

Hubert Hondermarck

List of Publications by Year in descending order

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106
papers

4,611
citations

117571

34
h-index

110317

64
g-index

114
all docs

114
docs citations

114
times ranked

6068
citing authors

#	ARTICLE	IF	CITATIONS
1	Secretome analysis of human schwann cells derived from malignant peripheral nerve sheath tumor. <i>Proteomics</i> , 2022, 22, e2100063.	1.3	0
2	Tumor innervation is triggered by endoplasmic reticulum stress. <i>Oncogene</i> , 2022, 41, 586-599.	2.6	9
3	High nerve density in breast cancer is associated with poor patient outcome. <i>FASEB BioAdvances</i> , 2022, 4, 391-401.	1.3	8
4	Proteome and secretome analysis of pancreatic cancer cells. <i>Proteomics</i> , 2022, 22, e2100320.	1.3	8
5	Expression of NGF/proNGF and Their Receptors TrkA, p75NTR and Sortilin in Melanoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4260.	1.8	9
6	The neurotrophic tyrosine kinase receptor 1 (TrkA) is overexpressed in oesophageal squamous cell carcinoma. <i>Pathology</i> , 2021, 53, 470-477.	0.3	7
7	ASIC1 and ASIC3 mediate cellular senescence of human nucleus pulposus mesenchymal stem cells during intervertebral disc degeneration. <i>Aging</i> , 2021, 13, 10703-10723.	1.4	29
8	Tumor innervation and clinical outcome in pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 7390.	1.6	29
9	ELISA-based quantification of neurotrophic growth factors in urine from prostate cancer patients. <i>FASEB BioAdvances</i> , 2021, 3, 888-896.	1.3	3
10	The nervous system: Orchestra conductor in cancer, regeneration, inflammation and immunity. <i>FASEB BioAdvances</i> , 2021, 3, 944-952.	1.3	4
11	Evidence of the Nerve-Cancer Connection in Female Reproductive Cancers. <i>Medical Sciences Forum</i> , 2021, 3, 9.	0.5	0
12	Regenerative responses of rabbit corneal endothelial cells to stimulation by fibroblast growth factor 1 (FGF1) derivatives, TTHX1001 and TTHX1114. <i>Growth Factors</i> , 2021, 39, 14-27.	0.5	6
13	Proteomic Profile of Human Schwann Cells. <i>Proteomics</i> , 2020, 20, 1900294.	1.3	7
14	Nerve growth factor and its receptor tyrosine kinase TrkA are overexpressed in cervical squamous cell carcinoma. <i>FASEB BioAdvances</i> , 2020, 2, 398-408.	1.3	12
15	On pandemics, pandemonium, and possibilities. <i>FASEB BioAdvances</i> , 2020, 2, 329-330.	1.3	3
16	Schwann Cell Stimulation of Pancreatic Cancer Cells: A Proteomic Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 1601.	1.3	17
17	The Receptor Tyrosine Kinase TrkA Is Increased and Targetable in HER2-Positive Breast Cancer. <i>Biomolecules</i> , 2020, 10, 1329.	1.8	9
18	The Membrane Protein Sortilin Can Be Targeted to Inhibit Pancreatic Cancer Cell Invasion. <i>American Journal of Pathology</i> , 2020, 190, 1931-1942.	1.9	17

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19	Broadening the Scopeâ€¦. FASEB BioAdvances, 2020, 2, 285-285.	1.3	0
20	Clinicopathological Significance of Nerves in Esophageal Cancer. American Journal of Pathology, 2020, 190, 1921-1930.	1.9	12
21	Cold Shock Domain Containing E1 (CSDE1) Protein is Overexpressed and Can be Targeted to Inhibit Invasiveness in Pancreatic Cancer Cells. Proteomics, 2020, 20, e1900331.	1.3	8
22	Innervation of papillary thyroid cancer and its association with extra-thyroidal invasion. Scientific Reports, 2020, 10, 1539.	1.6	26
23	Tumour innervation and neurosignalling in prostate cancer. Nature Reviews Urology, 2020, 17, 119-130.	1.9	50
24	The role of growth factor receptors in viral infections: An opportunity for drug repurposing against emerging viral diseases such as COVIDâ€¦19?. FASEB BioAdvances, 2020, 2, 296-303.	1.3	50
25	Roadmap for the Emerging Field of Cancer Neuroscience. Cell, 2020, 181, 219-222.	13.5	182
26	Proteomic Analysis Reveals that Topoisomerase 2A is Associated with Defective Sperm Head Morphology. Molecular and Cellular Proteomics, 2020, 19, 444-455.	2.5	13
27	Perineural invasion by prostate adenocarcinoma in needle biopsies predicts bone metastasis: Ten year data from the TROG 03.04 RADAR Trial. Histopathology, 2020, 77, 284-292.	1.6	19
28	Shwachmanâ€¦Bodianâ€¦Diamond syndrome (SBDS) protein is a direct inhibitor of protein phosphatase 2A (PP2A) activity and overexpressed in acute myeloid leukaemia. Leukemia, 2020, 34, 3393-3397.	3.3	14
29	Broadening the Scope (Part II)â€¦. FASEB BioAdvances, 2020, 2, 525-525.	1.3	0
30	FASEB BioAdvancesâ€¦Introductory editorial. FASEB BioAdvances, 2019, 1, 349-349.	1.3	0
31	Signal Transduction in Diffuse Intrinsic Pontine Glioma. Proteomics, 2019, 19, 1800479.	1.3	36
32	Cancer Omics: Adding Understanding to Knowledge. Proteomics, 2019, 19, 1800393.	1.3	0
33	Cancer Proteomics and the Elusive Diagnostic Biomarkers. Proteomics, 2019, 19, 1800445.	1.3	11
34	Bringing Heparan Sulfate Glycomics Together with Proteomics for the Design of Novel Therapeutics: A Historical Perspective. Proteomics, 2019, 19, 1800466.	1.3	4
35	Identification of three subtypes of triple-negative breast cancer with potential therapeutic implications. Breast Cancer Research, 2019, 21, 65.	2.2	78
36	FAT1 cadherin controls neuritogenesis during NTera2 cell differentiation. Biochemical and Biophysical Research Communications, 2019, 514, 625-631.	1.0	9

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37	Tumor Neurobiology and the War of Nerves in Cancer. <i>Cancer Discovery</i> , 2019, 9, 702-710.	7.7	163
38	The precursor for nerve growth factor (proNGF) is not a serum or biopsy-rinse biomarker for thyroid cancer diagnosis. <i>BMC Endocrine Disorders</i> , 2019, 19, 128.	0.9	2
39	The Precursor for Nerve Growth Factor (proNGF) in Thyroid Cancer Lymph Node Metastases: Correlation with Primary Tumour and Pathological Variables. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5924.	1.8	4
40	Characterization of prostate cancer using diffusion tensor imaging: A new perspective. <i>European Journal of Radiology</i> , 2019, 110, 112-120.	1.2	20
41	Cell-Free DNA Blood Collection Tubes Are Appropriate for Clinical Proteomics: A Demonstration in Colorectal Cancer. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700121.	0.8	11
42	Proteomic Profiling of Human Uterine Fibroids Reveals Upregulation of the Extracellular Matrix Protein Periostin. <i>Endocrinology</i> , 2018, 159, 1106-1118.	1.4	17
43	The Sympathetic Nervous System Drives Tumor Angiogenesis. <i>Trends in Cancer</i> , 2018, 4, 93-94.	3.8	29
44	Neurotrophin Receptors TrkA, p75NTR, and Sortilin Are Increased and Targetable in Thyroid Cancer. <i>American Journal of Pathology</i> , 2018, 188, 229-241.	1.9	44
45	Cancer Omics: A Special Issue to Highlight Where We Are Heading. <i>Proteomics</i> , 2018, 18, 1800381.	1.3	0
46	The Emerging Role of the Microenvironment in Endometrial Cancer. <i>Cancers</i> , 2018, 10, 408.	1.7	54
47	The neurotrophic tyrosine kinase receptor TrkA and its ligand NGF are increased in squamous cell carcinomas of the lung. <i>Scientific Reports</i> , 2018, 8, 8135.	1.6	27
48	Neuroproteins in Cancer: Assumed Bystanders Become Culprits. <i>Proteomics</i> , 2018, 18, e1800049.	1.3	9
49	Targeting neurotrophin signaling in cancer: The renaissance. <i>Pharmacological Research</i> , 2018, 135, 12-17.	3.1	71
50	Gelatin-albumin hybrid nanoparticles as matrix metalloproteinases-degradable delivery systems for breast cancer therapy. <i>Nanomedicine</i> , 2017, 12, 977-989.	1.7	15
51	Nerve Dependence: From Regeneration to Cancer. <i>Cancer Cell</i> , 2017, 31, 342-354.	7.7	197
52	Scout-MRM: Multiplexed Targeted Mass Spectrometry-Based Assay without Retention Time Scheduling Exemplified by <i>Dickeya dadantii</i> Proteomic Analysis during Plant Infection. <i>Analytical Chemistry</i> , 2017, 89, 1421-1426.	3.2	19
53	Proteogenomics Gets onto the Regulation of mRNA Decoding and Translation into Protein. <i>Proteomics</i> , 2017, 17, 1700315.	1.3	0
54	Spinal Cord Injuries and Nerve Dependence in Prostate Cancer. <i>Trends in Cancer</i> , 2017, 3, 812-815.	3.8	20

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55	Albumin hybrid nanoparticles loaded with tyrosine kinase A inhibitor GNF-5837 for targeted inhibition of breast cancer cell growth and invasion. <i>International Journal of Pharmaceutics</i> , 2016, 515, 527-534.	2.6	6
56	Antibody-targeted biodegradable nanoparticles for cancer therapy. <i>Nanomedicine</i> , 2016, 11, 63-79.	1.7	76
57	ProNGF is a potential diagnostic biomarker for thyroid cancer. <i>Oncotarget</i> , 2016, 7, 28488-28497.	0.8	24
58	Nerve fibers infiltrate the tumor microenvironment and are associated with nerve growth factor production and lymph node invasion in breast cancer. <i>Molecular Oncology</i> , 2015, 9, 1626-1635.	2.1	105
59	Proteotranscriptomic Profiling of 231-BR Breast Cancer Cells: Identification of Potential Biomarkers and Therapeutic Targets for Brain Metastasis. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2316-2330.	2.5	59
60	Proteogenomics: emergence and promise. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 953-957.	2.4	36
61	Nerve-Cell Cross-talk: A Novel Promoter of Tumor Progression. <i>Cancer Research</i> , 2015, 75, 1777-1781.	0.4	202
62	FAT1 cadherin acts upstream of Hippo signalling through TAZ to regulate neuronal differentiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4653-4669.	2.4	35
63	Docosahexaenoic acid inhibits the invasion of MDA-MB-231 breast cancer cells through upregulation of cytokeratin-1. <i>International Journal of Oncology</i> , 2015, 46, 2649-2655.	1.4	19
64	NGF and ProNGF: Regulation of neuronal and neoplastic responses through receptor signaling. <i>Advances in Biological Regulation</i> , 2015, 58, 16-27.	1.4	91
65	Sortilin is associated with breast cancer aggressiveness and contributes to tumor cell adhesion and invasion. <i>Oncotarget</i> , 2015, 6, 10473-10486.	0.8	58
66	INPP4B is upregulated and functions as an oncogenic driver through SGK3 in a subset of melanomas. <i>Oncotarget</i> , 2015, 6, 39891-39907.	0.8	40
67	ProNGF Correlates with Gleason Score and Is a Potential Driver of Nerve Infiltration in Prostate Cancer. <i>American Journal of Pathology</i> , 2014, 184, 3156-3162.	1.9	86
68	Rita Levi-Montalcini (1909-2012). <i>Nature</i> , 2013, 493, 306-306.	13.7	7
69	Dissecting the Roles of Tyrosines 490 and 785 of TrkA Protein in the Induction of Downstream Protein Phosphorylation Using Chimeric Receptors. <i>Journal of Biological Chemistry</i> , 2013, 288, 16606-16618.	1.6	18
70	Pro-nerve Growth Factor Induces Autocrine Stimulation of Breast Cancer Cell Invasion through Tropomyosin-related Kinase A (TrkA) and Sortilin Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 1923-1931.	1.6	69
71	Neurotrophins and their receptors in breast cancer. <i>Cytokine and Growth Factor Reviews</i> , 2012, 23, 357-365.	3.2	90
72	Brain-Derived Neurotrophic Factor and Neurotrophin-4/5 Are Expressed in Breast Cancer and Can Be Targeted to Inhibit Tumor Cell Survival. <i>Clinical Cancer Research</i> , 2011, 17, 1741-1752.	3.2	105

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73	Protein PTMs: post-translational modifications or pesky trouble makers?. Journal of Mass Spectrometry, 2010, 45, 1095-1097.	0.7	14
74	Nerve Growth Factor Is a Potential Therapeutic Target in Breast Cancer. Cancer Research, 2008, 68, 346-351.	0.4	153
75	Proteomics Demonstration That Normal Breast Epithelial Cells Can Induce Apoptosis of Breast Cancer Cells through Insulin-like Growth Factor-binding Protein-3 and Maspin. Molecular and Cellular Proteomics, 2007, 6, 1239-1247.	2.5	27
76	Nerve Growth Factor Receptor TrkA Signaling in Breast Cancer Cells Involves Ku70 to Prevent Apoptosis. Molecular and Cellular Proteomics, 2007, 6, 1842-1854.	2.5	34
77	How I became a biochemist. IUBMB Life, 2006, 58, 495-498.	1.5	1
78	From Proteins to Proteomics. IUBMB Life, 2005, 57, 267-272.	1.5	49
79	Methionyl aminopeptidase type 2. , 2004, , 917-922.		0
80	Methionine aminopeptidase 2 inhibition: antiangiogenesis and tumour therapy. Expert Opinion on Therapeutic Patents, 2004, 14, 1-6.	2.4	19
81	PC12 cell activation by epidermal growth factor receptor: role of autophosphorylation sites. International Journal of Developmental Neuroscience, 2003, 21, 63-74.	0.7	16
82	Methionine aminopeptidases and angiogenesis. Essays in Biochemistry, 2002, 38, 65-78.	2.1	48
83	Expression of the urokinase plasminogen activator receptor is transiently required during priming of PC12 cells in nerve growth factor-directed cellular differentiation. Journal of Neuroscience Research, 2001, 63, 341-346.	1.3	25
84	Nerve Growth Factor Stimulates Proliferation and Survival of Human Breast Cancer Cells through Two Distinct Signaling Pathways. Journal of Biological Chemistry, 2001, 276, 17864-17870.	1.6	200
85	Discoidin domain receptor 1 (DDR1) signaling in PC12 cells: activation of juxtamembrane domains in PDGFR/DDR/TrkA chimeric receptors. FASEB Journal, 2000, 14, 973-981.	0.2	37
86	Yeast methionine aminopeptidase I can utilize either Zn ²⁺ or Co ²⁺ as a cofactor: A case of mistaken identity?. Protein Science, 1998, 7, 2684-2687.	3.1	135
87	FGF signal transduction in PC12 cells: Comparison of the responses induced by endogenous and chimeric receptors. Immunology and Cell Biology, 1998, 76, 406-413.	1.0	17
88	Application of combined mass spectrometry and partial amino acid sequence to the identification of gel-separated proteins. Electrophoresis, 1996, 17, 877-891.	1.3	85
89	PC12-E2 cells: A stable variant with altered responses to growth factor stimulation. Journal of Cellular Physiology, 1995, 164, 522-532.	2.0	33
90	Autocrine mitogenic activity of pheromones produced by the protozoan ciliate Euplotes raikovi. Nature, 1995, 376, 522-524.	13.7	78

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91	Chemical Signaling in Ciliates. <i>Journal of Eukaryotic Microbiology</i> , 1995, 42, 208-212.	0.8	58
92	Nerve growth factor: Structure/function relationships. <i>Protein Science</i> , 1994, 3, 1901-1913.	3.1	69
93	Synthetic chimeras of mouse growth factor-associated glandular kallikreins. I. Kinetic properties. <i>Protein Science</i> , 1993, 2, 1210-1219.	3.1	6
94	Synthetic chimeras of mouse growth factor-associated glandular kallikreins. II. Growth factor binding properties. <i>Protein Science</i> , 1993, 2, 1220-1228.	3.1	6
95	Localization of Acidic Fibroblast Growth Factor within the Mouse Brain Using Biochemical and Immunocytochemical Techniques. <i>Growth Factors</i> , 1992, 6, 139-157.	0.5	18
96	Localization of Acidic Fibroblast Growth Factor within the Mouse Brain Using Biochemical and Immunocytochemical Techniques. <i>Growth Factors</i> , 1992, 6, 139-157.	0.5	31
97	The disulfide bond pairing of the pheromones E ₁ and E ₂ of the ciliated protozoan <i>Euplotes raikovi</i> . <i>Protein Science</i> , 1992, 1, 777-785.	3.1	34
98	Microinjection of a p21ras Antibody into PC12 Cells Inhibits Neurite Outgrowth Induced by Nerve Growth Factor and Basic Fibroblast Growth Factor. <i>Growth Factors</i> , 1991, 4, 145-155.	0.5	17
99	Structural characterization of mating pheromone precursors of the ciliate protozoan <i>Euplotes raikovi</i> . High conservation of pre and pro regions versus high variability of secreted regions. <i>FEBS Journal</i> , 1991, 202, 759-764.	0.2	34
100	Production of 1,2-Diacylglycerol in PC12 Cells by Nerve Growth Factor and Basic Fibroblast Growth Factor. <i>Journal of Neurochemistry</i> , 1990, 54, 1666-1676.	2.1	60
101	Reciprocal Modulation of Astrocyte Stellation by Thrombin and Protease Nexin-1. <i>Journal of Neurochemistry</i> , 1990, 54, 1735-1743.	2.1	207
102	Modulation of growth factor induced fiber outgrowth in rat pheochromocytoma (PC12) cells by a fibronectin receptor antibody. <i>Journal of Cellular Physiology</i> , 1989, 138, 121-128.	2.0	13
103	Role of glandular kallikreins as growth factor processing enzymes: Structural and evolutionary considerations. <i>Journal of Cellular Biochemistry</i> , 1987, 33, 65-75.	1.2	50
104	Nerve growth factor biosynthesis: Isolation and characterization of a guinea pig prostate kallikrein. <i>Journal of Cellular Biochemistry</i> , 1985, 29, 309-319.	1.2	14
105	The Structure of Murine 7S Nerve Growth Factor: Implications For Biosynthesis. <i>International Journal of Neuroscience</i> , 1985, 26, 95-108.	0.8	7
106	Neurobiology: What cloned genes can tell us about nerve growth factor. <i>Nature</i> , 1983, 303, 751-751.	18.7	11