Andrew W Nicholls

List of Publications by Year
in descending order

34 papers	8,817 citations	257101 24 h-index	377514 34 g-index
34 all docs	34 docs citations	34 times ranked	13232 citing authors

#	Article	IF	Citations
1	Decrease in Myelin-Associated Lipids Precedes Neuronal Loss and Glial Activation in the CNS of the Sandhoff Mouse as Determined by Metabolomics. Metabolites, 2021, 11, 18.	1.3	5
2	Metabolism and Effects on Endogenous Metabolism of Paracetamol (Acetaminophen) in a Porcine Model of Liver Failure. Toxicological Sciences, 2020, 175, 87-97.	1.4	13
3	Alterations in endo-lysosomal function induce similar hepatic lipid profiles in rodent models of drug-induced phospholipidosis and Sandhoff disease. Journal of Lipid Research, 2017, 58, 1306-1314.	2.0	11
4	Metabolomics dataset of PPAR-pan treated rat liver. Data in Brief, 2016, 8, 196-202.	0.5	1
5	PPAR-pan activation induces hepatic oxidative stress and lipidomic remodelling. Free Radical Biology and Medicine, 2016, 95, 357-368.	1.3	22
6	Molecular phenotyping of a UK population: defining the human serum metabolome. Metabolomics, 2015, 11, 9-26.	1.4	202
7	Realising the potential of metabolomics. Bioanalysis, 2012, 4, 2195-2197.	0.6	8
8	The importance of experimental design and QC samples in large-scale and MS-driven untargeted metabolomic studies of humans. Bioanalysis, 2012, 4, 2249-2264.	0.6	382
9	Procedures for large-scale metabolic profiling of serum and plasma using gas chromatography and liquid chromatography coupled to mass spectrometry. Nature Protocols, 2011, 6, 1060-1083.	5.5	2,236
10	The contrasting roles of PPARÎ´ and PPARÎ³ in regulating the metabolic switch between oxidation and storage of fats in white adipose tissue. Genome Biology, 2011, 12, R75.	13.9	85
11	1H NMR Spectroscopy-Based Metabolomic Assessment of Uremic Toxicity, with Toxicological Outcomes, in Male Rats Following an Acute, Mid-Life Insult from Ochratoxin A. Toxins, 2011, 3, 504-519.	1.5	16
12	Increased hepatic oxidative metabolism distinguishes the action of Peroxisome proliferator-activated receptor Î´ from Peroxisome proliferator-activated receptor Î³ in the ob/ob mouse. Genome Medicine, 2009, 1, 115.	3.6	32
13	Metabolic phenotyping of a model of adipocyte differentiation. Physiological Genomics, 2009, 39, 109-119.	1.0	78
14	Standard reporting requirements for biological samples in metabolomics experiments: mammalian/inÂvivo experiments. Metabolomics, 2007, 3, 179-188.	1.4	67
15	Proposed minimum reporting standards for chemical analysis. Metabolomics, 2007, 3, 211-221.	1.4	3,589
16	Metabolomics as a functional genomic tool for understanding lipid dysfunction in diabetes, obesity and related disorders. Pharmacogenomics, 2006, 7, 1095-1107.	0.6	117
17	Personalized medicine progresses. Nature Medicine, 2006, 12, 510-511.	15.2	21
18	Comparative metabonomics of differential hydrazine toxicity in the rat and mouse. Toxicology and Applied Pharmacology, 2005, 204, 135-151.	1.3	125

#	Article	IF	Citations
19	Integrated Metabonomic Analysis of the Multiorgan Effects of Hydrazine Toxicity in the Rat. Chemical Research in Toxicology, 2005, 18, 115-122.	1.7	464
20	Automatic alignment of individual peaks in large high-resolution spectral data sets. Journal of Magnetic Resonance, 2004, 170, 329-335.	1.2	88
21	Use of Metabonomics to Identify Impaired Fatty Acid Metabolism as the Mechanism of a Drug-Induced Toxicity. Chemical Research in Toxicology, 2004, 17, 165-173.	1.7	148
22	NMR Spectroscopic-Based Metabonomic Studies of Urinary Metabolite Variation in Acclimatizing Germ-Free Rats. Chemical Research in Toxicology, 2003, 16, 1395-1404.	1.7	211
23	Metabolic profiling of rodent biological fluids via 1H NMR spectroscopy using a 1 mm microlitre probe. Analyst, The, 2002, 127, 582-584.	1.7	48
24	Metabonomic Investigations into Hydrazine Toxicity in the Rat. Chemical Research in Toxicology, 2001, 14, 975-987.	1.7	179
25	Temperature calibration of a high-resolution magic-angle spinning NMR probe for analysis of tissue samples. Magnetic Resonance in Chemistry, 2001, 39, 773-776.	1.1	14
26	Chemometric Models for Toxicity Classification Based on NMR Spectra of Biofluids. Chemical Research in Toxicology, 2000, 13, 471-478.	1.7	277
27	Directly-coupled HPLC-NMR spectroscopic studies of metabolism and futile deacetylation of phenacetin in the rat. Journal of Pharmaceutical and Biomedical Analysis, 1999, 20, 865-873.	1.4	19
28	The identification of novel biomarkers of renal toxicity using automatic data reduction techniques and PCA of proton NMR spectra of urine. Chemometrics and Intelligent Laboratory Systems, 1998, 44, 245-255.	1.8	143
29	Flow Injection Proton Nuclear Magnetic Resonance Spectroscopy Combined With Pattern Recognition Methods: Implications for Rapid Structural Studies and High Throughput Biochemical Screening. Analytical Communications, 1997, 34, 339-341.	2.2	56
30	NMR and HPLC-NMR spectroscopic studies of futile deacetylation in paracetamol metabolites in rat and man. Journal of Pharmaceutical and Biomedical Analysis, 1997, 15, 901-910.	1.4	25
31	Direct observation of resolved intracellular and extracellular water signals in intact human red blood cells using1H MAS NMR spectroscopy. Magnetic Resonance in Medicine, 1997, 38, 334-336.	1.9	40
32	NMR Spectroscopic and Theoretical Chemistry Studies on the Internal Acyl Migration Reactions of the 1-O-Acyl-î²-d-glucopyranuronate Conjugates of 2-, 3-, and 4-(Trifluoromethyl)benzoic Acids. Chemical Research in Toxicology, 1996, 9, 1414-1424.	1.7	37
33	High-performance liquid chromatography directly coupled to 19F and 1H NMR for the analysis of mixtures of isomeric ester glucuronide conjugates of trifluoromethylbenzoic acids. Journal of Chromatography A, 1996, 728, 377-385.	1.8	25
34	High resolution NMR spectroscopic studies on the metabolism and futile deacetylation of 4-hydroxyacetanilide (paracetamol) in the rat. Biochemical Pharmacology, 1995, 49, 1155-1164.	2.0	33