G Ekin Atilla-Gokcumen

List of Publications by Year
in descending order

50 papers	1,650 citations	331670 21 h-index	315739 38 g-index
53 all docs	53 docs citations	53 times ranked	2850 citing authors

#	Article	IF	Citations
1	Ceramide-1-Phosphate Is Involved in Therapy-Induced Senescence. ACS Chemical Biology, 2022, 17, 822-828.	3.4	2
2	Cellular Interactions and Fatty Acid Transporter CD36-Mediated Uptake of Per- and Polyfluorinated Alkyl Substances (PFAS). Chemical Research in Toxicology, 2022, 35, 694-702.	3.3	8
3	Endocrine Therapy-Resistant Breast Cancer Cells Are More Sensitive to Ceramide Kinase Inhibition and Elevated Ceramide Levels Than Therapy-Sensitive Breast Cancer Cells. Cancers, 2022, 14, 2380.	3.7	4
4	Development of a Liquid Chromatographyâ€"Mass Spectrometry-Based In Vitro Assay to Assess Changes in Steroid Hormones Due to Exposure to Per- and Polyfluoroalkyl Substances. Chemical Research in Toxicology, 2022, 35, 1277-1288.	3.3	3
5	Short Photoswitchable Ceramides Enable Optical Control of Apoptosis. ACS Chemical Biology, 2021, 16, 452-456.	3.4	22
6	A Single-Organelle Optical Omics Platform for Cell Science and Biomarker Discovery. Analytical Chemistry, 2021, 93, 8281-8290.	6.5	11
7	Light-Triggered Release of Large Biomacromolecules from Porphyrin-Phospholipid Liposomes. Langmuir, 2021, 37, 10859-10865.	3.5	12
8	Sex-specific phenotypic effects and evolutionary history of an ancient polymorphic deletion of the human growth hormone receptor. Science Advances, 2021, 7, eabi4476.	10.3	11
9	Protein acylation by saturated very long chain fatty acids and endocytosis are involved in necroptosis. Cell Chemical Biology, 2021, 28, 1298-1309.e7.	5.2	21
10	Solving the enigma: Mass spectrometry and small molecule probes to study sphingolipid function. Current Opinion in Chemical Biology, 2021, 65, 49-56.	6.1	2
11	Lyophilized, antigen-bound liposomes with reduced MPLA and enhanced thermostability. International Journal of Pharmaceutics, 2020, 589, 119843.	5.2	18
12	Lipid Players of Cellular Senescence. Metabolites, 2020, 10, 339.	2.9	28
13	Metabolic coessentiality mapping identifies C12orf49 as a regulator of SREBP processing and cholesterol metabolism. Nature Metabolism, 2020, 2, 487-498.	11.9	32
14	Flux Balance Analysis for Media Optimization and Genetic Targets to Improve Heterologous Siderophore Production. IScience, 2020, 23, 101016.	4.1	11
15	Promotion of plasmalogen biosynthesis reverse lipid changes in a Barth Syndrome cell model. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158677.	2.4	9
16	Untargeted Lipidomics Highlight the Depletion of Deoxyceramides during Therapyâ€Induced Senescence. Proteomics, 2020, 20, e2000013.	2.2	17
17	Mass spectrometry based detection of common vitellogenin peptides across fish species for assessing exposure to estrogenic compounds in aquatic environments. Science of the Total Environment, 2019, 646, 400-408.	8.0	10
18	High-resolution mass spectrometry-based metabolomics reveal the disruption of jasmonic pathway in Arabidopsis thaliana upon copper oxide nanoparticle exposure. Science of the Total Environment, 2019, 693, 133443.	8.0	19

#	Article	IF	Citations
19	Special Issue on Lipidomics. Proteomics, 2019, 19, 1900243.	2.2	0
20	Membrane Disruption by Very Long Chain Fatty Acids during Necroptosis. ACS Chemical Biology, 2019, 14, 2286-2294.	3.4	28
21	Lipidomics reveals insights on the biological effects of copper oxide nanoparticles in a human colon carcinoma cell line. Molecular Omics, 2019, 15, 30-38.	2.8	31
22	The Role of p38 MAPK in Triacylglycerol Accumulation during Apoptosis. Proteomics, 2019, 19, e1900160.	2.2	6
23	Applications of metabolomics in assessing ecological effects of emerging contaminants and pollutants on plants. Journal of Hazardous Materials, 2019, 373, 527-535.	12.4	95
24	Removal of Serum Lipids and Lipidâ€Derived Metabolites to Investigate Breast Cancer Cell Biology. Proteomics, 2019, 19, e1800370.	2.2	17
25	Turning the Spotlight on Lipids in Non-Apoptotic Cell Death. ACS Chemical Biology, 2018, 13, 506-515.	3.4	24
26	Noncanonical Roles of Lipids in Different Cellular Fates. Biochemistry, 2018, 57, 22-29.	2.5	16
27	A Protective Role for Triacylglycerols during Apoptosis. Biochemistry, 2018, 57, 72-80.	2.5	43
28	Thioglycosides Are Efficient Metabolic Decoys of Glycosylation that Reduce Selectin Dependent Leukocyte Adhesion. Cell Chemical Biology, 2018, 25, 1519-1532.e5.	5.2	27
29	Detection of Sunlight Exposure with Solar-Sensitive Liposomes that Capture and Release Food Dyes. ACS Applied Nano Materials, 2018, 1, 2739-2747.	5.0	9
30	An evolutionary transcriptomics approach links CD36 to membrane remodeling in replicative senescence. Molecular Omics, 2018, 14, 237-246.	2.8	12
31	Time-series lipidomic analysis of the oleaginous green microalga species Ettlia oleoabundans under nutrient stress. Biotechnology for Biofuels, 2018, 11, 29.	6.2	30
32	Fatostatin induces pro- and anti-apoptotic lipid accumulation in breast cancer. Oncogenesis, 2018, 7, 66.	4.9	40
33	<i>CBR1</i> rs9024 genotype status impacts the bioactivation of loxoprofen in human liver. Biopharmaceutics and Drug Disposition, 2018, 39, 315-318.	1.9	4
34	Regulation of lipids is central to replicative senescence. Molecular BioSystems, 2017, 13, 498-509.	2.9	69
35	Multifunctional Liposomes for Imageâ€Guided Intratumoral Chemoâ€Phototherapy. Advanced Healthcare Materials, 2017, 6, 1700253.	7.6	46
36	Very Long Chain Fatty Acids Are Functionally Involved in Necroptosis. Cell Chemical Biology, 2017, 24, 1445-1454.e8.	5.2	58

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37	Mass spectrometry-based metabolomics to assess uptake of silver nanoparticles by Arabidopsis thaliana. Environmental Science: Nano, 2017, 4, 1944-1953.	4.3	21
38	Vessel-Targeted Chemophototherapy with Cationic Porphyrin-Phospholipid Liposomes. Molecular Cancer Therapeutics, 2017, 16, 2452-2461.	4.1	35
39	Rapid Lightâ€Triggered Drug Release in Liposomes Containing Small Amounts of Unsaturated and Porphyrinâ€“Phospholipids. Small, 2016, 12, 3039-3047.	10.0	119
40	Mass spectrometry-based metabolomics of value-added biochemicals from Ettlia oleoabundans. Algal Research, 2016, 19, 146-154.	4.6	9
41	Specific Triacylglycerols Accumulate <i>via</i> Increased Lipogenesis During 5-FU-Induced Apoptosis. ACS Chemical Biology, 2016, 11, 2583-2587.	3.4	26
42	Glycosphingolipids on Human Myeloid Cells Stabilize E-Selectinâ€“Dependent Rolling in the Multistep Leukocyte Adhesion Cascade. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 718-727.	2.4	32
43	Differential Regulation of Specific Sphingolipids in Colon Cancer Cells during Staurosporine-Induced Apoptosis. Chemistry and Biology, 2015, 22, 1662-1670.	6.0	49
44	Application of Metabolite Profiling Tools and Time-of-Flight Mass Spectrometry in the Identification of Transformation Products of Iopromide and Iopamidol during Advanced Oxidation. Environmental Science & Technology, 2015, 49, 2983-2990.	10.0	39
45	Effects of Polyhexamethylene Biguanide and Polyquaternium-1 on Phospholipid Bilayer Structure and Dynamics. Journal of Physical Chemistry B, 2015, 119, 10531-10542.	2.6	10
46	A Comparative LC-MS Based Profiling Approach to Analyze Lipid Composition in Tissue Culture Systems. Methods in Molecular Biology, 2015, 1232, 103-113.	0.9	3
47	Lipids in cell biology: how can we understand them better?. Molecular Biology of the Cell, 2014, 25, 1819-1823.	2.1	161
48	Dividing Cells Regulate Their Lipid Composition and Localization. Cell, 2014, 156, 428-439.	28.9	262
49	Inhibition of Glycosphingolipid Biosynthesis Induces Cytokinesis Failure. Journal of the American Chemical Society, 2011, 133, 10010-10013.	13.7	49
50	Making the Cut: The Chemical Biology of Cytokinesis. ACS Chemical Biology, 2010, 5, 79-90.	3.4	40