

Isabel R Schlaepfer

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,115
citations

304743

22
h-index

289244

40
g-index

53
all docs

53
docs citations

53
times ranked

3558
citing authors

#	ARTICLE	IF	CITATIONS
1	CPT1A-mediated Fat Oxidation, Mechanisms, and Therapeutic Potential. <i>Endocrinology</i> , 2020, 161, .	2.8	296
2	Lipid Catabolism via CPT1 as a Therapeutic Target for Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2361-2371.	4.1	233
3	The CHRNA5/A3/B4 Gene Cluster Variability as an Important Determinant of Early Alcohol and Tobacco Initiation in Young Adults. <i>Biological Psychiatry</i> , 2008, 63, 1039-1046.	1.3	174
4	Association of the neuronal nicotinic receptor $\alpha 2$ subunit gene (CHRN2) with subjective responses to alcohol and nicotine. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 596-604.	1.7	108
5	Genetic Association of the CHRNA6 and CHRN3 Genes with Tobacco Dependence in a Nationally Representative Sample. <i>Neuropsychopharmacology</i> , 2009, 34, 698-706.	5.4	90
6	The neuronal nicotinic receptor subunit genes (CHRNA6 and CHRN3) are associated with subjective responses to tobacco. <i>Human Molecular Genetics</i> , 2007, 17, 724-734.	2.9	88
7	Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation. <i>Oncotarget</i> , 2015, 6, 22836-22856.	1.8	85
8	Lipid Metabolism and Endocrine Resistance in Prostate Cancer, and New Opportunities for Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2626.	4.1	80
9	Aberrant Lipid Metabolism Promotes Prostate Cancer: Role in Cell Survival under Hypoxia and Extracellular Vesicles Biogenesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1061.	4.1	77
10	The Genetic Components of Alcohol and Nicotine Co-Addiction: From Genes to Behavior. <i>Current Drug Abuse Reviews</i> , 2008, 1, 124-134.	3.4	75
11	Targeting Fatty Acid Oxidation to Promote Anoikis and Inhibit Ovarian Cancer Progression. <i>Molecular Cancer Research</i> , 2020, 18, 1088-1098.	3.4	71
12	Lipid catabolism inhibition sensitizes prostate cancer cells to antiandrogen blockade. <i>Oncotarget</i> , 2017, 8, 56051-56065.	1.8	70
13	Prevention of diet-induced obesity in transgenic mice overexpressing skeletal muscle lipoprotein lipase. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1997, 273, R683-R689.	1.8	67
14	Progesterin modulates the lipid profile and sensitivity of breast cancer cells to docetaxel. <i>Molecular and Cellular Endocrinology</i> , 2012, 363, 111-121.	3.2	60
15	ATG14 facilitated lipophagy in cancer cells induce ER stress mediated mitoptosis through a ROS dependent pathway. <i>Free Radical Biology and Medicine</i> , 2017, 104, 199-213.	2.9	60
16	Tumor necrosis factor-alpha eliminates binding of NF-Y and an octamer-binding protein to the lipoprotein lipase promoter in 3T3-L1 adipocytes.. <i>Journal of Clinical Investigation</i> , 1995, 95, 1684-1689.	8.2	59
17	Inhibition of Lipid Oxidation Increases Glucose Metabolism and Enhances 2-Deoxy-2-[18F]Fluoro-d-Glucose Uptake in Prostate Cancer Mouse Xenografts. <i>Molecular Imaging and Biology</i> , 2015, 17, 529-538.	2.6	54
18	Raman and coherent anti-Stokes Raman scattering microscopy studies of changes in lipid content and composition in hormone-treated breast and prostate cancer cells. <i>Journal of Biomedical Optics</i> , 2014, 19, 111605.	2.6	50

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19	A novel approach to target hypoxic cancer cells via combining β -oxidation inhibitor etomoxir with radiation. <i>Hypoxia (Auckland, N Z)</i> , 2018, Volume 6, 23-33.	1.9	33
20	RTN4 Knockdown Dysregulates the AKT Pathway, Destabilizes the Cytoskeleton, and Enhances Paclitaxel-Induced Cytotoxicity in Cancers. <i>Molecular Therapy</i> , 2018, 26, 2019-2033.	8.2	29
21	Externalizing Behaviors are Associated with SNPs in the CHRNA5/CHRNA3/CHRNA4 Gene Cluster. <i>Behavior Genetics</i> , 2012, 42, 402-414.	2.1	28
22	Exosomes secreted by placental stem cells selectively inhibit growth of aggressive prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 1004-1010.	2.1	27
23	Increased expression of the SNARE accessory protein Munc18c in lipid-mediated insulin resistance. <i>Journal of Lipid Research</i> , 2003, 44, 1174-1181.	4.2	23
24	CPT1A Supports Castration-Resistant Prostate Cancer in Androgen-Deprived Conditions. <i>Cells</i> , 2019, 8, 1115.	4.1	23
25	CPT1A Over-Expression Increases Reactive Oxygen Species in the Mitochondria and Promotes Antioxidant Defenses in Prostate Cancer. <i>Cancers</i> , 2020, 12, 3431.	3.7	21
26	Light-Responsive Polymeric Micellar Nanoparticles with Enhanced Formulation Stability. <i>Polymers</i> , 2021, 13, 377.	4.5	18
27	Plasma triglyceride reduction in mice after direct injections of muscle-specific lipoprotein lipase DNA. <i>Diabetes</i> , 1999, 48, 223-227.	0.6	16
28	The human protein kinase C gamma gene (PRKCG) as a susceptibility locus for behavioral disinhibition. <i>Addiction Biology</i> , 2007, 12, 200-209.	2.6	15
29	Overcoming Resistance to Therapies Targeting the MAPK Pathway in BRAF-Mutated Tumours. <i>Journal of Oncology</i> , 2020, 2020, 1-14.	1.3	14
30	The Antineoplastic Activity of Photothermal Ablative Therapy with Targeted Gold Nanorods in an Orthotopic Urinary Bladder Cancer Model. <i>Bladder Cancer</i> , 2017, 3, 201-210.	0.4	12
31	Carnitine Palmitoyltransferase 1 Regulates Prostate Cancer Growth under Hypoxia. <i>Cancers</i> , 2021, 13, 6302.	3.7	12
32	Tissue-specific regulation of lipoprotein lipase by isoproterenol in normal-weight humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1996, 271, R1280-R1286.	1.8	11
33	Increased Intracellular Triglyceride in C2C12 Muscle Cells Transfected with Human Lipoprotein Lipase. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 997-1001.	2.1	11
34	Targeting Fat Oxidation in Mouse Prostate Cancer Decreases Tumor Growth and Stimulates Anti-Cancer Immunity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9660.	4.1	8
35	VI. Yeast sequencing reports. The sequence and potential regulatory elements of the HEM2 promoter of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1994, 10, 227-229.	1.7	7
36	Fatty acids increase glucose uptake and metabolism in C2C12 myoblasts stably transfected with human lipoprotein lipase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E576-E583.	3.5	3

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37	BRAF Modulates Lipid Use and Accumulation. <i>Cancers</i> , 2022, 14, 2110.	3.7	3
38	Cloning and characterization of Munc18c(L), a novel murine Munc18c gene paralog. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 911-916.	2.1	1
39	Lipid profiling using Raman and a modified support vector machine algorithm. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1910.	2.5	1
40	Abstract A021: CPT1A-mediated fat oxidation and its role in the immune response to prostate cancer. , 2018, , .		1
41	Editorial: The Role of Steroid Hormones and Growth Factors in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 887529.	3.7	1
42	Micro-Raman spectroscopy studies of changes in lipid composition in breast and prostate cancer cells treated with MPA and R1881 hormones. , 2014, , .		0
43	Statistical performance of image cytometry for DNA, lipids, cytokeratin, & CD45 in a model system for circulation tumor cell detection. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 662-674.	1.5	0
44	Abstract 107: Lipid metabolism inhibitors enhance glycolysis and FDG-PET imaging of prostate cancer tumors. , 2014, , .		0
45	Abstract 1483: Lipid oxidation via CPT1 as a target for prostate cancer imaging and therapy. , 2015, , .		0
46	Abstract 1055: CPT1A-mediated lipid catabolism modulates growth, AR expression and hypoxia survival of prostate cancer. , 2016, , .		0
47	MP81-14 EXOSOMES SECRETED BY PLACENTAL STEM CELLS SELECTIVELY INHIBIT GROWTH OF PROSTATE CANCER CELLS. <i>Journal of Urology</i> , 2018, 199, .	0.4	0
48	Statistical multivariate analysis of biomarkers for circulating tumor cell detection (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302		
49	OR34-4 ATF3 Is A Converging Point For AR Signaling And Fatty Acid Oxidation In Prostate Cancer. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
50	Pilot study to enhance FDG-PET imaging of prostate cancers with the metabolic inhibitor ranolazine.. <i>Journal of Clinical Oncology</i> , 2019, 37, e16551-e16551.	1.6	0
51	Abstract 5029: Targeting fatty acid oxidation to promote anoikis and inhibit ovarian cancer progression. , 2020, , .		0
52	Abstract 6387: Therapeutic targeting of lipid oxidation and apoptosis in pancreatic ductal adenocarcinoma. , 2020, , .		0
53	Raman Microscopy Techniques to Study Lipid Droplet Composition in Cancer Cells. <i>Methods in Molecular Biology</i> , 2022, 2413, 193-209.	0.9	0