Johan V Swinnen

List of Publications by Year
in descending order

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190 papers	15,164 citations	18482 62 h-index	20358 116 g-index
201 all docs	201 docs citations	201 times ranked	19219 citing authors

#	Article	IF	Citations
1	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. Nature Methods, 2017, 14, 228-232.	19.0	886
2	A Sertoli cell-selective knockout of the androgen receptor causes spermatogenic arrest in meiosis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1327-1332.	7.1	703
3	De novo Lipogenesis Protects Cancer Cells from Free Radicals and Chemotherapeutics by Promoting Membrane Lipid Saturation. Cancer Research, 2010, 70, 8117-8126.	0.9	557
4	Increased lipogenesis in cancer cells: new players, novel targets. Current Opinion in Clinical Nutrition and Metabolic Care, 2006, 9, 358-365.	2.5	523
5	ATP-Citrate Lyase: A Key Player in Cancer Metabolism. Cancer Research, 2012, 72, 3709-3714.	0.9	389
6	Lipogenesis and lipolysis: The pathways exploited by the cancer cells to acquire fatty acids. Progress in Lipid Research, 2013, 52, 585-589.	11.6	389
7	Induction of Cancer Cell Apoptosis by Flavonoids Is Associated with Their Ability to Inhibit Fatty Acid Synthase Activity. Journal of Biological Chemistry, 2005, 280, 5636-5645.	3.4	370
8	Evidence for an alternative fatty acid desaturation pathway increasing cancer plasticity. Nature, 2019, 566, 403-406.	27.8	326
9	Overexpression of fatty acid synthase is an early and common event in the development of prostate cancer. International Journal of Cancer, 2002, 98, 19-22.	5.1	320
10	Lipids and cancer: Emerging roles in pathogenesis, diagnosis and therapeutic intervention. Advanced Drug Delivery Reviews, 2020, 159, 245-293.	13.7	316
11	Chemical Inhibition of Acetyl-CoA Carboxylase Induces Growth Arrest and Cytotoxicity Selectively in Cancer Cells. Cancer Research, 2007, 67, 8180-8187.	0.9	276
12	Contribution of Circulating Lipids to the Improved Outcome of Critical Illness by Glycemic Control with Intensive Insulin Therapy. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 219-226.	3.6	264
13	RNA Interferenceâ€“Mediated Silencing of the Acetyl-CoA-Carboxylase-Î± Gene Induces Growth Inhibition and Apoptosis of Prostate Cancer Cells. Cancer Research, 2005, 65, 6719-6725.	0.9	258
14	Coordinate regulation of lipogenic gene expression by androgens: Evidence for a cascade mechanism involving sterol regulatory element binding proteins. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 12975-12980.	7.1	229
15	Fatty acid synthase drives the synthesis of phospholipids partitioning into detergent-resistant membrane microdomains. Biochemical and Biophysical Research Communications, 2003, 302, 898-903.	2.1	227
16	Lipoprotein Lipase Links Dietary Fat to Solid Tumor Cell Proliferation. Molecular Cancer Therapeutics, 2011, 10, 427-436.	4.1	226
17	Lipid metabolism in cancer cells under metabolic stress. British Journal of Cancer, 2019, 120, 1090-1098.	6.4	212
18	RNA interference-mediated silencing of the fatty acid synthase gene attenuates growth and induces morphological changes and apoptosis of LNCaP prostate cancer cells. Cancer Research, 2003, 63, 3799-804.	0.9	210

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19	Selective activation of the fatty acid synthesis pathway in human prostate cancer. International Journal of Cancer, 2000, 88, 176-179.	5.1	207
20	Lipid metabolism in cancer: New perspectives and emerging mechanisms. Developmental Cell, 2021, 56, 1363-1393.	7.0	207
21	ATP13A2 deficiency disrupts lysosomal polyamine export. Nature, 2020, 578, 419-424.	27.8	193
22	Epigallocatechin-3-gallate is a potent natural inhibitor of fatty acid synthase in intact cells and selectively induces apoptosis in prostate cancer cells. International Journal of Cancer, 2003, 106, 856-862.	5.1	188
23	CRISP-ID: decoding CRISPR mediated indels by Sanger sequencing. Scientific Reports, 2016, 6, 28973.	3.3	180
24	Relative Impact of Androgen and Estrogen Receptor Activation in the Effects of Androgens on Trabecular and Cortical Bone in Growing Male Mice: A Study in the Androgen Receptor Knockout Mouse Model. Journal of Bone and Mineral Research, 2006, 21, 576-585.	2.8	163
25	Stimulation of tumor-associated fatty acid synthase expression by growth factor activation of the sterol regulatory element-binding protein pathway. Oncogene, 2000, 19, 5173-5181.	5.9	161
26	Hormonal Regulation of Cyclic Nucleotide Phosphodiesterases*. Endocrine Reviews, 1991, 12, 218-234.	20.1	156
27	Role of the phosphatidylinositol 3'-kinase/PTEN/Akt kinase pathway in the overexpression of fatty acid synthase in LNCaP prostate cancer cells. Cancer Research, 2002, 62, 642-6.	0.9	155
28	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. Cell Metabolism, 2018, 28, 866-880.e15.	16.2	154
29	Loss of Chromosome 8p Governs Tumor Progression and Drug Response by Altering Lipid Metabolism. Cancer Cell, 2016, 29, 751-766.	16.8	145
30	Nonâ€small cell lung cancer is characterized by dramatic changes in phospholipid profiles. International Journal of Cancer, 2015, 137, 1539-1548.	5.1	143
31	Androgens, lipogenesis and prostate cancer. Journal of Steroid Biochemistry and Molecular Biology, 2004, 92, 273-279.	2.5	141
32	Androgens Stimulate Lipogenic Gene Expression in Prostate Cancer Cells by Activation of the Sterol Regulatory Element-Binding Protein Cleavage Activating Protein/Sterol Regulatory Element-Binding Protein Pathway. Molecular Endocrinology, 2001, 15, 1817-1828.	3.7	140
33	Lipid availability determines fate of skeletal progenitor cells via SOX9. Nature, 2020, 579, 111-117.	27.8	140
34	The Effect of a Sertoli Cell-Selective Knockout of the Androgen Receptor on Testicular Gene Expression in Prepubertal Mice. Molecular Endocrinology, 2006, 20, 321-334.	3.7	130
35	Prognostic relevance of molecular subtypes and master regulators in pancreatic ductal adenocarcinoma. BMC Cancer, 2016, 16, 632.	2.6	130
36	High-level expression of fatty acid synthase in human prostate cancer tissues is linked to activation and nuclear localization of Akt/PKB. Journal of Pathology, 2005, 206, 214-219.	4.5	127

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37	Nontariff Measures and Standards in Trade and Global Value Chains. Annual Review of Resource Economics, 2015, 7, 425-450.	3.7	126
38	Mimicry of a Cellular Low Energy Status Blocks Tumor Cell Anabolism and Suppresses the Malignant Phenotype. Cancer Research, 2005, 65, 2441-2448.	0.9	124
39	Mixed Messages on Prices and Food Security. Science, 2012, 335, 405-406.	12.6	124
40	Selective Ablation of the Androgen Receptor in Mouse Sertoli Cells Affects Sertoli Cell Maturation, Barrier Formation and Cytoskeletal Development. PLoS ONE, 2010, 5, e14168.	2.5	119
41	Androgens and spermatogenesis: lessons from transgenic mouse models. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1537-1556.	4.0	119
42	Androgen Activation of the Sterol Regulatory Element-Binding Protein Pathway: Current Insights. Molecular Endocrinology, 2006, 20, 2265-2277.	3.7	110
43	Human DECR1 is an androgen-repressed survival factor that regulates PUFA oxidation to protect prostate tumor cells from ferroptosis. ELife, 2020, 9, .	6.0	104
44	Interaction of the Putative Androgen Receptor-Specific Coactivator ARA70/ELE1Î± with Multiple Steroid Receptors and Identification of an Internally Deleted ELE1Î² Isoform. Molecular Endocrinology, 1999, 13, 117-128.	3.7	101
45	Loss of androgen receptor binding to selective androgen response elements causes a reproductive phenotype in a knockin mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4961-4966.	7.1	97
46	The generation and use of recombinant extracellular vesicles as biological reference material. Nature Communications, 2019, 10, 3288.	12.8	96
47	Androgen control of lipid metabolism in prostate cancer: novel insights and future applications. Endocrine-Related Cancer, 2016, 23, R219-R227.	3.1	95
48	Squalene Synthase, a Determinant of Raft-associated Cholesterol and Modulator of Cancer Cell Proliferation. Journal of Biological Chemistry, 2007, 282, 18777-18785.	3.4	93
49	ATP Citrate Lyase Knockdown Induces Growth Arrest and Apoptosis through Different Cell- and Environment-Dependent Mechanisms. Molecular Cancer Therapeutics, 2012, 11, 1925-1935.	4.1	93
50	Economics and politics of food standards, trade, and development#. Agricultural Economics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	93
51	A novel approach to analyze lysosomal dysfunctions through subcellular proteomics and lipidomics: the case of NPC1 deficiency. Scientific Reports, 2017, 7, 41408.	3.3	93
52	Sustained SREBP-1-dependent lipogenesis as a key mediator of resistance to BRAF-targeted therapy. Nature Communications, 2018, 9, 2500.	12.8	92
53	Cancer Cells Differentially Activate and Thrive on De Novo Lipid Synthesis Pathways in a Low-Lipid Environment. PLoS ONE, 2014, 9, e106913.	2.5	92
54	LNCaP prostatic adenocarcinoma cells derived from low and high passage numbers display divergent responses not only to androgens but also to retinoids. Journal of Steroid Biochemistry and Molecular Biology, 1997, 62, 391-399.	2.5	87

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55	Control of LNCaP proliferation and differentiation: Actions and interactions of androgens, I?,25-dihydroxycholecalciferol,all-trans retinoic acid, 9-cis retinoic acid, and phenylacetate. , 1996, 28, 182-194.		86
56	The differentiation-related gene 1, Drg1 , is markedly upregulated by androgens in LNCaP prostatic adenocarcinoma cells. FEBS Letters, 1999, 455, 23-26.	2.8	83
57	Testosterone Prevents Orchidectomy-Induced Bone Loss in Estrogen Receptor-Î± Knockout Mice. Biochemical and Biophysical Research Communications, 2001, 285, 70-76.	2.1	75
58	Androgens and the control of lipid metabolism in human prostate cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 1998, 65, 191-198.	2.5	72
59	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. Journal of Experimental Medicine, 2020, 217, .	8.5	72
60	Mammalian models of chemically induced primary malignancies exploitable for imaging-based preclinical theragnostic research. Quantitative Imaging in Medicine and Surgery, 2015, 5, 708-29.	2.0	67
61	Identification of drugs that restore primary cilium expression in cancer cells. Oncotarget, 2016, 7, 9975-9992.	1.8	66
62	Androgens stimulate coordinated lipogenic gene expression in normal target tissues in vivo. Molecular and Cellular Endocrinology, 2003, 205, 21-31.	3.2	65
63	Interaction of the Putative Androgen Receptor-Specific Coactivator ARA70/ELE1Â with Multiple Steroid Receptors and Identification of an Internally Deleted ELE1Â Isoform. Molecular Endocrinology, 1999, 13, 117-128.	3.7	65
64	Role of the Androgen Receptor in Skeletal Homeostasis: The Androgen-Resistant Testicular Feminized Male Mouse Model. Journal of Bone and Mineral Research, 2004, 19, 1462-1470.	2.8	64
65	Early effects of Sertoli cellâ€selective androgen receptor ablation on testicular gene expression. Journal of Developmental and Physical Disabilities, 2010, 33, 507-517.	3.6	64
66	Lipid degradation promotes prostate cancer cell survival. Oncotarget, 2017, 8, 38264-38275.	1.8	64
67	Therapy-induced lipid uptake and remodeling underpin ferroptosis hypersensitivity in prostate cancer. Cancer & Metabolism, 2020, 8, 11.	5.0	63
68	A Possible Role for MicroRNA-141 Down-Regulation in Sunitinib Resistant Metastatic Clear Cell Renal Cell Carcinoma Through Induction of Epithelial-to-Mesenchymal Transition and Hypoxia Resistance. Journal of Urology, 2013, 189, 1930-1938.	0.4	61
69	Saturated fatty acids induce NLRP3 activation in human macrophages through K+ efflux resulting from phospholipid saturation and Na, K-ATPase disruption. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1017-1030.	2.4	61
70	Characterization of a hormone-inducible, high affinity adenosine 3',5'-cyclic monophosphate phosphodiesterase from the rat Sertoli cell. Biochemistry, 1995, 34, 7979-7987.	2.5	59
71	Identification of an Androgen Response Element in Intron 8 of the Sterol Regulatory Element-binding Protein Cleavage-activating Protein Gene Allowing Direct Regulation by the Androgen Receptor. Journal of Biological Chemistry, 2004, 279, 30880-30887.	3.4	58
72	Media Coverage, Public Perceptions, and Consumer Behavior: Insights from New Food Technologies. Annual Review of Resource Economics, 2016, 8, 467-486.	3.7	58

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73	Phospholipid profiling identifies acyl chain elongation as a ubiquitous trait and potential target for the treatment of lung squamous cell carcinoma. Oncotarget, 2016, 7, 12582-12597.	1.8	58
74	Identification of Diazepam-binding Inhibitor/Acyl-CoA-binding Protein as a Sterol Regulatory Element-binding Protein-responsive Gene. Journal of Biological Chemistry, 1998, 273, 19938-19944.	3.4	57
75	Subsidies and agricultural productivity in the EU. Agricultural Economics (United Kingdom), 2019, 50, 803-817.	3.9	57
76	E2F Activity Is Biphasically Regulated by Androgens in LNCaP Cells. Biochemical and Biophysical Research Communications, 2001, 283, 97-101.	2.1	53
77	A Review on Curability of Cancers: More Efforts for Novel Therapeutic Options Are Needed. Cancers, 2019, 11, 1782.	3.7	53
78	Androgen regulation of the messenger RNA encoding diazepam-binding inhibitor/acyl-CoA-binding protein in the human prostatic adenocarcinoma cell line LNCaP. Molecular and Cellular Endocrinology, 1994, 104, 153-162.	3.2	50
79	Methotrexate enhances the antianabolic and antiproliferative effects of 5-aminoimidazole-4-carboxamide riboside. Molecular Cancer Therapeutics, 2006, 5, 2211-2217.	4.1	50
80	Concurrent MEK and autophagy inhibition is required to restore cell death associated danger-signalling in Vemurafenib-resistant melanoma cells. Biochemical Pharmacology, 2015, 93, 290-304.	4.4	49
81	Identification of the Phosphatidic Acid Phosphatase Type 2a Isozyme as an Androgen-regulated Gene in the Human Prostatic Adenocarcinoma Cell Line LNCaP. Journal of Biological Chemistry, 1998, 273, 4660-4665.	3.4	48
82	ATP13A3 is a major component of the enigmatic mammalian polyamine transport system. Journal of Biological Chemistry, 2021, 296, 100182.	3.4	48
83	Androgens Stimulate Lipogenic Gene Expression in Prostate Cancer Cells by Activation of the Sterol Regulatory Element-Binding Protein Cleavage Activating Protein/Sterol Regulatory Element-Binding Protein Pathway. Molecular Endocrinology, 2001, 15, 1817-1828.	3.7	48
84	Expression of Tubb3, a Beta-Tubulin Isotype, Is Regulated by Androgens in Mouse and Rat Sertoli Cells1. Biology of Reproduction, 2011, 85, 934-945.	2.7	47
85	Androgens markedly stimulate the accumulation of neutral lipids in the human prostatic adenocarcinoma cell line LNCaP. Endocrinology, 1996, 137, 4468-4474.	2.8	46
86	Does Contracting Make Farmers Happy? Evidence from <scp>S</scp>enegal. Review of Income and Wealth, 2013, 59, S138.	2.4	45
87	ELOVL5 Is a Critical and Targetable Fatty Acid Elongase in Prostate Cancer. Cancer Research, 2021, 81, 1704-1718.	0.9	44
88	Lipase-based quantitation of triacylglycerols in cellular lipid extracts: Requirement for presence of detergent and prior separation by thin-layer chromatography. Lipids, 1997, 32, 1297-1300.	1.7	43
89	Fat Induces Glucose Metabolism in Nontransformed Liver Cells and Promotes Liver Tumorigenesis. Cancer Research, 2021, 81, 1988-2001.	0.9	43
90	Lipidomic Profiling of Clinical Prostate Cancer Reveals Targetable Alterations in Membrane Lipid Composition. Cancer Research, 2021, 81, 4981-4993.	0.9	43

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91	Global Alcohol Markets: Evolving Consumption Patterns, Regulations, and Industrial Organizations. Annual Review of Resource Economics, 2018, 10, 105-132.	3.7	42
92	Gelatinase A secretion and its control in peritubular and Sertoli cell cultures: effects of hormones, second messengers and inducers of cytokine production. Molecular and Cellular Endocrinology, 1996, 118, 37-46.	3.2	41
93	p53 attenuates AKT signaling by modulating membrane phospholipid composition. Oncotarget, 2015, 6, 21240-21254.	1.8	41
94	Molecular imaging of prostate cancer. Methods, 2009, 48, 193-199.	3.8	39
95	Androgen Regulation of Lipogenesis. Advances in Experimental Medicine and Biology, 2002, 506, 379-387.	1.6	39
96	Endocytosis of very low-density lipoproteins: an unexpected mechanism for lipid acquisition by breast cancer cells. Journal of Lipid Research, 2020, 61, 205-218.	4.2	38
97	BNIP3 promotes HIFâ€1Îâ€driven melanoma growth by curbing intracellular iron homeostasis. EMBO Journal, 2021, 40, e106214.	7.8	38
98	A Human Gene Encoding Diazepam-Binding Inhibitor/Acyl-CoA-Binding Protein: Transcription and Hormonal Regulation in the Androgen-Sensitive Human Prostatic Adenocarcinoma Cell Line LNCaP. DNA and Cell Biology, 1996, 15, 197-208.	1.9	37
99	Androgens decrease and retinoids increase the expression of insulin-like growth factor-binding protein-3 in LNCaP prostatic adenocarcinoma cells. Molecular and Cellular Endocrinology, 1999, 155, 9-18.	3.2	37
100	A novel strategy for the comprehensive analysis of the biomolecular composition of isolated plasma membranes. Molecular Systems Biology, 2011, 7, 541.	7.2	37
101	The Impact of the 2013 Reform of the Common Agricultural Policy on Land Capitalization in the European Union. Applied Economic Perspectives and Policy, 2014, 36, 643-673.	5.6	36
102	The Transfer of Sphingomyelinase Contributes to Drug Resistance in Multiple Myeloma. Cancers, 2019, 11, 1823.	3.7	36
103	Indirect mechanisms and cascades of androgen action. Molecular and Cellular Endocrinology, 1999, 151, 205-212.	3.2	35
104	Numeric Definition of the Clinical Performance of the Nested Reverse Transcription-PCR for Detection of Hematogenous Epithelial Cells and Correction for Specific mRNA of Non-Target Cell Origin as Evaluated for Prostate Cancer Cells. Clinical Chemistry, 2003, 49, 1458-1466.	3.2	35
105	Aberrant Activation of Fatty Acid Synthesis Suppresses Primary Cilium Formation and Distorts Tissue Development. Cancer Research, 2010, 70, 9453-9462.	0.9	34
106	Lipidomics in drug development. Drug Discovery Today: Technologies, 2015, 13, 33-38.	4.0	34
107	Triiodothyronine modulates growth, secretory function and androgen receptor concentration in the prostatic carcinoma cell line LNCaP. Molecular and Cellular Endocrinology, 1995, 109, 105-111.	3.2	33
108	Unique Adenosine 3â€²,5â€² Cyclic Monophosphate Phosphodiesterase Messenger Ribonucleic Acids in Rat Spermatogenic Cells: Evidence for Differential Gene Expression during Spermatogenesis1. Biology of Reproduction, 1992, 46, 1027-1033.	2.7	32

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109	Characterization of the human secretory component gene promoter. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1997, 1350, 147-154.	2.4	30
110	Heregulins or Neu Differentiation Factors and the Interactions between Peritubular Myoid Cells and Sertoli Cells*. Endocrinology, 1999, 140, 2216-2223.	2.8	29
111	Trade and the political economy of standards. World Trade Review, 2012, 11, 390-400.	0.7	29
112	Androgen regulation of the messenger RNA encoding diazepam-binding inhibitor/acyl-CoA-binding protein in the rat. Molecular and Cellular Endocrinology, 1996, 118, 65-70.	3.2	28
113	Wine Regulations. Applied Economic Perspectives and Policy, 2019, 41, 620-649.	5.6	28
114	Regulated IRE1Î±-dependent decay (RIDD)-mediated reprograming of lipid metabolism in cancer. Nature Communications, 2022, 13, 2493.	12.8	28
115	Lipogenic effects of androgen signaling in normal and malignant prostate. Asian Journal of Urology, 2020, 7, 258-270.	1.2	27
116	Too complex to fail? Targeting fatty acid metabolism for cancer therapy. Progress in Lipid Research, 2022, 85, 101143.	11.6	27
117	An Aged Rat Model of Partial Androgen Deficiency: Prevention of Both Loss of Bone and Lean Body Mass by Low-Dose Androgen Replacement. Endocrinology, 2000, 141, 1642-1647.	2.8	26
118	Hepatosteatosis in peroxisome deficient liver despite increased Î²-oxidation capacity and impaired lipogenesis. Biochimie, 2011, 93, 1828-1838.	2.6	23
119	Fatty acid synthesis is a therapeutic target in human liposarcoma. International Journal of Oncology, 2010, 36, 1309-14.	3.3	22
120	Impact of the WTO on Agricultural and Food Policies. World Economy, 2012, 35, 1089-1101.	2.5	22
121	Apparent coactivation due to interference of expression constructs with nuclear receptor expression. Molecular and Cellular Endocrinology, 2000, 168, 21-29.	3.2	21
122	Do androgens control the uptake of 18F-FDG, 11C-choline and 11C-acetate in human prostate cancer cell lines?. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1842-1853.	6.4	21
123	The global bio-economy. Agricultural Economics (United Kingdom), 2013, 44, 1-5.	3.9	21
124	The Political and Economic History of Vineyard Planting Rights in Europe: From Montesquieu to the European Union. Journal of Wine Economics, 2016, 11, 379-413.	0.8	21
125	Removal of optimal cutting temperature (O.C.T.) compound from embedded tissue for MALDI imaging of lipids. Analytical and Bioanalytical Chemistry, 2021, 413, 2695-2708.	3.7	21
126	The Estrogen Receptor Ligand ICI 182,780 Does Not Impair the Bone-Sparing Effects of Testosterone in the Young Orchidectomized Rat Model. Calcified Tissue International, 2002, 70, 170-175.	3.1	20

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127	Insulin-Like Growth Factorâ€“Type 1 Receptor Inhibitor NVP-AEW541 Enhances Radiosensitivity of PTEN Wild-Type but Not PTEN-Deficient Human Prostate Cancer Cells. International Journal of Radiation Oncology Biology Physics, 2011, 81, 239-247.	0.8	20
128	Lipid droplet degradation by autophagy connects mitochondria metabolism to Prox1-driven expression of lymphatic genes and lymphangiogenesis. Nature Communications, 2022, 13, 2760.	12.8	19
129	Both retinoids and androgens are required to maintain or promote functional differentiation in reaggregation cultures of human prostate epithelial cells. Prostate, 2002, 53, 34-49.	2.3	18
130	Primary cilium suppression by SREBP1c involves distortion of vesicular trafficking by PLA2G3. Molecular Biology of the Cell, 2015, 26, 2321-2332.	2.1	18
131	Membrane Lipid Remodeling Takes Center Stage in Growth Factor Receptor-Driven Cancer Development. Cell Metabolism, 2019, 30, 407-408.	16.2	18
132	The development of an inducible androgen receptor knockout model in mouse to study the post-meiotic effects of androgens on germ cell development. Spermatogenesis, 2011, 1, 341-353.	0.8	17
133	The first study on therapeutic efficacies of a vascular disrupting agent CA4P among primary hepatocellular carcinomas with a full spectrum of differentiation and vascularity: Correlation of MRIâ€microangiographyâ€histopathology in rats. International Journal of Cancer, 2018, 143, 1817-1828.	5.1	17
134	Longitudinal microcomputed tomography-derived biomarkers for lung metastasis detection in a syngeneic mouse model: added value to bioluminescence imaging. Laboratory Investigation, 2017, 97, 24-33.	3.7	16
135	Neoadjuvant degarelix with or without apalutamide followed by radical prostatectomy for intermediate and high-risk prostate cancer: ARNEO, a randomized, double blind, placebo-controlled trial. BMC Cancer, 2018, 18, 354.	2.6	16
136	Progestins and Androgens Increase Expression of Spot 14 in T47-D Breast Tumor Cells. Biochemical and Biophysical Research Communications, 2000, 269, 209-212.	2.1	15
137	5-Aminoimidazole-4-Carboxamide Riboside Enhances Effect of Ionizing Radiation in PC3 Prostate Cancer Cells. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1515-1523.	0.8	15
138	Cytokines derived from activated human mononuclear cells markedly stimulate transferrin secretion by cultured Sertoli cells. Endocrinology, 1996, 137, 514-521.	2.8	15
139	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. Nature Communications, 2021, 12, 7037.	12.8	15
140	Transfection with steroid-responsive reporter constructs shows glucocorticoid rather than androgen responsiveness in cultured Sertoli cells. Journal of Steroid Biochemistry and Molecular Biology, 2006, 98, 164-173.	2.5	14
141	From unfair prices to unfair trading practices: Political economy, value chains and 21st century agriâ€food policy. Agricultural Economics (United Kingdom), 2021, 52, 771-788.	3.9	14
142	Coactivation of an endogenous progesterone receptor by TIF2 in COS-7 cells. Biochemical and Biophysical Research Communications, 2002, 295, 469-474.	2.1	13
143	Evaluation of androgen-induced effects on the uptake of [18F]FDG, [11C]choline and [11C]acetate in an androgen-sensitive and androgen-independent prostate cancer xenograft model. EJNMMI Research, 2013, 3, 31.	2.5	13
144	Unravelling Prostate Cancer Heterogeneity Using Spatial Approaches to Lipidomics and Transcriptomics. Cancers, 2022, 14, 1702.	3.7	13

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145	Androgens down-regulate the expression of the human homologue of Paternally expressed gene-3 in the prostatic adenocarcinoma cell line LNCaP. Molecular and Cellular Endocrinology, 1999, 155, 69-76.	3.2	12
146	The retinoblastoma protein-associated transcription repressor RBaK interacts with the androgen receptor and enhances its transcriptional activity. Journal of Molecular Endocrinology, 2003, 31, 583-596.	2.5	12
147	Regulations, Brokers, and Interlinkages: The Institutional Organization of Wholesale Markets in India. Journal of Development Studies, 2012, 48, 864-886.	2.1	12
148	Heregulins or Neu Differentiation Factors and the Interactions between Peritubular Myoid Cells and Sertoli Cells. Endocrinology, 1999, 140, 2216-2223.	2.8	12
149	Monounsaturated Fatty Acids: Key Regulators of Cell Viability and Intracellular Signaling in Cancer. Molecular Cancer Research, 2022, 20, 1354-1364.	3.4	12
150	Retinoids stimulate lipid synthesis and accumulation in LNCaP prostatic adenocarcinoma cells. Molecular and Cellular Endocrinology, 1997, 136, 37-46.	3.2	11
151	Remodeling of phospholipid composition in colon cancer cells by 1Î±,25(OH)2D3 and its analogs. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 172-178.	2.5	11
152	The political economy of regulations and trade: Wine trade 1860â€“1970. World Economy, 2018, 41, 1567-1595.	2.5	11
153	Predicting Therapeutic Efficacy of Vascular Disrupting Agent CA4P in Rats with Liver Tumors by Hepatobiliary Contrast Agent Mn-DPDP-Enhanced MRI. Translational Oncology, 2020, 13, 92-101.	3.7	11
154	Organotypic Cultures of Prepubertal Mouse Testes: A Method to Study Androgen Action in Sertoli Cells while Preserving their Natural Environment. Biology of Reproduction, 2009, 81, 1083-1092.	2.7	10
155	FOâ€SPR biosensor calibrated with recombinant extracellular vesicles enables specific and sensitive detection directly in complex matrices. Journal of Extracellular Vesicles, 2021, 10, e12059.	12.2	10
156	Inter-organellar Communication in Parkinson's and Alzheimer's Disease: Looking Beyond Endoplasmic Reticulum-Mitochondria Contact Sites. Frontiers in Neuroscience, 0, 16, .	2.8	10
157	Ceramide analog [18F]F-HPA-12 detects sphingolipid disbalance in the brain of Alzheimerâ€™s disease transgenic mice by functioning as a metabolic probe. Scientific Reports, 2020, 10, 19354.	3.3	9
158	Incidence and prognosis of liver metastasis at diagnosis: a pan-cancer population-based study. American Journal of Cancer Research, 2020, 10, 1477-1517.	1.4	9
159	ADH resistance of LLC-PK1 cells caused by overexpression of cAMP-phosphodiesterase type-IV. Kidney International, 1993, 43, 1286-1297.	5.2	8
160	Deciphering the Role of Extracellular Vesicles Derived from ZIKV-Infected hcMEC/D3 Cells on the Bloodâ€“Brain Barrier System. Viruses, 2021, 13, 2363.	3.3	8
161	Technology Adoption, Vertical Coordination in Value Chains, and FDI in Developing Countries: Panel Evidence from the Dairy Sector in India (Punjab). Review of Industrial Organization, 2020, 57, 433-479.	0.7	7
162	Predicting Clinical Efficacy of Vascular Disrupting Agents in Rodent Models of Primary and Secondary Liver Cancers: An Overview with Imaging-Histopathology Correlation. Diagnostics, 2020, 10, 78.	2.6	7

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163	Micro-HCCs in rats with liver cirrhosis: paradoxical targeting effects with vascular disrupting agent CA4P. Oncotarget, 2017, 8, 55204-55215.	1.8	7
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