

Ofer Reizes

List of Publications by Year in descending order

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80
papers

5,587
citations

201385

27
h-index

91712

69
g-index

93
all docs

93
docs citations

93
times ranked

7003
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions of Cell Surface Heparan Sulfate Proteoglycans. <i>Annual Review of Biochemistry</i> , 1999, 68, 729-777.	5.0	2,490
2	Targeting Cancer Stemness in the Clinic: From Hype to Hope. <i>Cell Stem Cell</i> , 2019, 24, 25-40.	5.2	362
3	Cell Surface Heparan Sulfate Proteoglycans: Selective Regulators of Ligand-Receptor Encounters. <i>Journal of Biological Chemistry</i> , 2000, 275, 29923-29926.	1.6	324
4	Transgenic Expression of Syndecan-1 Uncovers a Physiological Control of Feeding Behavior by Syndecan-3. <i>Cell</i> , 2001, 106, 105-116.	13.5	204
5	Glioblastoma Cancer Stem Cells Evade Innate Immune Suppression of Self-Renewal through Reduced TLR4 Expression. <i>Cell Stem Cell</i> , 2017, 20, 450-461.e4.	5.2	147
6	Peripheral, but Not Central, CB1 Antagonism Provides Food Intake-Independent Metabolic Benefits in Diet-Induced Obese Rats. <i>Diabetes</i> , 2008, 57, 2977-2991.	0.3	145
7	Leptin deficiency suppresses MMTV-Wnt-1 mammary tumor growth in obese mice and abrogates tumor initiating cell survival. <i>Endocrine-Related Cancer</i> , 2011, 18, 491-503.	1.6	106
8	Myosin II isoform switching mediates invasiveness after TGF- β -induced epithelial-mesenchymal transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17991-17996.	3.3	98
9	Inhibition by the Soluble Syndecan-1 Ectodomains Delays Wound Repair in Mice Overexpressing Syndecan-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 41928-41935.	1.6	93
10	Leptin receptor maintains cancer stem-like properties in triple negative breast cancer cells. <i>Endocrine-Related Cancer</i> , 2013, 20, 797-808.	1.6	87
11	Mice lacking the syndecan-3 gene are resistant to diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2004, 114, 1354-1360.	3.9	84
12	RBP4-STRA6 Pathway Drives Cancer Stem Cell Maintenance and Mediates High-Fat Diet-Induced Colon Carcinogenesis. <i>Stem Cell Reports</i> , 2017, 9, 438-450.	2.3	78
13	Development of a Fluorescent Reporter System to Delineate Cancer Stem Cells in Triple-Negative Breast Cancer. <i>Stem Cells</i> , 2015, 33, 2114-2125.	1.4	72
14	CD55 regulates self-renewal and cisplatin resistance in endometrioid tumors. <i>Journal of Experimental Medicine</i> , 2017, 214, 2715-2732.	4.2	67
15	Design and synthesis of substituted quinolines as novel and selective melanin concentrating hormone antagonists as anti-obesity agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5207-5211.	1.0	63
16	Constitutive and Accelerated Shedding of Murine Syndecan-1 Is Mediated by Cleavage of Its Core Protein at a Specific Juxtamembrane Site. <i>Biochemistry</i> , 2005, 44, 12355-12361.	1.2	61
17	Cancer Connectors: Connexins, Gap Junctions, and Communication. <i>Frontiers in Oncology</i> , 2018, 8, 646.	1.3	61
18	Cx26 drives self-renewal in triple-negative breast cancer via interaction with NANOG and focal adhesion kinase. <i>Nature Communications</i> , 2018, 9, 578.	5.8	60

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19	Cisplatin induces stemness in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 30511-30522.	0.8	58
20	Syndecan-3 Modulates Food Intake by Interacting with the Melanocortin/AgRP Pathway. <i>Annals of the New York Academy of Sciences</i> , 2003, 994, 66-73.	1.8	55
21	Differential expression of proteoglycans at central and peripheral nodes of Ranvier. <i>Glia</i> , 2005, 52, 301-308.	2.5	54
22	A Systems Pharmacology Approach Uncovers Wogonoside as an Angiogenesis Inhibitor of Triple-Negative Breast Cancer by Targeting Hedgehog Signaling. <i>Cell Chemical Biology</i> , 2019, 26, 1143-1158.e6.	2.5	53
23	Diet-induced Obese Mice Are Leptin Insufficient After Weight Reduction. <i>Obesity</i> , 2009, 17, 1702-1709.	1.5	44
24	Leptin Regulation of Cancer Stem Cells in Breast and Gynecologic Cancer. <i>Endocrinology</i> , 2018, 159, 3069-3080.	1.4	42
25	STAT3 activation by leptin receptor is essential for TNBC stem cell maintenance. <i>Endocrine-Related Cancer</i> , 2017, 24, 415-426.	1.6	36
26	Syndecan-3 is selectively pro-inflammatory in the joint and contributes to antigen-induced arthritis in mice. <i>Arthritis Research and Therapy</i> , 2014, 16, R148.	1.6	34
27	Severe consequences of a high-lipid diet include hydrogen sulfide dysfunction and enhanced aggression in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	34
28	Unlocking the secrets of syndecans: Transgenic organisms as a potential key. <i>Glycoconjugate Journal</i> , 2002, 19, 295-304.	1.4	32
29	Insulin Promotes Shedding of Syndecan Ectodomains from 3T3-L1 Adipocytes: A Proposed Mechanism for Stabilization of Extracellular Lipoprotein Lipase. <i>Biochemistry</i> , 2006, 45, 5703-5711.	1.2	27
30	The role of syndecans in the regulation of body weight and synaptic plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 28-45.	1.2	27
31	The Microbiome and Gynecologic Cancer: Current Evidence and Future Opportunities. <i>Current Oncology Reports</i> , 2021, 23, 92.	1.8	27
32	The Effect of the Melanocortin Agonist, MT-II, on the Defended Level of Body Adiposity. <i>Endocrinology</i> , 2005, 146, 3732-3738.	1.4	26
33	A role for syndecan-3 in the melanocortin regulation of energy balance. <i>Peptides</i> , 2006, 27, 274-280.	1.2	22
34	Thy-1 predicts poor prognosis and is associated with self-renewal in ovarian cancer. <i>Journal of Ovarian Research</i> , 2019, 12, 112.	1.3	22
35	Leptin regulates cyclin D1 in luminal epithelial cells of mouse MMTV-Wnt-1 mammary tumors. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 1607-1612.	1.2	21
36	Nudix Hydrolase NUDT16 Regulates 53BP1 Protein by Reversing 53BP1 ADP-Ribosylation. <i>Cancer Research</i> , 2022, 80, 999-1010.	0.4	21

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37	Increased cancer stem cell invasion is mediated by myosin IIB and nuclear translocation. <i>Oncotarget</i> , 2016, 7, 47586-47592.	0.8	21
38	Phosphorylation of the histone demethylase KDM5B and regulation of the phenotype of triple negative breast cancer. <i>Scientific Reports</i> , 2019, 9, 17663.	1.6	20
39	Aminomethyl tetrahydronaphthalene biphenyl carboxamide MCH-R1 antagonistsâ€™Increasing selectivity over hERG. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 814-818.	1.0	19
40	Enhanced anorexigenic signaling in lean obesity resistant syndecan-3 null mice. <i>Neuroscience</i> , 2010, 171, 1032-1040.	1.1	19
41	Connexins in Cancer: Jekyll or Hyde?. <i>Biomolecules</i> , 2020, 10, 1654.	1.8	19
42	Impact of antibiotic treatment on immunotherapy response in women with recurrent gynecologic cancer. <i>Gynecologic Oncology</i> , 2021, 161, 211-220.	0.6	18
43	Small-Molecule Melanin-Concentrating Hormone-1 Receptor Antagonists Require Brain Penetration for Inhibition of Food Intake and Reduction in Body Weight. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 206-213.	1.3	16
44	Signaling within the epithelial ovarian cancer tumor microenvironment: the challenge of tumor heterogeneity. <i>Annals of Translational Medicine</i> , 2020, 8, 905-905.	0.7	15
45	Impact of antibiotic treatment during platinum chemotherapy on survival and recurrence in women with advanced epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2020, 159, 699-705.	0.6	15
46	D-myo-inositol (1,4)-bisphosphate 1-phosphatase. Partial purification from rat liver and characterization. <i>Biochemical and Biophysical Research Communications</i> , 1987, 146, 1018-1026.	1.0	14
47	CK2 kinase-mediated PHF8 phosphorylation controls TopBP1 stability to regulate DNA replication. <i>Nucleic Acids Research</i> , 2020, 48, 10940-10952.	6.5	14
48	Inflammation-induced functional connectivity of melanin-concentrating hormone and IL-10. <i>Peptides</i> , 2014, 55, 58-64.	1.2	13
49	Healthcare Commercialization Programs: Improving the Efficiency of Translating Healthcare Innovations From Academia Into Practice. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2016, 4, 1-7.	2.2	13
50	Five-Part Pentameric Nanocomplex Shows Improved Efficacy of Doxorubicin in CD44+ Cancer Cells. <i>ACS Omega</i> , 2017, 2, 7702-7713.	1.6	12
51	Identification of substituted 4-aminopiperidines and 3-aminopyrrolidines as potent MCH-R1 antagonists for the treatment of obesity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5445-5450.	1.0	9
52	Reporter Systems to Study Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1516, 319-333.	0.4	9
53	Induction of HEXIM1 activities by HMBA derivative 4a1: Functional consequences and mechanism. <i>Cancer Letters</i> , 2016, 379, 60-69.	3.2	9
54	The Effects of the Melanocortin Agonist (MT-II) on Subcutaneous and Visceral Adipose Tissue in Rodents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 1153-1161.	1.3	8

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55	The efficacy and cardiac evaluation of aminomethyl tetrahydronaphthalene ketopiperazines: A novel class of potent MCH-R1 antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2092-2105.	1.4	8
56	Aminomethyl tetrahydronaphthalene ketopiperazine MCH-R1 antagonistsâ€”Increasing selectivity over hERG. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 819-822.	1.0	8
57	Inhibition of inosine monophosphate dehydrogenase reduces adipogenesis and diet-induced obesity. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 351-355.	1.0	8
58	Use of Transabdominal Ultrasound for the detection of intra-peritoneal tumor engraftment and growth in mouse xenografts of epithelial ovarian cancer. <i>PLoS ONE</i> , 2020, 15, e0228511.	1.1	8
59	Pretreatment with LCK inhibitors chemosensitizes cisplatinâ€™resistant endometrioid ovarian tumors. <i>Journal of Ovarian Research</i> , 2021, 14, 55.	1.3	8
60	Cisplatin to induce cancer stem cell state in ovarian cancer.. <i>Journal of Clinical Oncology</i> , 2016, 34, e17098-e17098.	0.8	8
61	Novel pyrazolopiperazinone- and pyrrolpiperazinone-based MCH-R1 antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 657-661.	1.0	7
62	Adipocytes, Adipocytokines, and Cancer. <i>Energy Balance and Cancer</i> , 2017, , 1-19.	0.2	6
63	Therapeutic strategies to induce ER β in luminal breast cancer to enhance tamoxifen efficacy. <i>Endocrine-Related Cancer</i> , 2019, 26, 689-698.	1.6	5
64	New Programs for Translating Research to Patient Care: Lessons Learned at the NIH Center for Accelerated Innovations at Cleveland Clinic. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 1-16.	0.3	3
65	NIH Centers for Accelerated Innovations Program: principles, practices, successes and challenges. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 663-664.	21.5	2
66	Mouse Models to Study Leptin in Breast Cancer Stem Cells. <i>Energy Balance and Cancer</i> , 2015, , 127-151.	0.2	2
67	Obesity, Adipokines, and Gynecologic Cancer. <i>Energy Balance and Cancer</i> , 2018, , 73-102.	0.2	1
68	A Syngeneic Murine Model of Endometriosis using Naturally Cycling Mice. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
69	Leptin Signaling In the Brain. , 2007, , 23-43.		0
70	Colitis Development in IL-10 Deficient Mice Reveals a Direct Role of MCH in Regulating IL-10 Expression by Monocytes. <i>Gastroenterology</i> , 2011, 140, S-518.	0.6	0
71	Prostaglandin E2 activates complement protein CD55 to enhance cell adhesion inâ€™endometriosis. <i>Fertility and Sterility</i> , 2019, 112, e327.	0.5	0
72	A NOVEL LOW-DOSE COMBINATION DRUG THERAPY FOR ENDOMETRIOSIS THAT INCREASES PROGESTERONE RECEPTOR TO ENHANCE PROGESTIN EFFICACY. <i>Fertility and Sterility</i> , 2020, 114, e205-e206.	0.5	0

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73	Abstract 1719: Leptin, an obesity-related adipocytokine, promotes accelerated growth of Wnt-1 mammary tumors and modulates basal-like and luminal tumor markers. , 2010, , .		0
74	Abstract 3327: Leptin receptors are expressed in breast cancer stem cells and leptin promotes their self-renewal and survival in mice. , 2011, , .		0
75	Abstract P2-06-01: Development of a fluorescent reporter system to delineate self-renewing cells in triple negative breast cancer. , 2015, , .		0
76	Abstract 2450: Methyl CpG Binding Protein 2 suppresses Myc targeting miRNAs to promote context dependent tumor proliferation. , 2020, , .		0
77	Title is missing!. , 2020, 15, e0228511.		0
78	Title is missing!. , 2020, 15, e0228511.		0
79	Title is missing!. , 2020, 15, e0228511.		0
80	Title is missing!. , 2020, 15, e0228511.		0