

# Herman Yeger

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81  
papers

5,019  
citations

32  
h-index

70  
g-index

85  
ext. papers

5,654  
ext. citations

7.4  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
81	Combination therapy in combating cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 38022-38043	3.3	818
80	Decreased levels of the cell-cycle inhibitor p27Kip1 protein: prognostic implications in primary breast cancer. <i>Nature Medicine</i> , <b>1997</b> , 3, 227-30	50.5	732
79	Oxygen sensing in airway chemoreceptors. <i>Nature</i> , <b>1993</b> , 365, 153-5	50.4	398
78	P-glycoprotein expression as a predictor of the outcome of therapy for neuroblastoma. <i>New England Journal of Medicine</i> , <b>1991</b> , 325, 1608-14	59.2	387
77	Glypican-3-deficient mice exhibit developmental overgrowth and some of the abnormalities typical of Simpson-Golabi-Behmel syndrome. <i>Journal of Cell Biology</i> , <b>1999</b> , 146, 255-64	7.3	274
76	Hypoxia enhances tumor stemness by increasing the invasive and tumorigenic side population fraction. <i>Stem Cells</i> , <b>2008</b> , 26, 1818-30	5.8	234
75	Increased Sensitivity of Acute Myeloid Leukemias to Lovastatin-Induced Apoptosis: A Potential Therapeutic Approach. <i>Blood</i> , <b>1999</b> , 93, 1308-1318	2.2	174
74	CD271(+) bone marrow mesenchymal stem cells may provide a niche for dormant Mycobacterium tuberculosis. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 170ra13	17.5	126
73	A hypoxia-driven vascular endothelial growth factor/Flt1 autocrine loop interacts with hypoxia-inducible factor-1alpha through mitogen-activated protein kinase/extracellular signal-regulated kinase 1/2 pathway in neuroblastoma. <i>Cancer Research</i> , <b>2005</b> , 65, 7267-75	10.1	111
72	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> , <b>2009</b> , 174, 1725-34	5.8	93
71	The expression of ccn3(nov) gene in musculoskeletal tumors. <i>American Journal of Pathology</i> , <b>2002</b> , 160, 849-59	5.8	93
70	HMG-CoA reductase mediates the biological effects of retinoic acid on human neuroblastoma cells: lovastatin specifically targets P-glycoprotein-expressing cells. <i>Nature Medicine</i> , <b>1996</b> , 2, 326-33	50.5	92
69	Recent advances and controversies on the role of pulmonary neuroepithelial bodies as airway sensors. <i>Seminars in Cell and Developmental Biology</i> , <b>2013</b> , 24, 40-50	7.5	75
68	Immunohistochemical and electron microscopic assessment of childhood rhabdomyosarcoma. Increased frequency of diagnosis over routine histologic methods. <i>Cancer</i> , <b>1983</b> , 51, 1897-903	6.4	71
67	The role of Sulforaphane in cancer chemoprevention and health benefits: a mini-review. <i>Journal of Cell Communication and Signaling</i> , <b>2018</b> , 12, 91-101	5.2	69
66	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> , <b>2014</b> , 21, 666-78		69
65	The CCN family of genes: a perspective on CCN biology and therapeutic potential. <i>Journal of Cell Communication and Signaling</i> , <b>2007</b> , 1, 159-64	5.2	67

64	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> , <b>1992</b> , 5, 326-34	5	62
63	Squalene selectively protects mouse bone marrow progenitors against cisplatin and carboplatin-induced cytotoxicity in vivo without protecting tumor growth. <i>Neoplasia</i> , <b>2008</b> , 10, 1105-19	6.4	61
62	Epithelial Na(+) channel (ENaC) expression in the developing normal and abnormal human perinatal lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 161, 1322-31	10.2	60
61	Lovastatin-induced apoptosis of human medulloblastoma cell lines in vitro. <i>Journal of Neuro-Oncology</i> , <b>1999</b> , 42, 1-11	4.8	60
60	HIF-2 $\beta$ suppresses p53 to enhance the stemness and regenerative potential of human embryonic stem cells. <i>Stem Cells</i> , <b>2012</b> , 30, 1685-95	5.8	54
59	Expression of the human NOV gene in first trimester fetal tissues. <i>Anatomy and Embryology</i> , <b>2001</b> , 203, 417-27		51
58	A gene expression signature for relapse of primary wilms tumors. <i>Cancer Research</i> , <b>2005</b> , 65, 2592-601	10.1	50
57	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> , <b>1993</b> , 236, 41-52		50
56	Derivation and characterization of a Wilms tumour cell line, WiT 49. <i>International Journal of Cancer</i> , <b>2003</b> , 107, 365-74	7.5	47
55	TGF- $\beta$ 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> , <b>2014</b> , 8, 39-58	5.2	46
54	Combination of carbonic anhydrase inhibitor, acetazolamide, and sulforaphane, reduces the viability and growth of bronchial carcinoid cell lines. <i>BMC Cancer</i> , <b>2013</b> , 13, 378	4.8	42
53	Transducing Airway Basal Cells with a Helper-Dependent Adenoviral Vector for Lung Gene Therapy. <i>Human Gene Therapy</i> , <b>2018</b> , 29, 643-652	4.8	39
52	Loss of heterozygosity at chromosome 11p15 in Wilms tumors: identification of two independent regions. <i>Oncogene</i> , <b>1998</b> , 17, 237-40	9.2	36
51	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> , <b>1986</b> , 86, 566-74	1.9	36
50	CCN family of proteins: critical modulators of the tumor cell microenvironment. <i>Journal of Cell Communication and Signaling</i> , <b>2016</b> , 10, 229-240	5.2	35
49	Variant translocations of chromosome 22 in Ewing's sarcoma. <i>Genes Chromosomes and Cancer</i> , <b>1993</b> , 8, 190-4	5	26
48	Acetazolamide potentiates the anti-tumor potential of HDACi, MS-275, in neuroblastoma. <i>BMC Cancer</i> , <b>2017</b> , 17, 156	4.8	24
47	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> , <b>2002</b> , 27, 553-60	5.7	24

46	Detection of amplified DNA sequences in human tumor cell lines by fluorescence in situ hybridization. <i>Genes Chromosomes and Cancer</i> , <b>1992</b> , 4, 314-20	5	23
45	Carbonic anhydrase II mediates malignant behavior of pulmonary neuroendocrine tumors. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2015</b> , 52, 183-92	5.7	20
44	Expression and localization of HGF and met in Wilms tumours. <i>Journal of Pathology</i> , <b>2002</b> , 196, 76-84	9.4	20
43	Pulmonary Neuroendocrine Cell System in Health and Disease. <i>Current Respiratory Medicine Reviews</i> , <b>2008</b> , 4, 174-186	0.3	19
42	Testing gene therapy vectors in human primary nasal epithelial cultures. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2015</b> , 2, 15034	6.4	18
41	Multilabel immunofluorescence and antigen reprobing on formalin-fixed paraffin-embedded sections: novel applications for precision pathology diagnosis. <i>Modern Pathology</i> , <b>2016</b> , 29, 557-69	9.8	16
40	Expression and distribution of peripherin protein in human neuroblastoma cell lines. <i>International Journal of Cancer</i> , <b>1993</b> , 53, 463-70	7.5	14
39	Antibody-drug conjugate T-DM1 treatment for HER2+ breast cancer induces ROR1 and confers resistance through activation of Hippo transcriptional coactivator YAP1. <i>EBioMedicine</i> , <b>2019</b> , 43, 211-224	8.8	12
38	Spatio-temporal distribution of Smads and role of Smads/TGF- $\beta$ /BMP-4 in the regulation of mouse bladder organogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e61340	3.7	12
37	Aggregates of mutant CFTR fragments in airway epithelial cells of CF lungs: new pathologic observations. <i>Journal of Cystic Fibrosis</i> , <b>2015</b> , 14, 182-93	4.1	10
36	A non-invasive magnetic resonance imaging approach for assessment of real-time microcirculation dynamics. <i>Scientific Reports</i> , <b>2017</b> , 7, 7468	4.9	10
35	Analysis of WT1 gene expression during mouse nephrogenesis in organ culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>1996</b> , 32, 496-504	2.6	10
34	The use of cytoskeletal characteristics of tumor cells for the diagnosis of colon and breast adenocarcinomas. <i>American Journal of Clinical Pathology</i> , <b>1986</b> , 86, 697-705	1.9	9
33	Lectin histochemistry of Wilms tumor. Comparison with normal adult and fetal kidney. <i>American Journal of Clinical Pathology</i> , <b>1987</b> , 88, 278-85	1.9	9
32	Chemotherapeutic resistance of head and neck squamous cell carcinoma is mediated by EpCAM induction driven by IL-6/p62 associated Nrf2-antioxidant pathway activation. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 663	9.8	9
31	Hypoxia-Targeting Drug Evofosfamide (TH-302) Enhances Sunitinib Activity in Neuroblastoma Xenograft Models. <i>Translational Oncology</i> , <b>2018</b> , 11, 911-919	4.9	9
30	Genetic bottlenecks and the hazardous game of population reduction in cell line based research. <i>Experimental Cell Research</i> , <b>2010</b> , 316, 3379-86	4.2	8
29	Identification of a novel zinc finger gene, zf5-3, as a potential mediator of neuroblastoma differentiation. <i>International Journal of Cancer</i> , <b>1999</b> , 81, 970-8	7.5	8

28	The CCN axis in cancer development and progression. <i>Journal of Cell Communication and Signaling</i> , <b>2021</b> , 15, 491-517	5.2	8
27	Human bronchial carcinoid tumor initiating cells are targeted by the combination of acetazolamide and sulforaphane. <i>BMC Cancer</i> , <b>2019</b> , 19, 864	4.8	7
26	Immunohistochemical characterization of the chemosensory pulmonary neuroepithelial bodies in the naked mole-rat reveals a unique adaptive phenotype. <i>PLoS ONE</i> , <b>2014</b> , 9, e112623	3.7	7
25	Selective protection of tubercidin toxicity by nitrobenzyl thioinosine in normal tissues but not in human neuroblastoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , <b>1986</b> , 17, 264-8	3.5	7
24	Coronavirus activates a stem cell-mediated defense mechanism that reactivates dormant tuberculosis: implications in COVID-19 pandemic		7
23	Hyperplasia and hypertrophy of pulmonary neuroepithelial bodies, presumed airway hypoxia sensors, in hypoxia-inducible factor prolyl hydroxylase-deficient mice. <i>Hypoxia (Auckland, N Z)</i> , <b>2016</b> , 4, 69-80	2.1	7
22	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. <i>Oncotarget</i> , <b>2021</b> , 12, 1470-1489	3.3	6
21	Increased globotriaosylceramide in familial dysautonomia. <i>Lipids</i> , <b>1992</b> , 27, 978-83	1.6	5
20	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. <i>Therapeutic Advances in Medical Oncology</i> , <b>2020</b> , 12, 1758835920911229	5.4	4
19	Preclinical models for pediatric solid tumor drug discovery: current trends, challenges and the scopes for improvement. <i>Expert Opinion on Drug Discovery</i> , <b>2012</b> , 7, 1093-106	6.2	4
18	The Idea and Evidence for the Tumor Stemness Switch <b>2009</b> , 473-487		4
17	Generating Mechanically Stable, Pediatric, and Scaffold-Free Nasal Cartilage Constructs In Vitro. <i>Tissue Engineering - Part C: Methods</i> , <b>2016</b> , 22, 1077-1084	2.9	3
16	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> , <b>1977</b> , 110, 143-8	1.9	3
15	3D Multicellular Stem-Like Human Breast Tumor Spheroids Enhance Tumorigenicity of Orthotopic Xenografts in Athymic Nude Rat Model. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
14	Coronavirus Activates an Altruistic Stem Cell-Mediated Defense Mechanism that Reactivates Dormant Tuberculosis: Implications in Coronavirus Disease 2019 Pandemic. <i>American Journal of Pathology</i> , <b>2021</b> , 191, 1255-1268	5.8	3
13	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> , <b>2016</b> , 27, 83-91	4.8	3
12	Bioengineering pediatric scaffold-free auricular cartilaginous constructs. <i>Laryngoscope</i> , <b>2017</b> , 127, E153-E158	5.6	2
11	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> , <b>1985</b> , 17, 1009-20		2

10	The evolution of human communication. <i>Journal of Cell Communication and Signaling</i> , <b>2015</b> , 9, 289-90	5.2	1
9	Immunohistochemical Localization and Multi-gene Expression Profiling of O2 Sensor Components in Airway Chemoreceptors. <i>FASEB Journal</i> , <b>2008</b> , 22, 1122.6	0.9	1
8	Myelination of NEB associated vagal afferents in the newborn rat lung. <i>FASEB Journal</i> , <b>2009</b> , 23, 621.26	0.9	1
7	Report on the 9th international workshop on the CCN family of genes, November 2-7, 2017, Saint-Malo, France. <i>Journal of Cell Communication and Signaling</i> , <b>2018</b> , 12, 505-511	5.2	1
6	The Next-Generation of Combination Cancer Immunotherapy: Epigenetic Immunomodulators Transmogrify Immune Training to Enhance Immunotherapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
5	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> , <b>2022</b> , 9, 835098	4.9	0
4	Come together, right now <i>Journal of Cell Communication and Signaling</i> , <b>2015</b> , 9, 283-4	5.2	
3	It's all in your gut and mind. <i>Journal of Cell Communication and Signaling</i> , <b>2015</b> , 9, 105-7	5.2	
2	Reactive Oxygen Species Regulate Spontaneous and Fas-Mediated Apoptosis in SBDS-Deficient Cells.. <i>Blood</i> , <b>2008</b> , 112, 2036-2036	2.2	
1	Ventilation of hypoxic gas results in changes in whole nerve vagal recordings in the newborn rat. <i>FASEB Journal</i> , <b>2009</b> , 23, 621.27	0.9	