# Isabel R Schlaepfer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6539563/publications.pdf

Version: 2024-02-01

| 53 | 2,115 | 304368 | 288905 |
|---|---|---|---|
| papers | citations | 22 h-index | 40 g-index |

| 53 | 53 | 53 | 3558 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Raman Microscopy Techniques to Study Lipid Droplet Composition in Cancer Cells. Methods in Molecular Biology, 2022, 2413, 193-209. | 0.4 | 0 |
| 2 | Editorial: The Role of Steroid Hormones and Growth Factors in Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, 887529. | 1.8 | 1 |
| 3 | BRAF Modulates Lipid Use and Accumulation. Cancers, 2022, 14, 2110. | 1.7 | 3 |
| 4 | Lipid profiling using Raman and a modified support vector machine algorithm. Journal of Raman Spectroscopy, 2021, 52, 1910. | 1.2 | 1 |
| 5 | Light-Responsive Polymeric Micellar Nanoparticles with Enhanced Formulation Stability. Polymers, 2021, 13, 377. | 2.0 | 18 |
| 6 | Carnitine Palmitoyltransferase 1 Regulates Prostate Cancer Growth under Hypoxia. Cancers, 2021, 13, 6302. | 1.7 | 12 |
| 7 | CPT1A-mediated Fat Oxidation, Mechanisms, and Therapeutic Potential. Endocrinology, 2020, 161, . | 1.4 | 296 |
| 8 | Overcoming Resistance to Therapies Targeting the MAPK Pathway in BRAF-Mutated Tumours. Journal of Oncology, 2020, 2020, 1-14. | 0.6 | 14 |
| 9 | CPT1A Over-Expression Increases Reactive Oxygen Species in the Mitochondria and Promotes Antioxidant Defenses in Prostate Cancer. Cancers, 2020, 12, 3431. | 1.7 | 21 |
| 10 | Targeting Fat Oxidation in Mouse Prostate Cancer Decreases Tumor Growth and Stimulates Anti-Cancer Immunity. International Journal of Molecular Sciences, 2020, 21, 9660. | 1.8 | 8 |
| 11 | Targeting Fatty Acid Oxidation to Promote Anoikis and Inhibit Ovarian Cancer Progression. Molecular Cancer Research, 2020, 18, 1088-1098. | 1.5 | 71 |
| 12 | Abstract 5029: Targeting fatty acid oxidation to promote anoikis and inhibit ovarian cancer progression. , 2020, , . | | 0 |
| 13 | Abstract 6387: Therapeutic targeting of lipid oxidation and apoptosis in pancreatic ductal adenocarcinoma. , 2020, , . | | 0 |
| 14 | CPT1A Supports Castration-Resistant Prostate Cancer in Androgen-Deprived Conditions. Cells, 2019, 8, 1115. | 1.8 | 23 |
| 15 | Lipid Metabolism and Endocrine Resistance in Prostate Cancer, and New Opportunities for Therapy. International Journal of Molecular Sciences, 2019, 20, 2626. | 1.8 | 80 |
| 16 | Statistical multivariate analysis of biomarkers for circulating tumor cell detection (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 | | 0 |
| 17 | OR34-4 ATF3 Is A Converging Point For AR Signaling And Fatty Acid Oxidation In Prostate Cancer. Journal of the Endocrine Society, 2019, 3, . | 0.1 | 0 |
| 18 | Pilot study to enhance FDG-PET imaging of prostate cancers with the metabolic inhibitor ranolazine.. Journal of Clinical Oncology, 2019, 37, e16551-e16551. | 0.8 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Exosomes secreted by placental stem cells selectively inhibit growth of aggressive prostate cancer cells. Biochemical and Biophysical Research Communications, 2018, 499, 1004-1010. | 1.0 | 27 |
| 20 | RTN4 Knockdown Dysregulates the AKT Pathway, Destabilizes the Cytoskeleton, and Enhances Paclitaxel-Induced Cytotoxicity in Cancers. Molecular Therapy, 2018, 26, 2019-2033. | 3.7 | 29 |
| 21 | A novel approach to target hypoxic cancer cells via combining β-oxidation inhibitor etomoxir with radiation. Hypoxia (Auckland, N Z ), 2018, Volume 6, 23-33. | 1.9 | 33 |
| 22 | MP81-14 EXOSOMES SECRETED BY PLACENTAL STEM CELLS SELECTIVELY INHIBIT GROWTH OF PROSTATE CANCER CELLS. Journal of Urology, 2018, 199, . | 0.2 | 0 |
| 23 | Abstract A021: CPT1A-mediated fat oxidation and its role in the immune response to prostate cancer. , 2018, , . | | 1 |
| 24 | ATG14 facilitated lipophagy in cancer cells induce ER stress mediated mitoptosis through a ROS dependent pathway. Free Radical Biology and Medicine, 2017, 104, 199-213. | 1.3 | 60 |
| 25 | Statistical performance of image cytometry for DNA, lipids, cytokeratin, & CD45 in a model system for circulation tumor cell detection. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 662-674. | 1.1 | 0 |
| 26 | The Antineoplastic Activity of Photothermal Ablative Therapy with Targeted Gold Nanorods in an Orthotopic Urinary Bladder Cancer Model. Bladder Cancer, 2017, 3, 201-210. | 0.2 | 12 |
| 27 | Lipid catabolism inhibition sensitizes prostate cancer cells to antiandrogen blockade. Oncotarget, 2017, 8, 56051-56065. | 0.8 | 70 |
| 28 | Aberrant Lipid Metabolism Promotes Prostate Cancer: Role in Cell Survival under Hypoxia and Extracellular Vesicles Biogenesis. International Journal of Molecular Sciences, 2016, 17, 1061. | 1.8 | 77 |
| 29 | Abstract 1055: CPT1A-mediated lipid catabolism modulates growth, AR expression and hypoxia survival of prostate cancer. , 2016, , . | | 0 |
| 30 | Inhibition of Lipid Oxidation Increases Glucose Metabolism and Enhances 2-Deoxy-2-[18F]Fluoro-d-Glucose Uptake in Prostate Cancer Mouse Xenografts. Molecular Imaging and Biology, 2015, 17, 529-538. | 1.3 | 54 |
| 31 | Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation. Oncotarget, 2015, 6, 22836-22856. | 0.8 | 85 |
| 32 | Abstract 1483: Lipid oxidation via CPT1 as a target for prostate cancer imaging and therapy. , 2015, , . | | 0 |
| 33 | Raman and coherent anti-Stokes Raman scattering microscopy studies of changes in lipid content and composition in hormone-treated breast and prostate cancer cells. Journal of Biomedical Optics, 2014, 19, 111605. | 1.4 | 50 |
| 34 | Micro-Raman spectroscopy studies of changes in lipid composition in breast and prostate cancer cells treated with MPA and R1881 hormones. , 2014, , . | | 0 |
| 35 | Lipid Catabolism via CPT1 as a Therapeutic Target for Prostate Cancer. Molecular Cancer Therapeutics, 2014, 13, 2361-2371. | 1.9 | 233 |
| 36 | Abstract 107: Lipid metabolism inhibitors enhance glycolysis and FDG-PET imaging of prostate cancer tumors. , 2014, , . | | 0 |

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|---|---|---|---|
| 37 | Progestin modulates the lipid profile and sensitivity of breast cancer cells to docetaxel. Molecular and Cellular Endocrinology, 2012, 363, 111-121. | 1.6 | 60 |
| 38 | Externalizing Behaviors are Associated with SNPs in the CHRNA5/CHRNA3/CHRNB4 Gene Cluster. Behavior Genetics, 2012, 42, 402-414. | 1.4 | 28 |
| 39 | Fatty acids increase glucose uptake and metabolism in C2C12 myoblasts stably transfected with human lipoprotein lipase. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E576-E583. | 1.8 | 3 |
| 40 | Genetic Association of the CHRNA6 and CHRNB3 Genes with Tobacco Dependence in a Nationally Representative Sample. Neuropsychopharmacology, 2009, 34, 698-706. | 2.8 | 90 |
| 41 | The CHRNA5/A3/B4 Gene Cluster Variability as an Important Determinant of Early Alcohol and Tobacco Initiation in Young Adults. Biological Psychiatry, 2008, 63, 1039-1046. | 0.7 | 174 |
| 42 | The Genetic Components of Alcohol and Nicotine Co-Addiction: From Genes to Behavior. Current Drug Abuse Reviews, 2008, 1, 124-134. | 3.4 | 75 |
| 43 | The neuronal nicotinic receptor subunit genes (CHRNA6 and CHRNB3) are associated with subjective responses to tobacco. Human Molecular Genetics, 2007, 17, 724-734. | 1.4 | 88 |
| 44 | Association of the neuronal nicotinic receptor Î²2 subunit gene (CHRNB2) with subjective responses to alcohol and nicotine. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 596-604. | 1.1 | 108 |
| 45 | The human protein kinase C gamma gene (PRKCG) as a susceptibility locus for behavioral disinhibition. Addiction Biology, 2007, 12, 200-209. | 1.4 | 15 |
| 46 | Cloning and characterization of Munc18c(L), a novel murine Munc18c gene paralog. Biochemical and Biophysical Research Communications, 2005, 334, 911-916. | 1.0 | 1 |
| 47 | Increased expression of the SNARE accessory protein Munc18c in lipid-mediated insulin resistance. Journal of Lipid Research, 2003, 44, 1174-1181. | 2.0 | 23 |
| 48 | Increased Intracellular Triglyceride in C2C12 Muscle Cells Transfected with Human Lipoprotein Lipase. Biochemical and Biophysical Research Communications, 2000, 270, 997-1001. | 1.0 | 11 |
| 49 | Plasma triglyceride reduction in mice after direct injections of muscle-specific lipoprotein lipase DNA. Diabetes, 1999, 48, 223-227. | 0.3 | 16 |
| 50 | Prevention of diet-induced obesity in transgenic mice overexpressing skeletal muscle lipoprotein lipase. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R683-R689. | 0.9 | 67 |
| 51 | Tissue-specific regulation of lipoprotein lipase by isoproterenol in normal-weight humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1996, 271, R1280-R1286. | 0.9 | 11 |
| 52 | Tumor necrosis factor-alpha eliminates binding of NF-Y and an octamer-binding protein to the lipoprotein lipase promoter in 3T3-L1 adipocytes.. Journal of Clinical Investigation, 1995, 95, 1684-1689. | 3.9 | 59 |
| 53 | VI. Yeast sequencing reports. The sequence and potential regulatory elements of theHEM2 promoter ofSaccharomyces cerevisiae. Yeast, 1994, 10, 227-229. | 0.8 | 7 |