

# Palmira Villa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1942824/publications.pdf>

Version: 2024-02-01

18  
papers

317  
citations

933447

10  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

556  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel R-package graphic user interface for the analysis of metabonomic profiles. BMC Bioinformatics, 2009, 10, 363.	2.6	54
2	Descriptive review of current NMR-based metabolomic data analysis packages. Progress in Nuclear Magnetic Resonance Spectroscopy, 2011, 59, 263-270.	7.5	51
3	<sup>1</sup> H- <sup>13</sup> C NMR study of smoked Atlantic salmon ( <i>Salmo salar</i> ). Magnetic Resonance in Chemistry, 2010, 48, 693-703.	1.9	41
4	Automatic tuning and matching of a small multifrequency saddle coil at 4.7 T. Magnetic Resonance in Medicine, 2004, 51, 869-873.	3.0	22
5	A Contribution to the Harmonization of Non-targeted NMR Methods for Data-Driven Food Authenticity Assessment. Food Analytical Methods, 2020, 13, 530-541.	2.6	21
6	Analyzing the effects of a single episode of neonatal maternal deprivation on metabolite profiles in rat brain: a proton nuclear magnetic resonance spectroscopy study. Neuroscience, 2012, 201, 12-19.	2.3	20
7	Metabolomic differences between COVID-19 and H1N1 influenza induced ARDS. Critical Care, 2021, 25, 390.	5.8	20
8	<sup>1</sup> H- <sup>13</sup> C NMR study of cold smoked Atlantic salmon ( <i>Salmo salar</i> ) treated with E-beam. Magnetic Resonance in Chemistry, 2013, 51, 350-357.	1.9	15
9	Covalent modification of franckeite with maleimides: connecting molecules and van der Waals heterostructures. Nanoscale Horizons, 2021, 6, 551-558.	8.0	14
10	Relevance of control diet choice in metabolic studies: impact in glucose homeostasis and vascular function. Scientific Reports, 2020, 10, 2902.	3.3	12
11	Fluorine Labeling of Nanoparticles and In Vivo <sup>19</sup> F Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2021, 13, 12941-12949.	8.0	12
12	A metabonomic approach to evaluate COPD in a model of cigarette smoke exposure in mice. Metabolomics, 2010, 6, 564-573.	3.0	8
13	Mild and Short-Term Caloric Restriction Prevents Obesity-Induced Cardiomyopathy in Young Zucker Rats without Changing in Metabolites and Fatty Acids Cardiac Profile. Frontiers in Physiology, 2017, 8, 42.	2.8	8
14	A dual <sup>1</sup> H/ <sup>19</sup> F birdcage coil for small animals at 7T MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 79-87.	2.0	7
15	A fully MRI-compatible animal ventilator for special-gas mixing applications. Concepts in Magnetic Resonance Part B, 2005, 26B, 93-103.	0.7	5
16	Probe efficiency improvement with remote and transmission line tuning and matching. Magnetic Resonance Imaging, 1999, 17, 1083-1086.	1.8	4
17	Magnetic resonance spectrometer controller and data postprocessing software. , 2003, 16B, 1-14.		2
18	NMR-Based Metabolomics. , 2021, , 353-369.		1