

Kathrin M Y Engel

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

887
citations

687363
13
h-index

501196
28
g-index

29
all docs

29
docs citations

29
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	A new update of MALDI-TOF mass spectrometry in lipid research. <i>Progress in Lipid Research</i> , 2022, 86, 101145.	11.6	30
2	Overexpression of S100A9 in obesity impairs macrophage differentiation via TLR4-NFκB-signaling worsening inflammation and wound healing. <i>Theranostics</i> , 2022, 12, 1659-1682.	10.0	28
3	Seminal lipid profiling and antioxidant capacity: A species comparison. <i>PLoS ONE</i> , 2022, 17, e0264675.	2.5	4
4	Mycobacterium tuberculosis Affects Protein and Lipid Content of Circulating Exosomes in Infected Patients Depending on Tuberculosis Disease State. <i>Biomedicines</i> , 2022, 10, 783.	3.2	10
5	Differences in the sperm metabolomes of smoking and nonsmoking men. <i>Biology of Reproduction</i> , 2021, 105, 1484-1493.	2.7	11
6	The value of coupling thin-layer chromatography to mass spectrometry in lipid research - a review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1185, 123001.	2.3	12
7	Phospholipases and Reactive Oxygen Species Derived Lipid Biomarkers in Healthy and Diseased Humans and Animals – A Focus on Lysophosphatidylcholine. <i>Frontiers in Physiology</i> , 2021, 12, 732319.	2.8	22
8	Differences in the lipid patterns during maturation of 3T3-L1 adipocytes investigated by thin-layer chromatography, gas chromatography, and mass spectrometric approaches. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2237-2249.	3.7	7
9	Chemical Profile and Antimicrobial Activity of the Fungus-Growing Termite Strain <i>Macrotermes Bellicosus</i> Used in Traditional Medicine in the Republic of Benin. <i>Molecules</i> , 2020, 25, 5015.	3.8	19
10	Deletion of Perilipin 5 Protects against Hepatic Injury in Nonalcoholic Fatty Liver Disease via Missing Inflammasome Activation. <i>Cells</i> , 2020, 9, 1346.	4.1	15
11	Different glycolipids in sperm from different freshwater fishes – A high-performance thin-layer chromatography/electrospray ionization mass spectrometry study. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8875.	1.5	8
12	Sperm Lipid Composition in Early Diverged Fish Species: Internal vs. External Mode of Fertilization. <i>Biomolecules</i> , 2020, 10, 172.	4.0	11
13	What Can MS, NMR, and TLC Tell Us About the Composition of Lipid Membranes?. <i>Springer Protocols</i> , 2020, , 59-82.	0.3	1
14	MALDI MS Analysis to Investigate the Lipid Composition of Sperm. <i>Current Analytical Chemistry</i> , 2020, 16, 79-91.	1.2	2
15	Normal-phase versus reversed-phase thin-layer chromatography (TLC) to monitor oxidized phosphatidylcholines by TLC/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 60-65.	1.5	10
16	Swimming at different temperatures: The lipid composition of sperm from three freshwater fish species determined by mass spectrometry and nuclear magnetic resonance spectroscopy. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 65-72.	3.2	20
17	Metabolomic profiling reveals correlations between spermogram parameters and the metabolites present in human spermatozoa and seminal plasma. <i>PLoS ONE</i> , 2019, 14, e0211679.	2.5	55
18	Automated semen analysis by SQA Vision® versus the manual approach-A prospective double-blind study. <i>Andrologia</i> , 2019, 51, e13149.	2.1	22

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19	Modification of sperm fatty acid composition during epididymal maturation in bats. <i>Reproduction</i> , 2019, 157, 77-85.	2.6	3
20	Electrospray Ionization Mass Spectrometry of Phospholipids. , 2019, , 1-9.		0
21	What happens to the unsuccessful spermatozoa?. <i>Andrology</i> , 2018, 6, 335-344.	3.5	19
22	Recent Developments of Useful MALDI Matrices for the Mass Spectrometric Characterization of Lipids. <i>Biomolecules</i> , 2018, 8, 173.	4.0	141
23	Visualizing phosphatidylcholine via mass spectrometry imaging: relevance to human health. <i>Expert Review of Proteomics</i> , 2018, 15, 791-800.	3.0	5
24	A comparison of PC oxidation products as detected by MALDI-TOF and ESI-IT mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2017, 203, 33-45.	3.2	8
25	The Phospholipid Composition of Kangaroo Spermatozoa Verified by Mass Spectrometric Lipid Analysis. <i>Lipids</i> , 2017, 52, 857-869.	1.7	13
26	Exploring glyoxalase 1 expression in prostate cancer tissues: Targeting the enzyme by ethyl pyruvate defangs some malignancy-associated properties. <i>Prostate</i> , 2014, 74, 48-60.	2.3	35
27	Reduced Food Intake and Body Weight in Mice Deficient for the G Protein-Coupled Receptor GPR82. <i>PLoS ONE</i> , 2011, 6, e29400.	2.5	21
28	Altered Immune Response in Mice Deficient for the G Protein-coupled Receptor GPR34. <i>Journal of Biological Chemistry</i> , 2011, 286, 2101-2110.	3.4	87
29	Alternatively activated alveolar macrophages in pulmonary fibrosis are mediator production and intracellular signal transduction. <i>Clinical Immunology</i> , 2010, 137, 89-101.	3.2	268