

# Herman Yeger

## List of Publications by Year in descending order

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82  
papers

6,331  
citations

136740

32  
h-index

69108

77  
g-index

85  
all docs

85  
docs citations

85  
times ranked

8293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination therapy in combating cancer. <i>Oncotarget</i> , 2017, 8, 38022-38043.	0.8	1,471
2	Decreased levels of the cell-cycle inhibitor p27Kip1 protein: Prognostic implications in primary breast cancer. <i>Nature Medicine</i> , 1997, 3, 227-230.	15.2	770
3	Oxygen sensing in airway chemoreceptors. <i>Nature</i> , 1993, 365, 153-155.	13.7	436
4	P-Glycoprotein Expression as a Predictor of the Outcome of Therapy for Neuroblastoma. <i>New England Journal of Medicine</i> , 1991, 325, 1608-1614.	13.9	430
5	Glypican-3 Deficient Mice Exhibit Developmental Overgrowth and Some of the Abnormalities Typical of Simpson-Golabi-Behmel Syndrome. <i>Journal of Cell Biology</i> , 1999, 146, 255-264.	2.3	296
6	Hypoxia Enhances Tumor Stemness by Increasing the Invasive and Tumorigenic Side Population Fraction. <i>Stem Cells</i> , 2008, 26, 1818-1830.	1.4	275
7	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. <i>Blood</i> , 1999, 93, 1308-1318.	0.6	190
8	CD271 <sup>+</sup> Bone Marrow Mesenchymal Stem Cells May Provide a Niche for Dormant <i>Mycobacterium tuberculosis</i> . <i>Science Translational Medicine</i> , 2013, 5, 170ra13.	5.8	171
9	A Hypoxia-Driven Vascular Endothelial Growth Factor/Flt1 Autocrine Loop Interacts with Hypoxia-Inducible Factor-1 $\alpha$ through Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase 1/2 Pathway in Neuroblastoma. <i>Cancer Research</i> , 2005, 65, 7267-7275.	0.4	119
10	CCN3 (NOV) Is a Negative Regulator of CCN2 (CTGF) and a Novel Endogenous Inhibitor of the Fibrotic Pathway in an in Vitro Model of Renal Disease. <i>American Journal of Pathology</i> , 2009, 174, 1725-1734.	1.9	101
11	The Expression of <i>ccn3(nov)</i> Gene in Musculoskeletal Tumors. <i>American Journal of Pathology</i> , 2002, 160, 849-859.	1.9	99
12	HMG CoA reductase mediates the biological effects of retinoic acid on human neuroblastoma cells: Lovastatin specifically targets glycoprotein-expressing cells. <i>Nature Medicine</i> , 1996, 2, 326-333.	15.2	98
13	Recent advances and controversies on the role of pulmonary neuroepithelial bodies as airway sensors. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 40-50.	2.3	94
14	The role of Sulforaphane in cancer chemoprevention and health benefits: a mini-review. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 91-101.	1.8	93
15	VX-809 and Related Corrector Compounds Exhibit Secondary Activity Stabilizing Active F508del-CFTR after Its Partial Rescue to the Cell Surface. <i>Chemistry and Biology</i> , 2014, 21, 666-678.	6.2	86
16	The CCN family of genes: a perspective on CCN biology and therapeutic potential. <i>Journal of Cell Communication and Signaling</i> , 2007, 1, 159-164.	1.8	79
17	Immunohistochemical and electron microscopic assessment of childhood rhabdomyosarcoma. Increased frequency of diagnosis over routine histologic methods. <i>Cancer</i> , 1983, 51, 1897-1903.	2.0	76
18	Squalene Selectively Protects Mouse Bone Marrow Progenitors Against Cisplatin and Carboplatin-Induced Cytotoxicity In Vivo Without Protecting Tumor Growth. <i>Neoplasia</i> , 2008, 10, 1105-1114.	2.3	72

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19	Lovastatin-induced apoptosis of human medulloblastoma cell lines in vitro. <i>Journal of Neuro-Oncology</i> , 1999, 42, 1-11.	1.4	69
20	HIF $\alpha$ Suppresses p53 to Enhance the Stemness and Regenerative Potential of Human Embryonic Stem Cells. <i>Stem Cells</i> , 2012, 30, 1685-1695.	1.4	68
21	Loss of heterozygosity mapping in Wilms tumor indicates the involvement of three distinct regions and a limited role for nondisjunction or mitotic recombination. <i>Genes Chromosomes and Cancer</i> , 1992, 5, 326-334.	1.5	67
22	Epithelial Na <sup>+</sup> Channel (ENaC) Expression in the Developing Normal and Abnormal Human Perinatal Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 1322-1331.	2.5	66
23	Cell biology of pulmonary neuroepithelial bodies?validation of an in vitro model. I. Effects of hypoxia and Ca <sup>2+</sup> ionophore on serotonin content and exocytosis of dense core vesicles. <i>The Anatomical Record</i> , 1993, 236, 41-52.	2.3	60
24	Derivation and characterization of a Wilms' tumour cell line, WiT 49. <i>International Journal of Cancer</i> , 2003, 107, 365-374.	2.3	59
25	CCN family of proteins: critical modulators of the tumor cell microenvironment. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 229-240.	1.8	59
26	Expression of the human NOV gene in first trimester fetal tissues. <i>Anatomy and Embryology</i> , 2001, 203, 417-427.	1.5	56
27	A Gene Expression Signature for Relapse of Primary Wilms Tumors. <i>Cancer Research</i> , 2005, 65, 2592-2601.	0.4	56
28	Combination of carbonic anhydrase inhibitor, acetazolamide, and sulforaphane, reduces the viability and growth of bronchial carcinoid cell lines. <i>BMC Cancer</i> , 2013, 13, 378.	1.1	53
29	TGF $\beta$ 1 induces EMT reprogramming of porcine bladder urothelial cells into collagen producing fibroblasts-like cells in a Smad2/Smad3-dependent manner. <i>Journal of Cell Communication and Signaling</i> , 2014, 8, 39-58.	1.8	53
30	Transducing Airway Basal Cells with a Helper-Dependent Adenoviral Vector for Lung Gene Therapy. <i>Human Gene Therapy</i> , 2018, 29, 643-652.	1.4	52
31	Loss of heterozygosity at chromosome 11p15 in Wilms tumors: identification of two independent regions. <i>Oncogene</i> , 1998, 17, 237-240.	2.6	41
32	Distinct Keratin Patterns Demonstrated by Immunoperoxidase Staining of Adenocarcinomas, Carcinoids, and Mesotheliomas Using Polyclonal and Monoclonal Anti-Keratin Antibodies. <i>American Journal of Clinical Pathology</i> , 1986, 86, 566-574.	0.4	37
33	Acetazolamide potentiates the anti-tumor potential of HDACi, MS-275, in neuroblastoma. <i>BMC Cancer</i> , 2017, 17, 156.	1.1	32
34	Cystic Fibrosis Transmembrane Conductance Regulator Modulates Neurosecretory Function in Pulmonary Neuroendocrine Cell-Related Tumor Cell Line Models. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 553-560.	1.4	31
35	Variant translocations of chromosome 22 in Ewing's sarcoma. <i>Genes Chromosomes and Cancer</i> , 1993, 8, 190-194.	1.5	29
36	Coronavirus Activates an Altruistic Stem Cell-Mediated Defense Mechanism that Reactivates Dormant Tuberculosis. <i>American Journal of Pathology</i> , 2021, 191, 1255-1268.	1.9	29

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37	Carbonic Anhydrase II Mediates Malignant Behavior of Pulmonary Neuroendocrine Tumors. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 183-192.	1.4	26
38	Detection of amplified dna sequences in human tumor cell lines by fluorescence in situ hybridization. Genes Chromosomes and Cancer, 1992, 4, 314-320.	1.5	25
39	Chemotherapeutic resistance of head and neck squamous cell carcinoma is mediated by EpCAM induction driven by IL-6/p62 associated Nrf2-antioxidant pathway activation. Cell Death and Disease, 2020, 11, 663.	2.7	25
40	Expression and localization of HGF and met in Wilms' tumours. Journal of Pathology, 2002, 196, 76-84.	2.1	23
41	Pulmonary Neuroendocrine Cell System in Health and Disease. Current Respiratory Medicine Reviews, 2008, 4, 174-186.	0.1	22
42	Antibody-drug conjugate T-DM1 treatment for HER2+ breast cancer induces ROR1 and confers resistance through activation of Hippo transcriptional coactivator YAP1. EBioMedicine, 2019, 43, 211-224.	2.7	22
43	Testing gene therapy vectors in human primary nasal epithelial cultures. Molecular Therapy - Methods and Clinical Development, 2015, 2, 15034.	1.8	21
44	Multilabel immunofluorescence and antigen reprobing on formalin-fixed paraffin-embedded sections: novel applications for precision pathology diagnosis. Modern Pathology, 2016, 29, 557-569.	2.9	17
45	A non-invasive magnetic resonance imaging approach for assessment of real-time microcirculation dynamics. Scientific Reports, 2017, 7, 7468.	1.6	17
46	Widespread expression of Sonic hedgehog (Shh) and Nrf2 in patients treated with cisplatin predicts outcome in resected tumors and are potential therapeutic targets for HPV-negative head and neck cancer. Therapeutic Advances in Medical Oncology, 2020, 12, 175883592091122.	1.4	16
47	Expression and distribution of peripherin protein in human neuroblastoma cell lines. International Journal of Cancer, 1993, 53, 463-470.	2.3	15
48	Aggregates of mutant CFTR fragments in airway epithelial cells of CF lungs: New pathologic observations. Journal of Cystic Fibrosis, 2015, 14, 182-193.	0.3	14
49	The CCN axis in cancer development and progression. Journal of Cell Communication and Signaling, 2021, 15, 491-517.	1.8	14
50	Spatio-Temporal Distribution of Smads and Role of Smads/TGF- $\beta$ 2/BMP-4 in the Regulation of Mouse Bladder Organogenesis. PLoS ONE, 2013, 8, e61340.	1.1	13
51	Next-generation multimodality of nutrigenomic cancer therapy: sulforaphane in combination with acetazolamide actively target bronchial carcinoid cancer in disabling the PI3K/Akt/mTOR survival pathway and inducing apoptosis. Oncotarget, 2021, 12, 1470-1489.	0.8	12
52	The Next-Generation of Combination Cancer Immunotherapy: Epigenetic Immunomodulators Transmogrify Immune Training to Enhance Immunotherapy. Cancers, 2021, 13, 3596.	1.7	12
53	Analysis of WT1 gene expression during mouse nephrogenesis in organ culture. In Vitro Cellular and Developmental Biology - Animal, 1996, 32, 496-504.	0.7	11
54	Hyperplasia and hypertrophy of pulmonary neuroepithelial bodies, presumed airway hypoxia sensors, in hypoxia-inducible factor prolyl hydroxylase-deficient mice. Hypoxia (Auckland, N Z), 2016, 4, 69.	1.9	11

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55	Hypoxia-Targeting Drug Evofosfamide (TH-302) Enhances Sunitinib Activity in Neuroblastoma Xenograft Models. <i>Translational Oncology</i> , 2018, 11, 911-919.	1.7	11
56	Human bronchial carcinoid tumor initiating cells are targeted by the combination of acetazolamide and sulforaphane. <i>BMC Cancer</i> , 2019, 19, 864.	1.1	11
57	The Use of Cytoskeletal Characteristics of Tumor Cells for the Diagnosis of Colon and Breast Adenocarcinomas. <i>American Journal of Clinical Pathology</i> , 1986, 86, 697-705.	0.4	9
58	Selective protection of tubercidin toxicity by nitrobenzyl thioinosine in normal tissues but not in human neuroblastoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 1986, 17, 264-8.	1.1	9
59	Lectin Histochemistry of Wilms's Tumor: Comparison with Normal Adult and Fetal Kidney. <i>American Journal of Clinical Pathology</i> , 1987, 88, 278-285.	0.4	9
60	Genetic bottlenecks and the hazardous game of population reduction in cell line based research. <i>Experimental Cell Research</i> , 2010, 316, 3379-3386.	1.2	9
61	Identification of a novel zinc finger gene, zfp5-3, as a potential mediator of neuroblastoma differentiation. , 1999, 81, 970-978.		8
62	Immunohistochemical Characterization of the Chemosensory Pulmonary Neuroepithelial Bodies in the Naked Mole-Rat Reveals a Unique Adaptive Phenotype. <i>PLoS ONE</i> , 2014, 9, e112623.	1.1	8
63	3D Multicellular Stem-Like Human Breast Tumor Spheroids Enhance Tumorigenicity of Orthotopic Xenografts in Athymic Nude Rat Model. <i>Cancers</i> , 2021, 13, 2784.	1.7	8
64	The Idea and Evidence for the Tumor Stemness Switch. , 2009, , 473-487.		7
65	Increased globotriaosylceramide in familial dysautonomia. <i>Lipids</i> , 1992, 27, 978-983.	0.7	6
66	Preclinical models for pediatric solid tumor drug discovery: current trends, challenges and the scopes for improvement. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 1093-1106.	2.5	4
67	Long-Term Expression of the Human CFTR Gene in Mouse Airway via Helper-Dependent Adenoviral Vector Delivery and Transient Immunosuppression. <i>Human Gene Therapy</i> , 2016, 27, 83-91.	1.4	4
68	A specimen carrier, storage disc system for scanning electron microscopy (SEM): evaluation of stainless steel as a substratum for cell culture in vitro. <i>Journal of Microscopy</i> , 1977, 110, 143-148.	0.8	3
69	Immunohistochemical staining of macrophages in the skin lesions of leprosy: the role of antibody to mycobacteria in human serum and various polyclonal immune rabbit antisera. <i>The Histochemical Journal</i> , 1985, 17, 1009-1020.	0.6	3
70	Generating Mechanically Stable, Pediatric, and Scaffold-Free Nasal Cartilage Constructs In Vitro. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 1077-1084.	1.1	3
71	Report on the 8th international workshop on the CCN family of genes "Nice November 3-8, 2015. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 77-86.	1.8	3
72	Decline in Respiratory Functions in Hospitalized SARS-CoV-2 Infected Cancer Patients Following Cytotoxic Chemotherapy: An Additional Risk for Post-chemotherapy Complications. <i>Frontiers in Medicine</i> , 2022, 9, 835098.	1.2	3

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73	Building a Solid Foundation: CCS in Developing Skeleton and the CCN Family Role. <i>Cell Communication and Signaling</i> , 2003, 1, 2.	2.7	2
74	The evolution of human communication. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 289-290.	1.8	2
75	Bioengineering pediatric scaffold-free auricular cartilaginous constructs. <i>Laryngoscope</i> , 2017, 127, E153-E158.	1.1	2
76	Report on the 9th international workshop on the CCN family of genes, November 26-27, 2017, Saint-Malo, France. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 505-511.	1.8	1
77	Immunohistochemical Localization and Multi-gene Expression Profiling of O2 Sensor Components in Airway Chemoreceptors. <i>FASEB Journal</i> , 2008, 22, 1122.6.	0.2	1
78	Myelination of NEB associated vagal afferents in the newborn rat lung. <i>FASEB Journal</i> , 2009, 23, 621.26.	0.2	1
79	Come together, right now! <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 283-284.	1.8	0
80	It's all in your gut and mind. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 105-107.	1.8	0
81	Reactive Oxygen Species Regulate Spontaneous and Fas-Mediated Apoptosis in SBDS-Deficient Cells. <i>Blood</i> , 2008, 112, 2036-2036.	0.6	0
82	Ventilation of hypoxic gas results in changes in whole nerve vagal recordings in the newborn rat. <i>FASEB Journal</i> , 2009, 23, 621.27.	0.2	0