

Clarissa Gerhauser

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5168357/publications.pdf>

Version: 2024-02-01

89
papers

7,503
citations

57719

44
h-index

62565

80
g-index

98
all docs

98
docs citations

98
times ranked

11432
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear Factor κ B Is a Molecular Target for Sulforaphane-mediated Anti-inflammatory Mechanisms. <i>Journal of Biological Chemistry</i> , 2001, 276, 32008-32015.	1.6	553
2	Glucosinolates in <i>Brassica</i> vegetables: The influence of the food supply chain on intake, bioavailability and human health. <i>Molecular Nutrition and Food Research</i> , 2009, 53, S219.	1.5	490
3	Beer constituents as potential cancer chemopreventive agents. <i>European Journal of Cancer</i> , 2005, 41, 1941-1954.	1.3	345
4	Cancer chemopreventive activity of Xanthohumol, a natural product derived from hop. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 959-69.	1.9	301
5	Integrative Genomic Analyses Reveal an Androgen-Driven Somatic Alteration Landscape in Early-Onset Prostate Cancer. <i>Cancer Cell</i> , 2013, 23, 159-170.	7.7	292
6	Mechanism-based in vitro screening of potential cancer chemopreventive agents. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 523-524, 163-172.	0.4	282
7	Genomic Deletion of PTEN Is Associated with Tumor Progression and Early PSA Recurrence in ERG Fusion-Positive and Fusion-Negative Prostate Cancer. <i>American Journal of Pathology</i> , 2012, 181, 401-412.	1.9	278
8	Quantitative comparison of DNA methylation assays for biomarker development and clinical applications. <i>Nature Biotechnology</i> , 2016, 34, 726-737.	9.4	270
9	DNMT and HDAC inhibitors induce cryptic transcription start sites encoded in long terminal repeats. <i>Nature Genetics</i> , 2017, 49, 1052-1060.	9.4	235
10	Cancer Chemopreventive Potential of Apples, Apple Juice, and Apple Components. <i>Planta Medica</i> , 2008, 74, 1608-1624.	0.7	230
11	Intratumor DNA Methylation Heterogeneity Reflects Clonal Evolution in Aggressive Prostate Cancer. <i>Cell Reports</i> , 2014, 8, 798-806.	2.9	219
12	Cancer chemopreventive activity of brassinin, a phytoalexin from cabbage. <i>Carcinogenesis</i> , 1995, 16, 399-404.	1.3	197
13	Molecular Evolution of Early-Onset Prostate Cancer Identifies Molecular Risk Markers and Clinical Trajectories. <i>Cancer Cell</i> , 2018, 34, 996-1011.e8.	7.7	190
14	Amide Analogues of Trichostatin A as Inhibitors of Histone Deacetylase and Inducers of Terminal Cell Differentiation. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4669-4679.	2.9	178
15	Inhibition of angiogenesis and endothelial cell functions are novel sulforaphane-mediated mechanisms in chemoprevention. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 575-585.	1.9	169
16	Cancer Chemoprevention by Targeting the Epigenome. <i>Current Drug Targets</i> , 2011, 12, 1925-1956.	1.0	159
17	Pan-cancer patterns of DNA methylation. <i>Genome Medicine</i> , 2014, 6, 66.	3.6	149
18	Cancer Chemoprevention and Nutri-Epigenetics: State of the Art and Future Challenges. <i>Topics in Current Chemistry</i> , 2012, 329, 73-132.	4.0	143

#	ARTICLE	IF	CITATIONS
19	Rotenoids mediate potent cancer chemopreventive activity through transcriptional regulation of ornithine decarboxylase. <i>Nature Medicine</i> , 1995, 1, 260-266.	15.2	137
20	Xanthohumol induces apoptosis in cultured 40-16 human colon cancer cells by activation of the death receptor- and mitochondrial pathway. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 837-843.	1.5	129
21	Broad spectrum antiinfective potential of xanthohumol from hop (<i>Humulus lupulus</i> L.) in comparison with activities of other hop constituents and xanthohumol metabolites. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 827-831.	1.5	126
22	Potential Cancer Chemopreventive in Vitro Activities of Monomeric Xanthone Derivatives from the Marine Algicolous Fungus <i>Monodictys putredinis</i> . <i>Journal of Natural Products</i> , 2007, 70, 353-360.	1.5	101
23	Xanthohumol metabolites in faeces of rats. <i>Phytochemistry</i> , 2004, 65, 561-570.	1.4	98
24	Activity-Guided Isolation of Constituents of <i>Tephrosia purpurea</i> with the Potential to Induce the Phase II Enzyme, Quinone Reductase. <i>Journal of Natural Products</i> , 1997, 60, 869-873.	1.5	96
25	Comparison of growth inhibition profiles and mechanisms of apoptosis induction in human colon cancer cell lines by isothiocyanates and indoles from Brassicaceae. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 599, 76-87.	0.4	94
26	In vitro chemopreventive potential of fucophloretols from the brown alga <i>Fucus vesiculosus</i> L. by anti-oxidant activity and inhibition of selected cytochrome P450 enzymes. <i>Phytochemistry</i> , 2010, 71, 221-229.	1.4	90
27	Random forest-based modelling to detect biomarkers for prostate cancer progression. <i>Clinical Epigenetics</i> , 2019, 11, 148.	1.8	89
28	Genome-wide methylation screen in low-grade breast cancer identifies novel epigenetically altered genes as potential biomarkers for tumor diagnosis. <i>FASEB Journal</i> , 2012, 26, 4937-4950.	0.2	84
29	Impact of Soy Isoflavones on the Epigenome in Cancer Prevention. <i>Nutrients</i> , 2014, 6, 4218-4272.	1.7	83
30	Xanthohumol-induced transient superoxide anion radical formation triggers cancer cells into apoptosis via a mitochondrial-mediated mechanism. <i>FASEB Journal</i> , 2010, 24, 2938-2950.	0.2	78
31	Cancer Chemopreventive in vitro Activities of Isoflavones Isolated from <i>Iris germanica</i> . <i>Planta Medica</i> , 2003, 69, 15-20.	0.7	68
32	Epigenetic impact of dietary isothiocyanates in cancer chemoprevention. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 405-410.	1.3	68
33	Structure-Activity Relationships on Phenylalanine-Containing Inhibitors of Histone Deacetylase: In Vitro Enzyme Inhibition, Induction of Differentiation, and Inhibition of Proliferation in Friend Leukemic Cells. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 3296-3309.	2.9	67
34	Induction of Quinone Reductase by Withanolides Isolated from <i>Physalis philadelphica</i> (Tomatillos). <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 3771-3777.	2.4	66
35	Quantitative combination effects between sulforaphane and 3,3'-diindolylmethane on proliferation of human colon cancer cells in vitro. <i>Carcinogenesis</i> , 2007, 28, 1471-1477.	1.3	65
36	Impact of dietary gut microbial metabolites on the epigenome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170359.	1.8	60

#	ARTICLE	IF	CITATIONS
37	Epigenetic silencing of triple negative breast cancer hallmarks by Withaferin A. <i>Oncotarget</i> , 2017, 8, 40434-40453.	0.8	59
38	Anti-inflammatory Acylphloroglucinol Derivatives from Hops (<i>Humulus lupulus</i>). <i>Journal of Natural Products</i> , 2005, 68, 1545-1548.	1.5	57
39	Time-Dependent Modulation of Thioredoxin Reductase Activity Might Contribute to Sulforaphane-Mediated Inhibition of NF- κ B Binding to DNA. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1601-1611.	2.5	54
40	Inhibition of endothelial cell functions by novel potential cancer chemopreventive agents. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 287-295.	1.0	52
41	A safety study of oral xanthohumol administration and its influence on fertility in Sprague Dawley rats. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 861-867.	1.5	52
42	Sulforaphane counteracts aggressiveness of pancreatic cancer driven by dysregulated Cx43-mediated gap junctional intercellular communication. <i>Oncotarget</i> , 2014, 5, 1621-1634.	0.8	50
43	Isolation and potential cancer chemopreventive activities of phenolic compounds of beer. <i>Phytochemistry Reviews</i> , 2002, 1, 369-377.	3.1	49
44	Intratumor heterogeneity in epigenetic patterns. <i>Seminars in Cancer Biology</i> , 2018, 51, 12-21.	4.3	49
45	Enhancing the anti-inflammatory activity of chalcones by tuning the Michael acceptor site. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3040-3047.	1.5	46
46	HPLC-Based Activity Profiling of <i>Salvia miltiorrhiza</i> for MAO A and iNOS Inhibitory Activities. <i>Planta Medica</i> , 2004, 70, 909-913.	0.7	43
47	Monodictyochromes A and B, Dimeric Xanthone Derivatives from the Marine Algicolous Fungus <i>Monodictys putredinis</i> . <i>Journal of Natural Products</i> , 2008, 71, 1793-1799.	1.5	42
48	Identification of differentially methylated BRCA1 and CRISP2 DNA regions as blood surrogate markers for cardiovascular disease. <i>Scientific Reports</i> , 2017, 7, 5120.	1.6	42
49	In vitro phase II metabolism of xanthohumol by human UDP-glucuronosyltransferases and sulfotransferases. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 851-856.	1.5	40
50	Identification of 3-hydroxy- β -damascone and related carotenoid-derived aroma compounds as novel potent inducers of Nrf2-mediated phase 2 response with concomitant anti-inflammatory activity. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1237-1244.	1.5	33
51	New Lanostanoids from <i>Ganoderma lucidum</i> that Induce NAD(P)H:Quinone Oxidoreductase in Cultured Hepalcl7 Murine Hepatoma Cells. <i>Planta Medica</i> , 2000, 66, 681-684.	0.7	32
52	Biphasic modulation of cell proliferation by sulforaphane at physiologically relevant exposure times in a human colon cancer cell line. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 977-984.	1.5	32
53	Noduliprevenone: A Novel Heterodimeric Chromanone with Cancer Chemopreventive Potential. <i>Chemistry - A European Journal</i> , 2008, 14, 9860-9863.	1.7	31
54	One-Pot Synthesis of Benzopyran-4-ones with Cancer Preventive and Therapeutic Potential. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 965-975.	1.2	31

#	ARTICLE	IF	CITATIONS
55	A systems biology network analysis of nutri(epi)genomic changes in endothelial cells exposed to epicatechin metabolites. <i>Scientific Reports</i> , 2018, 8, 15487.	1.6	31
56	Dose-dependent effects of isoflavone exposure during early lifetime on the rat mammary gland: Studies on estrogen sensitivity, isoflavone metabolism, and DNA methylation. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 270-283.	1.5	30
57	Suppression of indoleamine-2,3-dioxygenase 1 expression by promoter hypermethylation in ER-positive breast cancer. <i>Oncolmmunology</i> , 2017, 6, e1274477.	2.1	30
58	Structure of Tyrolbibenzyl D and Biological Activity of Tyrolbibenzyls from <i>Scorzonera humilis</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 614-619.	0.6	28
59	Modulation of Adipocyte Differentiation and Proadipogenic Gene Expression by Sulforaphane, Genistein, and Docosahexaenoic Acid as a First Step to Counteract Obesity. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	1.9	28
60	Role of lncRNAs in prostate cancer development and progression. <i>Biological Chemistry</i> , 2014, 395, 1275-1290.	1.2	27
61	Xanthohumol does not affect the composition of rat intestinal microbiota. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 868-873.	1.5	26
62	Xanthohumol, a prenylated chalcone from hops, modulates hepatic expression of genes involved in thyroid hormone distribution and metabolism. <i>Molecular Nutrition and Food Research</i> , 2010, 54, S225-35.	1.5	24
63	Fractionation of polyphenol-enriched apple juice extracts to identify constituents with cancer chemopreventive potential. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 1, S28-44.	1.5	23
64	Synthesis of Resveratrol Derivatives and <i>In Vitro</i> Screening for Potential Cancer Chemopreventive Activities. <i>Archiv Der Pharmazie</i> , 2016, 349, 414-427.	2.1	22
65	Bryodin, a single-chain ribosome-inactivating protein, selectively inhibits the growth of HIV-1-infected cells and reduces HIV-1 production. <i>Research in Experimental Medicine</i> , 1993, 193, 1-12.	0.7	19
66	A click chemistry approach identifies target proteins of xanthohumol. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 737-748.	1.5	19
67	Xanthohumol, a new all-rounder?. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 821-823.	1.5	14
68	Acute Exercise Increases the Expression of KIR2DS4 by Promoter Demethylation in NK Cells. <i>International Journal of Sports Medicine</i> , 2019, 40, 62-70.	0.8	13
69	Phenolic Beer Compounds to Prevent Cancer. , 2009, , 669-684.		12
70	Inhibitory effect of munetone, an isoflavonoid, on 12-O-tetradecanoylphorbol 13-acetate-induced ornithine decarboxylase activity. <i>Cancer Letters</i> , 1999, 136, 59-65.	3.2	11
71	Effect of inhibitors of histone deacetylase on the induction of cell differentiation in murine and human erythroleukemia cell lines. <i>Anti-Cancer Drugs</i> , 2005, 16, 635-643.	0.7	10
72	Cancer Chemopreventive Agents in Plants – A Continuing Challenge. <i>Planta Medica</i> , 2008, 74, 1523-1525.	0.7	7

#	ARTICLE	IF	CITATIONS
73	Anti-proliferative and Apoptosis-Inducing Properties of Xanthohumol, a Prenylated Chalcone from Hops (<i>Humulus lupulus</i> L.), 2012, , 69-93.		7
74	Cancer Chemopreventive Potential of Humulones and Isohumulones (Hops $\hat{I}\pm$ - and Iso- $\hat{I}\pm$ -acids): Induction of NAD(P)H:Quinone Reductase as a Novel Mechanism. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	6
75	Flavonoide und andere pflanzliche Wirkstoffe - Was hat praktische Relevanz? Sollen wir unser Essverhalten Ändern? -. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2001, 26, 137-143.	0.1	5
76	Substituted purine and 7-deazapurine compounds as modulators of epigenetic enzymes: a patent evaluation (WO2012075381). <i>Expert Opinion on Therapeutic Patents</i> , 2013, 23, 537-543.	2.4	4
77	Acylphloroglucinol Derivatives from Hops as Anti-inflammatory Agents. , 2009, , 753-757.		3
78	Genome-Wide DNA Methylation Profiling in Dietary Intervention Studies: a Userâ€™s Perspective. <i>Current Pharmacology Reports</i> , 2015, 1, 31-45.	1.5	2
79	The Chemopreventive Power of Isothiocyanates. , 2020, , 271-318.		2
80	LiSIs: An Online Scientific Workflow System for Virtual Screening. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 281-295.	0.6	2
81	Techniques for Assessing Anti-cancer Effects of Beer. , 2009, , 901-910.		1
82	Combination Cancer Chemoprevention by Targeting the Epigenome. , 2020, , 577-612.		1
83	Impact of soy isoflavones on the epigenome. <i>Toxicology Letters</i> , 2016, 258, S5.	0.4	0
84	Internationales Krebsgenomkonsortium (ICGC). <i>Medizinische Genetik</i> , 2017, 28, 416-423.	0.1	0
85	Cancer Risk Factors and Prevention. , 1998, , 57-88.		0
86	Krebsrisikofaktoren und KrebsprÄvention. , 1998, , 57-90.		0
87	PrÄventive Onkologie â€” das Endziel der BekÄmpfung bÄrsartiger Erkrankungen. , 2007, , 57-68.		0
88	Methods Used to Study Alterations of Cell Signaling and Proliferation. , 0, , 277-289.		0
89	Methods for the Assessment of Antiangiogenic Activity. , 0, , 291-301.		0