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List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,248
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent anti-Stokes Raman scattering imaging of lipids in cancer metastasis. BMC Cancer, 2009, 9, 42.	2.6	156
2	Label-free molecular imaging of atherosclerotic lesions using multimodal nonlinear optical microscopy. Journal of Biomedical Optics, 2007, 12, 054007.	2.6	146
3	Shedding new light on lipid biology with coherent anti-Stokes Raman scattering microscopy. Journal of Lipid Research, 2010, 51, 3091-3102.	4.2	142
4	Label-free quantitative analysis of lipid metabolism in living Caenorhabditis elegans. Journal of Lipid Research, 2010, 51, 672-677.	4.2	99
5	Disruption of uridine homeostasis links liver pyrimidine metabolism to lipid accumulation. Journal of Lipid Research, 2013, 54, 1044-1057.	4.2	91
6	Detection of Lipid-Rich Prostate Circulating Tumour Cells with Coherent Anti-Stokes Raman Scattering Microscopy. BMC Cancer, 2012, 12, 540.	2.6	64
7	Positive regulation of prostate cancer cell growth by lipid droplet forming and processing enzymes DGAT1 and ABHD5. BMC Cancer, 2017, 17, 631.	2.6	55
8	Chronic Uridine Administration Induces Fatty Liver and Pre-Diabetic Conditions in Mice. PLoS ONE, 2016, 11, e0146994.	2.5	55
9	Single-Cell Profiling Reveals the Origin of Phenotypic Variability in Adipogenesis. PLoS ONE, 2009, 4, e5189.	2.5	51
10	Wnt interaction and extracellular release of prominin-1/CD133 in human malignant melanoma cells. Experimental Cell Research, 2013, 319, 810-819.	2.6	48
11	Nonlinear optical imaging to evaluate the impact of obesity on mammary gland and tumor stroma. Molecular Imaging, 2007, 6, 205-11.	1.4	39
12	Label-free Evaluation of Hepatic Microvesicular Steatosis with Multimodal Coherent Anti-Stokes Raman Scattering Microscopy. PLoS ONE, 2012, 7, e51092.	2.5	38
13	Quantitative Assessment of Liver Steatosis and Affected Pathways with Molecular Imaging and Proteomic Profiling. Scientific Reports, 2018, 8, 3606.	3.3	31
14	Uridine Affects Liver Protein Glycosylation, Insulin Signaling, and Heme Biosynthesis. PLoS ONE, 2014, 9, e99728.	2.5	30
15	Uridine prevents tamoxifen-induced liver lipid droplet accumulation. BMC Pharmacology & Toxicology, 2014, 15, 27.	2.4	30
16	Uridine Prevents Fenofibrate-Induced Fatty Liver. PLoS ONE, 2014, 9, e87179.	2.5	28
17	Letter to the Editor<sc></sc> An Intriguing Relationship Between Lipid Droplets, Cholesterol-Binding Protein CD133 and Wnt/ β -Catenin Signaling Pathway in Carcinogenesis. Stem Cells, 2015, 33, 1366-1370.	3.2	22
18	Imaging Immune and Metabolic Cells of Visceral Adipose Tissues with Multimodal Nonlinear Optical Microscopy. PLoS ONE, 2012, 7, e38418.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Potency Assessment of CBD Oils by Their Effects on Cell Signaling Pathways. <i>Nutrients</i> , 2020, 12, 357.	4.1	17
20	Fast-Acting and Receptor-Mediated Regulation of Neuronal Signaling Pathways by Copaiba Essential Oil. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2259.	4.1	17
21	Molecular classification of fatty liver by high-throughput profiling of protein post-translational modifications. <i>Journal of Pathology</i> , 2016, 238, 641-650.	4.5	15
22	Capillary Isoelectric Focusing Immunoassay for Fat Cell Differentiation Proteomics. <i>PLoS ONE</i> , 2015, 10, e0132105.	2.5	14
23	Enhanced detection of metastatic prostate cancer cells in human plasma with lipid bodies staining. <i>BMC Cancer</i> , 2014, 14, 91.	2.6	12
24	Detection of the Cell Cycle-Regulated Negative Feedback Phosphorylation of Mitogen-Activated Protein Kinases in Breast Carcinoma using Nanofluidic Proteomics. <i>Scientific Reports</i> , 2018, 8, 9991.	3.3	10
25	Akt3 Regulates the Tissue-Specific Response to Copaiba Essential Oil. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2851.	4.1	9
26	Differentiation of Essential Oils Using Nanofluidic Protein Post-Translational Modification Profiling. <i>Molecules</i> , 2019, 24, 2383.	3.8	7
27	NON-LINEAR OPTICAL IMAGING OF OBESITY-RELATED HEALTH RISKS: REVIEW. <i>Journal of Innovative Optical Health Sciences</i> , 2009, 02, 9-25.	1.0	4
28	Observation-driven inquiry: Raman spectroscopic imaging illuminates cancer lipid metabolism. <i>Stem Cell Investigation</i> , 2017, 4, 42-42.	3.0	0