Kathrin M Y Engel

List of Publications by Year
in descending order

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	Alternatively activated alveolar macrophages in pulmonary fibrosisâ€"mediator production and intracellular signal transduction. Clinical Immunology, 2010, 137, 89-101.	3.2	268
2	Recent Developments of Useful MALDI Matrices for the Mass Spectrometric Characterization of Lipids. Biomolecules, 2018, 8, 173.	4.0	141
3	Altered Immune Response in Mice Deficient for the G Protein-coupled Receptor GPR34. Journal of Biological Chemistry, 2011, 286, 2101-2110.	3.4	87
4	Metabolomic profiling reveals correlations between spermiogram parameters and the metabolites present in human spermatozoa and seminal plasma. PLoS ONE, 2019, 14, e0211679.	2.5	55
5	Exploring glyoxalase 1 expression in prostate cancer tissues: Targeting the enzyme by ethyl pyruvate defangs some malignancyâ€associated properties. Prostate, 2014, 74, 48-60.	2.3	35
6	A new update of MALDI-TOF mass spectrometry in lipid research. Progress in Lipid Research, 2022, 86, 101145.	11.6	30
7	Overexpression of S100A9 in obesity impairs macrophage differentiation via TLR4-NFkB-signaling worsening inflammation and wound healing. Theranostics, 2022, 12, 1659-1682.	10.0	28
8	Automated semen analysis by SQA VisionÂ® versus the manual approach-A prospective double-blind study. Andrologia, 2019, 51, e13149.	2.1	22
9	Phospholipases and Reactive Oxygen Species Derived Lipid Biomarkers in Healthy and Diseased Humans and Animals â€“ A Focus on Lysophosphatidylcholine. Frontiers in Physiology, 2021, 12, 732319.	2.8	22
10	Reduced Food Intake and Body Weight in Mice Deficient for the G Protein-Coupled Receptor GPR82. PLoS ONE, 2011, 6, e29400.	2.5	21
11	Swimming at different temperatures: The lipid composition of sperm from three freshwater fish species determined by mass spectrometry and nuclear magnetic resonance spectroscopy. Chemistry and Physics of Lipids, 2019, 221, 65-72.	3.2	20
12	What happens to the unsuccessful spermatozoa?. Andrology, 2018, 6, 335-344.	3.5	19
13	Chemical Profile and Antimicrobial Activity of the Fungus-Growing Termite Strain Macrotermes Bellicosus Used in Traditional Medicine in the Republic of Benin. Molecules, 2020, 25, 5015.	3.8	19
14	Deletion of Perilipin 5 Protects against Hepatic Injury in Nonalcoholic Fatty Liver Disease via Missing Inflammasome Activation. Cells, 2020, 9, 1346.	4.1	15
15	The Phospholipid Composition of Kangaroo Spermatozoa Verified by Mass Spectrometric Lipid Analysis. Lipids, 2017, 52, 857-869.	1.7	13
16	The value of coupling thin-layer chromatography to mass spectrometry in lipid research - a review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1185, 123001.	2.3	12
17	Sperm Lipid Composition in Early Diverged Fish Species: Internal vs. External Mode of Fertilization. Biomolecules, 2020, 10, 172.	4.0	11
18	Differences in the sperm metabolomes of smoking and nonsmoking men. Biology of Reproduction, 2021, 105, 1484-1493.	2.7	11

#	Article	IF	Citations
19	Normalâ€phase versus reversedâ€phase thinâ€layer chromatography (TLC) to monitor oxidized phosphatidylcholines by TLC/mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 60-65.	1.5	10
20	Mycobacterium tuberculosis Affects Protein and Lipid Content of Circulating Exosomes in Infected Patients Depending on Tuberculosis Disease State. Biomedicines, 2022, 10, 783.	3.2	10
21	A comparison of PC oxidation products as detected by MALDI-TOF and ESI-IT mass spectrometry. Chemistry and Physics of Lipids, 2017, 203, 33-45.	3.2	8
22	Different glycolipids in sperm from different freshwater fishes â€“ A highâ€performance thinâ€layer chromatography/electrospray ionization mass spectrometry study. Rapid Communications in Mass Spectrometry, 2020, 34, e8875.	1.5	8
23	Differences in the lipid patterns during maturation of 3T3-L1 adipocytes investigated by thin-layer chromatography, gas chromatography, and mass spectrometric approaches. Analytical and Bioanalytical Chemistry, 2020, 412, 2237-2249.	3.7	7
24	Visualizing phosphatidylcholine via mass spectrometry imaging: relevance to human health. Expert Review of Proteomics, 2018, 15, 791-800.	3.0	5
25	Seminal lipid profiling and antioxidant capacity: A species comparison. PLoS ONE, 2022, 17, e0264675.	2.5	4
26	Modification of sperm fatty acid composition during epididymal maturation in bats. Reproduction, 2019, 157, 77-85.	2.6	3
27	MALDI MS Analysis to Investigate the Lipid Composition of Sperm. Current Analytical Chemistry, 2020, 16, 79-91.	1.2	2
28	What Can MS, NMR, and TLC Tell Us About the Composition of Lipid Membranes?. Springer Protocols, 2020, , 59-82.	0.3	1
29	Electrospray Ionization Mass Spectrometry of Phospholipids. , 2019, , 1-9.		0