS
37	Immunomodulatory Effects of Diterpene Quinone Derivatives from the Roots of <i>Horminum pyrenaicum</i> in Human PBMC. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	15
38	Frailty in Older Adults Is Associated With Plasma Concentrations of Inflammatory Mediators but Not With Lymphocyte Subpopulations. <i>Frontiers in Immunology</i> , 2018, 9, 1056.	2.2	78
39	Tolerability of inhaled N-chlorotaurine in humans: a double-blind randomized phase I clinical study. <i>Therapeutic Advances in Respiratory Disease</i> , 2018, 12, 175346661877895.	1.0	17
40	Immunometabolism in the Pathogenesis of Depressive Disorders - Therapeutic Considerations. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1408-1415.	1.0	9
41	Tolerability of anti-infective N-chlortaurine inhaled with a smart-nebuliser. , 2018, , .		0
42	Kynurenine pathway metabolism and immune activation: Peripheral measurements in psychiatric and co-morbid conditions. <i>Neuropharmacology</i> , 2017, 112, 286-296.	2.0	62
43	Physical activity to counteract the impact of alcohol intake on overall mortality risks. <i>British Journal of Sports Medicine</i> , 2017, 51, 692-692.	3.1	0
44	Homocysteine Biochemistry and Cognitive Decline in the Elderly. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 893-894.	1.2	2
45	Frailty Status in Older Adults Is Related to Alterations in Indoleamine 2,3-Dioxygenase 1 and Guanosine Triphosphate Cyclohydrolase Enzymatic Pathways. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 1049-1057.	1.2	40
46	A combinatorial approach for the discovery of cytochrome P450 2D6 inhibitors from nature. <i>Scientific Reports</i> , 2017, 7, 8071.	1.6	16
47	Influence of Antioxidants on Leptin Metabolism and its Role in the Pathogenesis of Obesity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 960, 399-413.	0.8	10
48	Immunomodulatory Effects of the Mycosporine-Like Amino Acids Shinorine and Porphyra-334. <i>Marine Drugs</i> , 2016, 14, 119.	2.2	50
49	Probiotic Supplements Beneficially Affect Tryptophan Kynurenine Metabolism and Reduce the Incidence of Upper Respiratory Tract Infections in Trained Athletes: A Randomized, Double-Blinded, Placebo-Controlled Trial. <i>Nutrients</i> , 2016, 8, 752.	1.7	87
50	Mood, food, and cognition. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2016, 19, 55-61.	1.3	136
51	Tryptophan Metabolism in Allergic Disorders. <i>International Archives of Allergy and Immunology</i> , 2016, 169, 203-215.	0.9	64
52	Resveratrol intake enhances indoleamine-2,3-dioxygenase activity in humans. <i>Pharmacological Reports</i> , 2016, 68, 1065-1068.	1.5	13
53	Biomarkers for the role of macrophages in the development and progression of atherosclerosis. <i>Atherosclerosis</i> , 2016, 255, 117-118.	0.4	5
54	Cellular reactions to long-term volatile organic compound (VOC) exposures. <i>Scientific Reports</i> , 2016, 6, 37842.	1.6	21

#	ARTICLE	IF	CITATIONS
55	Mechanisms of Inflammation-Associated Depression: Immune Influences on Tryptophan and Phenylalanine Metabolisms. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 31, 95-115.	0.8	70
56	Bioactivities of two common polyphenolic compounds: Verbascoside and catechin. <i>Pharmaceutical Biology</i> , 2016, 54, 712-719.	1.3	9
57	Asymmetric dimethylarginine: a risk indicator or pathogenic factor?. <i>Polish Archives of Internal Medicine</i> , 2016, 126, 621-622.	0.3	1
58	Serum tryptophan, kynurenine, phenylalanine, tyrosine and neopterin concentrations in 100 healthy blood donors. <i>Pteridines</i> , 2015, 26, 31-36.	0.5	70
59	Quantitative Ethylene Measurements with MOx Chemiresistive Sensors at Different Relative Air Humidities. <i>Sensors</i> , 2015, 15, 28088-28098.	2.1	23
60	Disturbed Amino Acid Metabolism in HIV: Association with Neuropsychiatric Symptoms. <i>Frontiers in Psychiatry</i> , 2015, 6, 97.	1.3	53
61	Coffee Extracts Suppress Tryptophan Breakdown in Mitogen-Stimulated Peripheral Blood Mononuclear Cells. <i>Journal of the American College of Nutrition</i> , 2015, 34, 212-223.	1.1	23
62	Carbon monoxide exposure may underlie the increased leukaemia risk in children living next to motor highways. <i>European Journal of Epidemiology</i> , 2015, 30, 1329-1330.	2.5	3
63	Role of Tryptophan Metabolism in Mood, Behavior, and Cognition. , 2015, , 75-89.		3
64	Bisphenol A suppresses Th1-type immune response in human peripheral blood mononuclear cells in vitro. <i>Immunology Letters</i> , 2015, 168, 285-292.	1.1	31
65	The potential of targeting indoleamine 2,3-dioxygenase for cancer treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 605-615.	1.5	38
66	Regular consumption of black tea increases circulating kynurenine concentrations: A randomized controlled trial. <i>BBA Clinical</i> , 2015, 3, 31-35.	4.1	19
67	The good and bad of antioxidant foods: An immunological perspective. <i>Food and Chemical Toxicology</i> , 2015, 80, 72-79.	1.8	63
68	Oxidized LDL Is Strictly Limited to Hyperthyroidism Irrespective of Fat Feeding in Female Sprague Dawley Rats. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11689-11698.	1.8	2
69	Tryptophan and Nitric Oxide in Allergy. <i>Molecular and Integrative Toxicology</i> , 2015, , 55-73.	0.5	0
70	Inhibition of Collagenase by Mycosporine-like Amino Acids from Marine Sources. <i>Planta Medica</i> , 2015, 81, 813-820.	0.7	55
71	The effect of sensor temperature and MOx layer thickness on the sensitivity of SnO <sub>2</sub> - and WO <sub>3</sub> -based chemiresistive sensors to ethylene gas. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
72	Lavender oil suppresses indoleamine 2,3-dioxygenase activity in human PBMC. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 503.	3.7	20

#	ARTICLE	IF	CITATIONS
73	Comparison of in vitro tests for antioxidant and immunomodulatory capacities of compounds. <i>Phytomedicine</i> , 2014, 21, 164-171.	2.3	46
74	TiO <sub>2</sub> nanoparticles and bulk material stimulate human peripheral blood mononuclear cells. <i>Food and Chemical Toxicology</i> , 2014, 65, 63-69.	1.8	37
75	Effects of globularifolin on cell survival, nuclear factor- $\kappa$ B activity, neopterin production, tryptophan breakdown and free radicals in vitro. <i>F<math>\ddot{A}</math>-totrap<math>\ddot{A}</math>c</i> , 2014, 92, 85-92.	1.1	7
76	Antioxidants, inflammation and cardiovascular disease. <i>World Journal of Cardiology</i> , 2014, 6, 462.	0.5	262
77	Immunoregulatory Impact of Food Antioxidants. <i>Current Pharmaceutical Design</i> , 2014, 20, 840-849.	0.9	28
78	Lignans from <i>Carthamus tinctorius</i> suppress tryptophan breakdown via indoleamine 2,3-dioxygenase. <i>Phytomedicine</i> , 2013, 20, 1190-1195.	2.3	23
79	Pathway-focused bioassays and transcriptome analysis contribute to a better activity monitoring of complex herbal remedies. <i>BMC Genomics</i> , 2013, 14, 133.	1.2	16
80	Immunomodulatory effects in vitro of vitamin K antagonist acenocoumarol. <i>Thrombosis Research</i> , 2013, 131, e264-e269.	0.8	12
81	Immune activation and inflammation increase the plasma phenylalanine-to-tyrosine ratio. <i>Pteridines</i> , 2013, 24, 27-31.	0.5	28
82	Redox regulation of the immune response. <i>Redox Report</i> , 2013, 18, 88-94.	1.4	141
83	Neopterin suppresses the activity of tryptophan-degrading enzyme indoleamine 2,3-dioxygenase in human peripheral blood mononuclear cells. <i>Pteridines</i> , 2013, 24, 237-243.	0.5	0
84	Immunomodulatory properties of cacao extracts – potential consequences for medical applications. <i>Frontiers in Pharmacology</i> , 2013, 4, 154.	1.6	7
85	Antimalarial drug chloroquine counteracts activation of indoleamine (2,3)-dioxygenase activity in human PBMC. <i>FEBS Open Bio</i> , 2012, 2, 241-245.	1.0	18
86	An update on the strategies in multicomponent activity monitoring within the phytopharmaceutical field. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 18.	3.7	17
87	Prevention of lethal murine pancreas ischemia reperfusion injury is specific for tetrahydrobiopterin. <i>Transplant International</i> , 2012, 25, 1084-1095.	0.8	10
88	Effects of EpCAM overexpression on human breast cancer cell lines. <i>BMC Cancer</i> , 2011, 11, 45.	1.1	60
89	TROP2: a novel prognostic marker in squamous cell carcinoma of the oral cavity. <i>Modern Pathology</i> , 2008, 21, 186-191.	2.9	141
90	Pathogenic mutations inactivate parkin by distinct mechanisms. <i>Journal of Neurochemistry</i> , 2005, 92, 114-122.	2.1	98