

Nicholas V Reo

List of Publications by Year in descending order

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28
papers

1,176
citations

623734

14
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR-BASED METABOLOMICS. <i>Drug and Chemical Toxicology</i> , 2002, 25, 375-382.	2.3	243
2	Altered gut microbial energy and metabolism in children with non-alcoholic fatty liver disease. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-9.	2.7	232
3	Dynamic adaptive binning: an improved quantification technique for NMR spectroscopic data. <i>Metabolomics</i> , 2011, 7, 179-190.	3.0	108
4	Kinetic analyses of liver phosphatidylcholine and phosphatidylethanolamine biosynthesis using ¹³ C NMR spectroscopy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1580, 171-188.	2.4	97
5	The networks of human gut microbiome metabolite associations are different between health and irritable bowel syndrome. <i>ISME Journal</i> , 2015, 9, 1899-1903.	9.8	76
6	Influence of Carbon Chain Length on the Hepatic Effects of Perfluorinated Fatty Acids. A ¹⁹ F- and ³¹ P-NMR Investigation. <i>Chemical Research in Toxicology</i> , 1996, 9, 689-695.	3.3	59
7	Gaussian binning: a new kernel-based method for processing NMR spectroscopic data for metabolomics. <i>Metabolomics</i> , 2008, 4, 261-272.	3.0	59
8	Evidence that Plasmalogen is Protective Against Oxidative Stress in the Rat Brain. <i>Neurochemical Research</i> , 2006, 31, 639-656.	3.3	54
9	Effects of Peroxisome Proliferators on Rat Liver Phospholipids: A Sphingomyelin Degradation May Be Involved in Hepatotoxic Mechanism of Perfluorodecanoic Acid. <i>Chemical Research in Toxicology</i> , 1998, 11, 428-440.	3.3	33
10	A comparative toxicological investigation of perfluorocarboxylic acids in rats by fluorine-19 NMR spectroscopy. <i>Chemical Research in Toxicology</i> , 1992, 5, 512-519.	3.3	32
11	Simultaneous fecal microbial and metabolite profiling enables accurate classification of pediatric irritable bowel syndrome. <i>Microbiome</i> , 2015, 3, 73.	11.1	22
12	Evaluation of acute brain edema using quantitative magnetic resonance imaging: Effects of pretreatment with dexamethasone. <i>Magnetic Resonance in Medicine</i> , 1992, 24, 64-74.	3.0	19
13	A piezoelectric respiratory monitor for in vivo nmr. <i>Magnetic Resonance in Medicine</i> , 1992, 27, 338-342.	3.0	15
14	Administration of Myo-inositol Plus Ethanolamine Elevates Phosphatidylethanolamine Plasmalogen in the Rat Cerebellum. <i>Neurochemical Research</i> , 2005, 30, 47-60.	3.3	14
15	Intestinal Epithelial Cells Regulate Gut Eotaxin Responses and Severity of Allergy. <i>Frontiers in Immunology</i> , 2018, 9, 1692.	4.8	14
16	Effect of the Peroxisome Proliferator Perfluoro-n-decanoic Acid on Glucose Transport in the Isolated Perfused Rat Liver. <i>Chemical Research in Toxicology</i> , 1995, 8, 77-81.	3.3	13
17	Studies of Myo-inositol and Plasmalogen Metabolism in Rat Brain. <i>Neurochemical Research</i> , 2004, 29, 843-855.	3.3	12
18	Effects of the peroxisome proliferator perfluoro-n-decanoic acid on hepatic gluconeogenesis and glycogenesis: A carbon-13 NMR investigation. <i>Chemical Research in Toxicology</i> , 1994, 7, 15-22.	3.3	11

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19	NMR Spectroscopic Analyses of Liver Phosphatidylcholine and Phosphatidylethanolamine Biosynthesis in Rats Exposed to Peroxisome Proliferators—A Class of Nongenotoxic Hepatocarcinogens. <i>Toxicology and Applied Pharmacology</i> , 2000, 164, 113-126.	2.8	11
20	Dose—response hepatotoxicity of the peroxisome proliferator, perfluorodecanoic acid and the relationship to phospholipid metabolism in rats. <i>Toxicology</i> , 1999, 134, 179-195.	4.2	10
21	Characterization of 1H NMR spectroscopic data and the generation of synthetic validation sets. <i>Bioinformatics</i> , 2009, 25, 2992-3000.	4.1	9
22	A generalized model for metabolomic analyses: application to dose and time dependent toxicity. <i>Metabolomics</i> , 2011, 7, 206-216.	3.0	9
23	Urinary Metabolites as Predictors of Acute Mountain Sickness Severity. <i>Frontiers in Physiology</i> , 2021, 12, 709804.	2.8	8
24	Influence of <i>Myo</i> -inositol Plus Ethanolamine on Plasmalogens and Cell Viability during Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2019, 32, 265-284.	3.3	7
25	Development of analytical methods for NMR spectra and application to a 13C toxicology study. <i>Metabolomics</i> , 2009, 5, 253-262.	3.0	6
26	A Proposed Statistical Protocol for the Analysis of Metabolic Toxicological Data Derived from NMR Spectroscopy. , 2007, , .		1
27	Furosemide enhances the sensitivity of urinary metabolomics for assessment of kidney function. <i>Metabolomics</i> , 2017, 13, 1.	3.0	1
28	Lipid, water, and protein composition to facilitate kinetic modeling of the auditory pathway. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 53-59.	2.7	1