

# William J Griffiths

## List of Publications by Citations

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254  
papers

9,075  
citations

49  
h-index

84  
g-index

277  
ext. papers

10,313  
ext. citations

5.3  
avg, IF

6.22  
L-index

#	Paper	IF	Citations
254	Docosahexaenoic acid, a ligand for the retinoid X receptor in mouse brain. <i>Science</i> , <b>2000</b> , 290, 2140-4	33.3	644
253	Shorthand notation for lipid structures derived from mass spectrometry. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 1523-1530	6.3	531
252	The transcription factor STAT-1 couples macrophage synthesis of 25-hydroxycholesterol to the interferon antiviral response. <i>Immunity</i> , <b>2013</b> , 38, 106-18	32.3	258
251	Tandem mass spectrometry in the study of fatty acids, bile acids, and steroids. <i>Mass Spectrometry Reviews</i> , <b>2003</b> , 22, 81-152	11	253
250	Targeted metabolomics for biomarker discovery. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5426-45	16.4	248
249	Polyunsaturated fatty acids including docosahexaenoic and arachidonic acid bind to the retinoid X receptor alpha ligand-binding domain. <i>Molecular and Cellular Proteomics</i> , <b>2004</b> , 3, 692-703	7.6	223
248	Mass spectrometry: from proteomics to metabolomics and lipidomics. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 1882-96	58.5	179
247	Electrospray and tandem mass spectrometry in biochemistry. <i>Biochemical Journal</i> , <b>2001</b> , 355, 545-61	3.8	144
246	Release of metabolic enzymes by Giardia in response to interaction with intestinal epithelial cells. <i>Molecular and Biochemical Parasitology</i> , <b>2008</b> , 159, 85-91	1.9	135
245	Neurosteroids in rat brain: extraction, isolation, and analysis by nanoscale liquid chromatography-electrospray mass spectrometry. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 5835-46	7.8	123
244	Eoxins are proinflammatory arachidonic acid metabolites produced via the 15-lipoxygenase-1 pathway in human eosinophils and mast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 680-5	11.5	121
243	Update on LIPID MAPS classification, nomenclature, and shorthand notation for MS-derived lipid structures. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 1539-1555	6.3	119
242	DMSO-related effects in protein characterization. <i>Journal of Biomolecular Screening</i> , <b>2006</b> , 11, 131-7		110
241	Bile acids: analysis in biological fluids and tissues. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 23-41	6.3	102
240	Derivatisation for the characterisation of neutral oxosteroids by electrospray and matrix-assisted laser desorption/ionisation tandem mass spectrometry: the Girard P derivative. <i>Rapid Communications in Mass Spectrometry</i> , <b>2003</b> , 17, 924-35	2.2	96
239	Cholesterol 25-hydroxylase suppresses SARS-CoV-2 replication by blocking membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32105-32113	11.5	96
238	Cerebrospinal fluid steroidomics: are bioactive bile acids present in brain?. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 4666-79	5.4	94

237	Bile acids: analysis in biological fluids and tissues. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 23-41	6.3	94
236	Liquid chromatography-mass spectrometry utilizing multi-stage fragmentation for the identification of oxysterols. <i>Journal of Lipid Research</i> , <b>2007</b> , 48, 976-87	6.3	93
235	Analysis of oxysterols by electrospray tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2006</b> , 17, 341-62	3.5	92
234	Novel lipoidal derivatives of pregnenolone and dehydroepiandrosterone and absence of their sulfated counterparts in rodent brain. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 2287-302	6.3	91
233	Brain endogenous liver X receptor ligands selectively promote midbrain neurogenesis. <i>Nature Chemical Biology</i> , <b>2013</b> , 9, 126-33	11.7	88
232	Identification of immunoreactive proteins during acute human giardiasis. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 187, 1849-59	7	87
231	Pregnenolone sulfate in the brain: a controversial neurosteroid. <i>Neurochemistry International</i> , <b>2008</b> , 52, 522-40	4.4	86
230	Vernix caseosa as a multi-component defence system based on polypeptides, lipids and their interactions. <i>Cellular and Molecular Life Sciences</i> , <b>2005</b> , 62, 2390-9	10.3	85
229	Synthetic peptide-containing surfactants--evaluation of transmembrane versus amphipathic helices and surfactant protein C poly-valyl to poly-leucyl substitution. <i>FEBS Journal</i> , <b>1998</b> , 255, 116-24		77
228	Determination of dissociation constants for protein-ligand complexes by electrospray ionization mass spectrometry. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 4325-31	7.8	76
227	Lipidomics needs more standardization. <i>Nature Metabolism</i> , <b>2019</b> , 1, 745-747	14.6	74
226	Defective cholesterol metabolism in amyotrophic lateral sclerosis. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 267-278	6.3	73
225	Targeted metabolomics and mass spectrometry. <i>Advances in Protein Chemistry and Structural Biology</i> , <b>2010</b> , 80, 45-83	5.3	73
224	Characterisation of alpha-1 giardin: an immunodominant Giardia lamblia annexin with glycosaminoglycan-binding activity. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 1341-51	4.3	73
223	Cholestenic acids regulate motor neuron survival via liver X receptors. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 4829-42	15.9	69
222	Apolipoprotein CIII promotes Ca <sup>2+</sup> -dependent beta cell death in type 1 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 10090-4	11.5	69
221	Methods for oxysterol analysis: past, present and future. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 3-14	6	68
220	Quantitative charge-tags for sterol and oxysterol analysis. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 400-11	5.5	68

219	Analysis of oxosteroids by nano-electrospray mass spectrometry of their oximes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 390-400	2.2	67
218	Cholesterol metabolites exported from human brain. <i>Steroids</i> , <b>2015</b> , 99, 189-93	2.8	64
217	Analysis of neurosterols by GC-MS and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 2778-805	3.2	63
216	Discovering oxysterols in plasma: a window on the metabolome. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 3602-12	5.6	63
215	Characterization of troponin responses in isoproterenol-induced cardiac injury in the Hanover Wistar rat. <i>Toxicologic Pathology</i> , <b>2007</b> , 35, 606-17	2.1	61
214	The effect of 24S-hydroxycholesterol on cholesterol homeostasis in neurons: quantitative changes to the cortical neuron proteome. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 1606-14	5.6	60
213	Effects of a disrupted blood-brain barrier on cholesterol homeostasis in the brain. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 23712-22	5.4	59
212	Reduction of S-nitrosoglutathione by human alcohol dehydrogenase 3 is an irreversible reaction as analysed by electrospray mass spectrometry. <i>FEBS Journal</i> , <b>2003</b> , 270, 1249-56		57
211	Identification of unusual 7-oxygenated bile acid sulfates in a patient with Niemann-Pick disease, type C. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 1571-1577	6.3	57
210	Peptide repertoire of human cerebrospinal fluid: novel proteolytic fragments of neuroendocrine proteins. <i>Biomedical Applications</i> , <b>2001</b> , 754, 357-67		55
209	Alkaline hydrolysis of oxaliplatin--isolation and identification of the oxalato monodentate intermediate. <i>Journal of Pharmaceutical Sciences</i> , <b>2002</b> , 91, 2116-21	3.9	53
208	Prothioconazole and prothioconazole-desthio activities against <i>Candida albicans</i> sterol 14 $\alpha$ -demethylase. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 1639-45	4.8	52
207	A comprehensive machine-readable view of the mammalian cholesterol biosynthesis pathway. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 56-66	6	49
206	Analytical strategies for characterization of oxysterol lipidomes: liver X receptor ligands in plasma. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 59, 69-84	7.8	49
205	Multiple-approaches to the identification and quantification of cytochromes P450 in human liver tissue by mass spectrometry. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 1672-81	5.6	48
204	Potential of sterol analysis by liquid chromatography-tandem mass spectrometry for the prenatal diagnosis of Smith-Lemli-Opitz syndrome. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1317-24	5.5	48
203	Analysis of bile acids and bile alcohols in urine by capillary column liquid chromatography-mass spectrometry using fast atom bombardment or electrospray ionization and collision-induced dissociation. <i>Biomedical Chromatography</i> , <b>1997</b> , 11, 240-55	1.7	47
202	Liver disease in infancy caused by oxysterol 7 $\alpha$ -hydroxylase deficiency: successful treatment with chenodeoxycholic acid. <i>Journal of Inherited Metabolic Disease</i> , <b>2014</b> , 37, 851-61	5.4	46

201	Deletion of a xenobiotic metabolizing gene in mice affects folate metabolism. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 364, 556-60	3.4	46
200	Accurate mass measurement by electrospray ionization quadrupole mass spectrometry: detection of variants differing by . <i>Analytical Chemistry</i> , <b>2003</b> , 75, 1978-82	7.8	46
199	Nano-electrospray tandem mass spectrometry for the analysis of neurosteroid sulphates. <i>Rapid Communications in Mass Spectrometry</i> , <b>1999</b> , 13, 1595-610	2.2	46
198	New methods for analysis of oxysterols and related compounds by LC-MS. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2016</b> , 162, 4-26	5.1	45
197	Oxysterol research: a brief review. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 517-526	5.1	44
196	Matrix-assisted laser desorption/ionization high-energy collision-induced dissociation of steroids: analysis of oxysterols in rat brain. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 164-73	7.8	44
195	The energies of triplet states of CO <sub>2</sub> <sup>+</sup> and OCS <sub>2</sub> <sup>+</sup> ions. An experimental investigation by double-charge-transfer spectroscopy. <i>International Journal of Mass Spectrometry and Ion Processes</i> , <b>1989</b> , 87, 349-357		44
194	The role of microRNA-155/liver X receptor pathway in experimental and idiopathic pulmonary fibrosis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1946-1956	11.5	42
193	Comparative cytochrome P450 proteomics in the livers of immunodeficient mice using 18O stable isotope labeling. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 953-62	7.6	42
192	The palmitoyl groups of lung surfactant protein C reduce unfolding into a fibrillogenic intermediate. <i>Journal of Molecular Biology</i> , <b>2001</b> , 310, 937-50	6.5	42
191	On the formation of 7-ketocholesterol from 7-dehydrocholesterol in patients with CTX and SLO. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 1165-72	6.3	41
190	Analysis of bioactive oxysterols in newborn mouse brain by LC/MS. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 2469-83	6.3	41
189	Oxysterols in the brain of the cholesterol 24-hydroxylase knockout mouse. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 446, 768-74	3.4	38
188	The major metabolites of ursodeoxycholic acid in human urine are conjugated with N-acetylglucosamine. <i>Hepatology</i> , <b>1994</b> , 20, 845-53	11.2	38
187	Analysis of pregnenolone and dehydroepiandrosterone in rodent brain: cholesterol autoxidation is the key. <i>Journal of Lipid Research</i> , <b>2009</b> , 50, 2430-44	6.3	37
186	The mammalian alcohol dehydrogenases interact in several metabolic pathways. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 175-81	5	37
185	Current trends in oxysterol research. <i>Biochemical Society Transactions</i> , <b>2016</b> , 44, 652-8	5.1	37
184	Metabolomics and metabolite profiling: past heroes and future developments. <i>European Journal of Mass Spectrometry</i> , <b>2007</b> , 13, 45-50	1.1	36

183	Charge Remote Fragmentation of Fatty Acid Anions in 400 eV Collisions with Xenon Atoms. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 21-28	2.2	36
182	Cholesteromics: An update. <i>Analytical Biochemistry</i> , <b>2017</b> , 524, 56-67	3.1	35
181	Observation of an intact noncovalent homotrimer of detergent-solubilized rat microsomal glutathione transferase-1 by electrospray mass spectrometry. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 13311-6	5.4	35
180	Metabolic Network Analysis Reveals Altered Bile Acid Synthesis and Metabolism in Alzheimer's Disease. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100138	18	34
179	Analysis of neurosterols and neurosteroids by mass spectrometry. <i>Biochimie</i> , <b>2007</b> , 89, 182-91	4.6	33
178	Analysis of derivatised steroids by matrix-assisted laser desorption/ionisation and post-source decay mass spectrometry. <i>Steroids</i> , <b>2006</b> , 71, 42-53	2.8	33
177	An Interferon Regulated MicroRNA Provides Broad Cell-Intrinsic Antiviral Immunity through Multihit Host-Directed Targeting of the Sterol Pathway. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002364	9.7	33
176	Nano-liquid chromatography-tandem mass spectrometry analysis of oxysterols in brain: monitoring of cholesterol autoxidation. <i>Chemistry and Physics of Lipids</i> , <b>2011</b> , 164, 411-24	3.7	32
175	Antibacterial peptides in stimulated human granulocytes: characterization of ubiquitinated histone H1A. <i>FEBS Journal</i> , <b>2002</b> , 269, 512-8		32
174	A Comparison of Fast-atom Bombardment and Electrospray as Methods of Ionization in the Study of Sulphated- and Sulphonated-lipids by Tandem Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 1169-1174	2.2	31
173	Targeted lipidomic analysis of oxysterols in the embryonic central nervous system. <i>Molecular BioSystems</i> , <b>2009</b> , 5, 529-41		30
172	The identification of novel steroid N-acetylglucosaminides in the urine of pregnant women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1996</b> , 58, 585-98	5.1	30
171	Isolation and structure of a new galactolipid from oat seeds. <i>Lipids</i> , <b>1998</b> , 33, 355-63	1.6	29
170	Capillary liquid chromatography/electrospray mass spectrometry for analysis of steroid sulfates in biological samples. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 791-7	7.8	29
169	Double ionization energies of fluoromethanes measured using a double electron-capture technique. <i>International Journal of Mass Spectrometry and Ion Processes</i> , <b>1988</b> , 85, 69-79		28
168	Oxysterols as lipid mediators: Their biosynthetic genes, enzymes and metabolites. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2020</b> , 147, 106381	3.7	28
167	Analysis of oxysterol metabolomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 784-99	5	27
166	On the future of "omics": lipidomics. <i>Journal of Inherited Metabolic Disease</i> , <b>2011</b> , 34, 583-92	5.4	27

165	Analytical strategies for characterization of bile acid and oxysterol metabolomes. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 396, 80-4	3.4	27
164	A proteomic approach to the identification of cytochrome P450 isoforms in male and female rat liver by nanoscale liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Drug Metabolism and Disposition</i> , <b>2004</b> , 32, 382-6	4	27
163	Sterols and oxysterols in plasma from Smith-Lemli-Opitz syndrome patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 169, 77-87	5.1	26
162	Reduced Plasma Levels of 25-Hydroxycholesterol and Increased Cerebrospinal Fluid Levels of Bile Acid Precursors in Multiple Sclerosis Patients. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 8009-8020	6.2	26
161	Microsomal glutathione transferase 1 exhibits one-third-of-the-sites-reactivity towards glutathione. <i>Archives of Biochemistry and Biophysics</i> , <b>2009</b> , 487, 42-8	4.1	26
160	Characterization of carrot pectin methylesterase. <i>Cellular and Molecular Life Sciences</i> , <b>2002</b> , 59, 513-8	10.3	26
159	Gln-Gly cleavage: correlation between collision-induced dissociation and biological degradation. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2001</b> , 12, 337-42	3.5	26
158	Possible release of an ArgGlyArgProGln pentapeptide with innate immunity properties from acidic proline-rich proteins by proteolytic activity in commensal streptococcus and actinomyces species. <i>Infection and Immunity</i> , <b>2000</b> , 68, 5425-9	3.7	26
157	Localization of sterols and oxysterols in mouse brain reveals distinct spatial cholesterol metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5749-5760	11.5	26
156	Identification of cytochrome P450 enzymes in human colorectal metastases and the surrounding liver: a proteomic approach. <i>European Journal of Cancer</i> , <b>2004</b> , 40, 2127-34	7.5	25
155	Characterisation of variant forms of prophenin: mechanistic aspects of the fragmentation of proline-rich peptides. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 2182-202	2.2	25
154	The Biosynthesis of Enzymatically Oxidized Lipids. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 591819	5.7	25
153	Hydrogen/deuterium exchange and aggregation of a polyvaline and a polyleucine alpha-helix investigated by matrix-assisted laser desorption ionization mass spectrometry. <i>Molecular and Cellular Proteomics</i> , <b>2002</b> , 1, 592-7	7.6	24
152	Additional pathways of sterol metabolism: Evidence from analysis of Cyp27a1 <sup>-/-</sup> mouse brain and plasma. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 191-211	5	24
151	Proteomic analysis of cytochromes P450: a mass spectrometry approach. <i>Biochemical Society Transactions</i> , <b>2006</b> , 34, 1246-51	5.1	23
150	High-energy collision-induced dissociation of oxosteroids derivatised to Girard hydrazones. <i>European Journal of Mass Spectrometry</i> , <b>2004</b> , 10, 63-88	1.1	23
149	Experimental evidence for the stability of the NH <sub>4</sub> ., H <sub>3</sub> O., H <sub>3</sub> S., and H <sub>3</sub> . radicals by neutralization-reionization spectroscopy. <i>International Journal of Mass Spectrometry and Ion Processes</i> , <b>1987</b> , 77, 233-239		23
148	Elevated oxysterol levels in human and mouse livers reflect nonalcoholic steatohepatitis. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 1270-1283	6.3	22

147	Sterol lipidomics in health and disease: Methodologies and applications. <i>European Journal of Lipid Science and Technology</i> , <b>2009</b> , 111, 14-38	3	22
146	De novo sequencing of proteolytic peptides by a combination of C-terminal derivatization and nano-electrospray/collision-induced dissociation mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2000</b> , 11, 673-86	3.5	22
145	Evidence for protein dolichylation. <i>FEBS Letters</i> , <b>1997</b> , 416, 235-8	3.8	21
144	Demonstration of leukotriene-C4 synthase in platelets and species distribution of the enzyme activity. <i>FEBS Journal</i> , <b>1998</b> , 251, 227-35		21
143	The antimicrobial peptide LL-37 binds to the human plasma protein apolipoprotein A-I. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 588-9	2.2	21
142	Electrospray tandem mass spectrometry of intact beta-chain hemoglobin variants. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 2097-102	7.8	21
141	Double ionisation energy of methane measured using a double electron capture technique. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1987</b> , 20, L493-L497		21
140	24(),25-Epoxycholesterol and () overexpression promote midbrain dopaminergic neurogenesis. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 4169-4176	5.4	20
139	Identification of unusual oxysterols and bile acids with 7-oxo or 3,5,6-trihydroxy functions in human plasma by charge-tagging mass spectrometry with multistage fragmentation. <i>Journal of Lipid Research</i> , <b>2018</b> , 59, 1058-1070	6.3	20
138	An update on oxysterol biochemistry: New discoveries in lipidomics. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 504, 617-622	3.4	20
137	An assay combining high-performance liquid chromatography and mass spectrometry to measure DNA interstrand cross-linking efficiency in oligonucleotides of varying sequences. <i>Analytical Biochemistry</i> , <b>2008</b> , 374, 173-81	3.1	20
136	On-column electrochemical reactions accompanying the electrospray process. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 1022-30	7.8	20
135	Characterization of conjugated metabolites of benzo[a]pyrene in germ-free rat urine by liquid chromatography/electrospray tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>1999</b> , 12, 1182-9	4	20
134	Analysis of Dolichols and Polyprenols and Their Derivatives by Electron Impact, Fast Atom Bombardment and Electrospray Ionization Tandem Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 663-675	2.2	20
133	Metabolism of Non-Enzymatically Derived Oxysterols: Clues from sterol metabolic disorders. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 144, 124-133	7.8	19
132	Analysis by liquid chromatography-mass spectrometry of sterols and oxysterols in brain of the newborn Dhcr7(B-5/T93M) mouse: a model of Smith-Lemli-Opitz syndrome. <i>Biochemical Pharmacology</i> , <b>2013</b> , 86, 43-55	6	19
131	Capillary liquid chromatography combined with tandem mass spectrometry for the study of neurosteroids and oxysterols in brain. <i>Neurochemistry International</i> , <b>2008</b> , 52, 506-21	4.4	19
130	Hodgkin Reed-Sternberg cells express 15-lipoxygenase-1 and are putative producers of eoxins in vivo: novel insight into the inflammatory features of classical Hodgkin lymphoma. <i>FEBS Journal</i> , <b>2008</b> , 275, 4222-34	5.7	19



129	Porcine pulmonary surfactant preparations contain the antibacterial peptide prophenin and a C-terminal 18-residue fragment thereof. <i>FEBS Letters</i> , <b>1999</b> , 460, 257-62	3.8	19
128	The oxysterol and cholestenic acid profile of mouse cerebrospinal fluid. <i>Steroids</i> , <b>2015</b> , 99, 172-7	2.8	18
127	Spectroscopic Methods of Steroid Analysis <b>2010</b> , 27-161		18
126	Quantitative proteomics characterization of a mouse embryonic stem cell model of Down syndrome. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 585-95	7.6	18
125	Electrospray-collision-induced dissociation mass spectrometry of mono-, di- and tri-hydroxylated lipoxygenase products, including leukotrienes of the B-series and lipoxins. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 183-96	2.2	18
124	Comparison of the composition of bile acids in bile of patients with adenocarcinoma of the pancreas and benign disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 174, 290-295	5.1	17
123	Components derived from Pelargonium stimulate macrophage killing of Mycobacterium species. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 106, 1184-93	4.7	17
122	Electrospray tandem mass spectrometry in the rapid identification of alpha-chain haemoglobin variants. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 1184-94	2.2	17
121	Charge-remote fragmentation of sulphated and glucuronidated bile acids and their 2-aminoethanesulphonic acid derivatives. <i>Rapid Communications in Mass Spectrometry</i> , <b>1994</b> , 8, 227-236	2.2	17
120	The benzene dication: Energies of excited states determined by double-charge-transfer spectroscopy using OH <sup>+</sup> and F <sup>+</sup> projectile ions. <i>Chemical Physics</i> , <b>1991</b> , 157, 299-304	2.3	17
119	Concentrations of bile acid precursors in cerebrospinal fluid of Alzheimer's disease patients. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 134, 42-52	7.8	17
118	Dolichol-like lipids with stimulatory effect on DNA synthesis: Substrates for protein dolichylation? <b>1998</b> , 71, 502-514		16
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