

Clarissa Gerhauser

List of Publications by Year in descending order

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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	The Chemopreventive Power of Isothiocyanates. , 2020, , 271-318.		2
2	Combination Cancer Chemoprevention by Targeting the Epigenome. , 2020, , 577-612.		1
3	Random forest-based modelling to detect biomarkers for prostate cancer progression. Clinical Epigenetics, 2019, 11, 148.	1.8	89
4	Acute Exercise Increases the Expression of KIR2DS4 by Promoter Demethylation in NK Cells. International Journal of Sports Medicine, 2019, 40, 62-70.	0.8	13
5	Impact of dietary gut microbial metabolites on the epigenome. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170359.	1.8	60
6	Intratumor heterogeneity in epigenetic patterns. Seminars in Cancer Biology, 2018, 51, 12-21.	4.3	49
7	Molecular Evolution of Early-Onset Prostate Cancer Identifies Molecular Risk Markers and Clinical Trajectories. Cancer Cell, 2018, 34, 996-1011.e8.	7.7	190
8	A systems biology network analysis of nutri(epi)genomic changes in endothelial cells exposed to epicatechin metabolites. Scientific Reports, 2018, 8, 15487.	1.6	31
9	Modulation of Adipocyte Differentiation and Proadipogenic Gene Expression by Sulforaphane, Genistein, and Docosahexaenoic Acid as a First Step to Counteract Obesity. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	28
10	Internationales Krebsgenomkonsortium (ICGC). Medizinische Genetik, 2017, 28, 416-423.	0.1	0
11	Suppression of indoleamine-2,3-dioxygenase 1 expression by promoter hypermethylation in ER-positive breast cancer. OncoImmunology, 2017, 6, e1274477.	2.1	30
12	DNMT and HDAC inhibitors induce cryptic transcription start sites encoded in long terminal repeats. Nature Genetics, 2017, 49, 1052-1060.	9.4	235
13	Identification of differentially methylated BRCA1 and CRISP2 DNA regions as blood surrogate markers for cardiovascular disease. Scientific Reports, 2017, 7, 5120.	1.6	42
14	Epigenetic silencing of triple negative breast cancer hallmarks by Withaferin A. Oncotarget, 2017, 8, 40434-40453.	0.8	59
15	A click chemistry approach identifies target proteins of xanthohumol. Molecular Nutrition and Food Research, 2016, 60, 737-748.	1.5	19
16	Impact of soy isoflavones on the epigenome. Toxicology Letters, 2016, 258, S5.	0.4	0
17	Synthesis of Resveratrol Derivatives and <i>In Vitro</i> Screening for Potential Cancer Chemopreventive Activities. Archiv Der Pharmazie, 2016, 349, 414-427.	2.1	22
18	Quantitative comparison of DNA methylation assays for biomarker development and clinical applications. Nature Biotechnology, 2016, 34, 726-737.	9.4	270

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19	One-Pot Synthesis of Benzopyranones with Cancer Preventive and Therapeutic Potential. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 965-975.	1.2	31
20	Genome-Wide DNA Methylation Profiling in Dietary Intervention Studies: a User's Perspective. <i>Current Pharmacology Reports</i> , 2015, 1, 31-45.	1.5	2
21	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
22	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
23	LiSIs: An Online Scientific Workflow System for Virtual Screening. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 281-295.	0.6	2
24	Impact of Soy Isoflavones on the Epigenome in Cancer Prevention. <i>Nutrients</i> , 2014, 6, 4218-4272.	1.7	83
25	Role of lncRNAs in prostate cancer development and progression. <i>Biological Chemistry</i> , 2014, 395, 1275-1290.	1.2	27
26	Pan-cancer patterns of DNA methylation. <i>Genome Medicine</i> , 2014, 6, 66.	3.6	149
27	Intratumor DNA Methylation Heterogeneity Reflects Clonal Evolution in Aggressive Prostate Cancer. <i>Cell Reports</i> , 2014, 8, 798-806.	2.9	219
28	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
29	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
30	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
31	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
32	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
33	Anti-proliferative and Apoptosis-Inducing Properties of Xanthohumol, a Prenylated Chalcone from Hops (<i>Humulus lupulus L.</i>), 2012, , 69-93.		7
34	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
35	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
36	Cancer Chemoprevention by Targeting the Epigenome. <i>Current Drug Targets</i> , 2011, 12, 1925-1956.	1.0	159

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37	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
38	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
39	Xanthohumol-induced transient superoxide anion radical formation triggers cancer cells into apoptosis via a mitochondria-mediated mechanism. <i>FASEB Journal</i> , 2010, 24, 2938-2950.	0.2	78
40	Phenolic Beer Compounds to Prevent Cancer. , 2009, , 669-684.		12
41	Techniques for Assessing Anti-cancer Effects of Beer. , 2009, , 901-910.		1
42	Acylphloroglucinol Derivatives from Hops as Anti-inflammatory Agents. , 2009, , 753-757.		3
43	Identification of 3-hydroxydamascone 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
44	Glucosinolates in Brassica 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
45	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
46	Noduliprevenone: A Novel Heterodimeric Chromanone with Cancer Chemopreventive Potential. <i>Chemistry - A European Journal</i> , 2008, 14, 9860-9863.	1.7	31
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	Cancer Chemopreventive Potential of Apples, Apple Juice, and Apple Components. <i>Planta Medica</i> , 2008, 74, 1608-1624.	0.7	230
49	Cancer Chemopreventive Agents in Plants – A Continuing Challenge. <i>Planta Medica</i> , 2008, 74, 1523-1525.	0.7	7
50	Cancer Chemopreventive Potential of Humulones and Isohumulones (Hops \pm - and Iso- \pm -acids): Induction of NAD(P)H:Quinone Reductase as a Novel Mechanism. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	6
51	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
52	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
53	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
54	Präventive Onkologie – das Endziel der Bekämpfung bösartiger Erkrankungen. , 2007, , 57-68.		0

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55	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
56	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
57	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
58	Xanthohumol does not affect the composition of rat intestinal microbiota. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 868-873.	1.5	26
59	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
60	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
61	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
62	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
63	Xanthohumol, a new all-rounder?. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 821-823.	1.5	14
64	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
65	Anti-inflammatory Acylphloroglucinol Derivatives from Hops (<i>Humulus lupulus</i>). <i>Journal of Natural Products</i> , 2005, 68, 1545-1548.	1.5	57
66	Beer constituents as potential cancer chemopreventive agents. <i>European Journal of Cancer</i> , 2005, 41, 1941-1954.	1.3	345
67	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
68	Xanthohumol metabolites in faeces of rats. <i>Phytochemistry</i> , 2004, 65, 561-570.	1.4	98
69	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
70	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
71	Cancer Chemopreventive in vitro Activities of Isoflavones Isolated from <i>Iris germanica</i> . <i>Planta Medica</i> , 2003, 69, 15-20.	0.7	68
72	Structure of Tyrolobibenzyl D and Biological Activity of Tyrolobibenzyls from <i>Scorzonera humilis</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 614-619.	0.6	28

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73	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
74	Isolation and potential cancer chemopreventive activities of phenolic compounds of beer. <i>Phytochemistry Reviews</i> , 2002, 1, 369-377.	3.1	49
75	Cancer chemopreventive activity of Xanthohumol, a natural product derived from hop. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 959-69.	1.9	301
76	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
77	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
78	New Lanostanoids from <i>Ganoderma lucidum</i> that Induce NAD(P)H:Quinone Oxidoreductase in Cultured Hepalclc7 Murine Hepatoma Cells. <i>Planta Medica</i> , 2000, 66, 681-684.	0.7	32
79	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
80	Inhibitory effect of munitone, an isoflavonoid, on 12-O-tetradecanoylphorbol 13-acetate-induced ornithine decarboxylase activity. <i>Cancer Letters</i> , 1999, 136, 59-65.	3.2	11
81	Cancer Risk Factors and Prevention. , 1998, , 57-88.		0
82	Krebsrisikofaktoren und Krebsprävention. , 1998, , 57-90.		0
83	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
84	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
85	Rotenoids mediate potent cancer chemopreventive activity through transcriptional regulation of ornithine decarboxylase. <i>Nature Medicine</i> , 1995, 1, 260-266.	15.2	137
86	Cancer chemopreventive activity of brassinin, a phytoalexin from cabbage. <i>Carcinogenesis</i> , 1995, 16, 399-404.	1.3	197
87	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
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