

# Burkhard Hinz

## List of Publications by Year in descending order

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70  
papers

3,705  
citations

117625

34  
h-index

128289

60  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Cannabinoid Compounds on Skin Cancer. <i>Cancers</i> , 2022, 14, 1769.	3.7	9
2	Cannabinoids as anticancer drugs: current status of preclinical research. <i>British Journal of Cancer</i> , 2022, 127, 1-13.	6.4	49
3	Validation of an LC-MS/MS Method for the Quantification of the CK2 Inhibitor Siltitasertib (CX-4945) in Human Plasma. <i>Molecules</i> , 2022, 27, 2394.	3.8	2
4	A Sensitive LC-MS/MS Method for the Simultaneous Determination of Two Thia-Analogous Indirubin N-Glycosides and Indirubin-3 $\beta$ -Monoxime in Plasma and Cell Culture Medium. <i>Molecules</i> , 2022, 27, 3031.	3.8	2
5	Influence of Test Specimen Geometry and Water Soaking on the In Vitro Cytotoxicity of Orthocryl <sup>®</sup> , Orthocryl <sup>®</sup> LC, Loctite <sup>®</sup> EA 9483 and Polypropylene. <i>Molecules</i> , 2022, 27, 3949.	3.8	0
6	Implementation of a combined CDK inhibition and arginine-deprivation approach to target arginine-auxotrophic glioblastoma multiforme cells. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	5
7	Correlation of Nabiximols Dose to Steady-State Concentrations of Cannabinoids in Urine Samples from Patients with Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 3717.	2.4	1
8	The Combination of $\delta^9$ -Tetrahydrocannabinol and Cannabidiol Suppresses Mitochondrial Respiration of Human Glioblastoma Cells via Downregulation of Specific Respiratory Chain Proteins. <i>Cancers</i> , 2022, 14, 3129.	3.7	13
9	Effective tumor cell abrogation via Venetoclax-mediated BCL-2 inhibition in KMT2A-rearranged acute B-lymphoblastic leukemia. <i>Cell Death Discovery</i> , 2022, 8, .	4.7	4
10	The Monoacylglycerol Lipase Inhibitor JZL184 Inhibits Lung Cancer Cell Invasion and Metastasis via the CB1 Cannabinoid Receptor. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 787-802.	4.1	23
11	Small Molecules in the Treatment of Squamous Cell Carcinomas: Focus on Indirubins. <i>Cancers</i> , 2021, 13, 1770.	3.7	15
12	The Endocannabinoid System as a Pharmacological Target for New Cancer Therapies. <i>Cancers</i> , 2021, 13, 5701.	3.7	23
13	Cannabinoid-Induced Autophagy and Heme Oxygenase-1 Determine the Fate of Adipose Tissue-Derived Mesenchymal Stem Cells under Stressful Conditions. <i>Cells</i> , 2020, 9, 2298.	4.1	7
14	A simple LC-MS/MS method for the simultaneous quantification of endocannabinoids in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1161, 122371.	2.3	15
15	Cannabidiol Promotes Endothelial Cell Survival by Heme Oxygenase-1-Mediated Autophagy. <i>Cells</i> , 2020, 9, 1703.	4.1	26
16	Influence of Casein kinase II inhibitor CX-4945 on BCL6-mediated apoptotic signaling in B-ALL in vitro and in vivo. <i>BMC Cancer</i> , 2020, 20, 184.	2.6	11
17	Anti-tumour actions of cannabinoids. <i>British Journal of Pharmacology</i> , 2019, 176, 1384-1394.	5.4	105
18	Modulation of the Endocannabinoid System as a Potential Anticancer Strategy. <i>Frontiers in Pharmacology</i> , 2019, 10, 430.	3.5	56

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19	Targeting the endocannabinoid system as a potential anticancer approach. <i>Drug Metabolism Reviews</i> , 2018, 50, 26-53.	3.6	37
20	The antiangiogenic action of cisplatin on endothelial cells is mediated through the release of tissue inhibitor of matrix metalloproteinases-1 from lung cancer cells. <i>Oncotarget</i> , 2018, 9, 34038-34055.	1.8	25
21	Up-regulation of heme oxygenase-1 expression and inhibition of disease-associated features by cannabidiol in vascular smooth muscle cells. <i>Oncotarget</i> , 2018, 9, 34595-34616.	1.8	28
22	Cannabinoids as Anticancer Drugs. <i>Advances in Pharmacology</i> , 2017, 80, 397-436.	2.0	58
23	Decisive role of P42/44 mitogen-activated protein kinase in $\delta^9$ -tetrahydrocannabinol-induced migration of human mesenchymal stem cells. <i>Oncotarget</i> , 2017, 8, 105984-105994.	1.8	6
24	Antitumorigenic targets of cannabinoids – current status and implications. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1219-1235.	3.4	31
25	Differential effects of endogenous, phyto and synthetic cannabinoids on thrombogenesis and platelet activity. <i>BioFactors</i> , 2016, 42, 581-590.	5.4	16
26	Inhibition of interleukin-1 $\beta$ -induced endothelial tissue factor expression by the synthetic cannabinoid WIN 55,212-2. <i>Oncotarget</i> , 2016, 7, 61438-61457.	1.8	4
27	Lovastatin lactone elicits human lung cancer cell apoptosis via a COX-2/PPAR $\gamma$ -dependent pathway. <i>Oncotarget</i> , 2016, 7, 10345-10362.	1.8	44
28	Fatty acid amide hydrolase inhibitors confer anti-invasive and antimetastatic effects on lung cancer cells. <i>Oncotarget</i> , 2016, 7, 15047-15064.	1.8	54
29	Celecoxib increases lung cancer cell lysis by lymphokine-activated killer cells via upregulation of ICAM-1. <i>Oncotarget</i> , 2015, 6, 39342-39356.	1.8	20
30	New Insights into Antimetastatic and Antiangiogenic Effects of Cannabinoids. <i>International Review of Cell and Molecular Biology</i> , 2015, 314, 43-116.	3.2	15
31	A simple method for simultaneous determination of N-arachidonylethanolamine, N-oleoylethanolamine, N-palmitoylethanolamine and 2-arachidonoylglycerol in human cells. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1781-1787.	3.7	21
32	Inhibition of FAAH confers increased stem cell migration via PPAR $\alpha$ . <i>Journal of Lipid Research</i> , 2015, 56, 1947-1960.	4.2	12
33	Increase of mesenchymal stem cell migration by cannabidiol via activation of p42/44 MAPK. <i>Biochemical Pharmacology</i> , 2014, 87, 489-501.	4.4	57
34	Cannabinoids inhibit angiogenic capacities of endothelial cells via release of tissue inhibitor of matrix metalloproteinases-1 from lung cancer cells. <i>Biochemical Pharmacology</i> , 2014, 91, 202-216.	4.4	52
35	Cannabinoids increase lung cancer cell lysis by lymphokine-activated killer cells via upregulation of ICAM-1. <i>Biochemical Pharmacology</i> , 2014, 92, 312-325.	4.4	79
36	Induction but not inhibition of COX-2 confers human lung cancer cell apoptosis by celecoxib. <i>Journal of Lipid Research</i> , 2013, 54, 3116-3129.	4.2	31

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37	COX-2 and PPAR- $\gamma$ Confer Cannabidiol-Induced Apoptosis of Human Lung Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 69-82.	4.1	169
38	Paracetamol and cyclooxygenase inhibition: is there a cause for concern?. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 20-25.	0.9	94
39	Cannabidiol inhibits lung cancer cell invasion and metastasis via intercellular adhesion molecule-1. <i>FASEB Journal</i> , 2012, 26, 1535-1548.	0.5	138
40	Paracetamol, ibuprofen, or a combination of both drugs against knee pain: an excellent new randomised clinical trial answers old questions and suggests new therapeutic recommendations. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1521-1522.	0.9	11
41	Decrease of Plasminogen Activator Inhibitor-1 May Contribute to the Anti-Invasive Action of Cannabidiol on Human Lung Cancer Cells. <i>Pharmaceutical Research</i> , 2010, 27, 2162-2174.	3.5	74
42	Cannabidiol inhibits cancer cell invasion via upregulation of tissue inhibitor of matrix metalloproteinases-1. <i>Biochemical Pharmacology</i> , 2010, 79, 955-966.	4.4	150
43	Cyclooxygenase-2 and tissue inhibitor of matrix metalloproteinases-1 confer the antimigratory effect of cannabinoids on human trabecular meshwork cells. <i>Biochemical Pharmacology</i> , 2010, 80, 846-857.	4.4	19
44	Synthesis of Thiazolone Analogous Indirubin N-Glycosides and their Influence on Melanoma Cell Growth and Apoptosis. <i>ChemMedChem</i> , 2010, 5, 534-539.	3.2	19
45	Using pharmacokinetic principles to optimize pain therapy. <i>Nature Reviews Rheumatology</i> , 2010, 6, 589-598.	8.0	24
46	Antitumorigenic Effects of Cannabinoids beyond Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 336-344.	2.5	67
47	R(+)-Methanandamide-Induced Apoptosis of Human Cervical Carcinoma Cells Involves A Cyclooxygenase-2-Dependent Pathway. <i>Pharmaceutical Research</i> , 2009, 26, 346-355.	3.5	44
48	Aspirin and acetaminophen: Should they be available over the counter?. <i>Current Rheumatology Reports</i> , 2009, 11, 36-40.	4.7	21
49	Inhibition of Cancer Cell Invasion by Cannabinoids via Increased Expression of Tissue Inhibitor of Matrix Metalloproteinases-1. <i>Journal of the National Cancer Institute</i> , 2008, 100, 59-69.	6.3	195
50	Can drug removals involving cyclooxygenase-2 inhibitors be avoided? A plea for human pharmacology. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 391-397.	8.7	23
51	Acetaminophen (paracetamol) is a selective cyclooxygenase-2 inhibitor in man. <i>FASEB Journal</i> , 2008, 22, 383-390.	0.5	380
52	Alkamides from Echinacea inhibit cyclooxygenase-2 activity in human neuroglioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 441-446.	2.1	49
53	Drug Insight: cyclo-oxygenase-2 inhibitors—a critical appraisal. <i>Nature Clinical Practice Rheumatology</i> , 2007, 3, 552-560.	3.2	46
54	Dipyron e licits substantial inhibition of peripheral cyclooxygenases in humans: new insights into the pharmacology of an old analgesic. <i>FASEB Journal</i> , 2007, 21, 2343-2351.	0.5	114

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55	R(+)-Methanandamide Elicits a Cyclooxygenase-2-Dependent Mitochondrial Apoptosis Signaling Pathway in Human Neuroglioma Cells. <i>Pharmaceutical Research</i> , 2006, 23, 90-94.	3.5	14
56	Determination of the endocannabinoid anandamide in human plasma by high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2006, 20, 336-342.	1.7	35
57	A validated high-performance liquid chromatographic assay for determination of lumiracoxib in human plasma. <i>Biomedical Chromatography</i> , 2006, 20, 1033-1037.	1.7	7
58	More pronounced inhibition of cyclooxygenase 2, increase in blood pressure, and reduction of heart rate by treatment with diclofenac compared with celecoxib and rofecoxib. <i>Arthritis and Rheumatism</i> , 2006, 54, 282-291.	6.7	48
59	R(+)-Methanandamide and Other Cannabinoids Induce the Expression of Cyclooxygenase-2 and Matrix Metalloproteinases in Human Nonpigmented Ciliary Epithelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 1219-1228.	2.5	40
60	Latanoprost induces matrix metalloproteinase-1 expression in human nonpigmented ciliary epithelial cells through a cyclooxygenase-2-dependent mechanism. <i>FASEB Journal</i> , 2005, 19, 1929-1931.	0.5	54
61	Prostaglandin E2 induces cyclooxygenase-2 expression in human non-pigmented ciliary epithelial cells through activation of p38 and p42/44 mitogen-activated protein kinases. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1171-1178.	2.1	44
62	Up-Regulation of Cyclooxygenase-2 Expression Is Involved in R(+)-Methanandamide-Induced Apoptotic Death of Human Neuroglioma Cells. <i>Molecular Pharmacology</i> , 2004, 66, 1643-1651.	2.3	88
63	R(+)-methanandamide-induced cyclooxygenase-2 expression in H4 human neuroglioma cells: possible involvement of membrane lipid rafts. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 621-626.	2.1	31
64	Celecoxib inhibits metabolism of cytochrome P450 2D6 substrate metoprolol in humans. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 74, 130-137.	4.7	74
65	Aceclofenac spares cyclooxygenase 1 as a result of limited but sustained biotransformation to diclofenac. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 74, 222-235.	4.7	53
66	Ceramide Is Involved in R(+)-Methanandamide-Induced Cyclooxygenase-2 Expression in Human Neuroglioma Cells. <i>Molecular Pharmacology</i> , 2003, 64, 1189-1198.	2.3	57
67	Cyclooxygenase-2 "10 Years Later. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 367-375.	2.5	445
68	R(+)-Methanandamide Induces Cyclooxygenase-2 Expression in Human Neuroglioma Cells via a Non-cannabinoid Receptor-Mediated Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2001, 286, 1144-1152.	2.1	42
69	Antipyretic analgesics. , 2001, , 255-271.		0
70	Cyclooxygenase-2 Expression in Lipopolysaccharide-Stimulated Human Monocytes Is Modulated by Cyclic AMP, Prostaglandin E2, and Nonsteroidal Anti-inflammatory Drugs. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 790-796.	2.1	80