Jose Rodrguez-Morat

List of Publications by Year in Descending Order

37 papers	762 citations	17 h-index	27 g-index
41 ext. papers	986 ext. citations	5.6 avg, IF	4.34 L-index

#	Paper	IF	Citations
37	Untargeted detection of the carbonyl metabolome by chemical derivatization and liquid chromatography-tandem mass spectrometry in precursor ion scan mode: Elucidation of COVID-19 severity biomarkers.. *Analytica Chimica Acta*, **2022**, 1196, 339405	6.6	0
36	ChREBP-driven DNL and PNPLA3 Expression Induced by Liquid Fructose Are Essential in the Production of Fatty Liver and Hypertriglyceridemia in a High-fat Diet-fed Rat Model.. *Molecular Nutrition and Food Research*, **2022**, e2101115	5.9	0
35	Metabolic Signatures Associated with Severity in Hospitalized COVID-19 Patients. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	28
34	Glutamine-Directed Migration of Cancer-Activated Fibroblasts Facilitates Epithelial Tumor Invasion. *Cancer Research*, **2021**, 81, 438-451	10.1	12
33	Contribution of Biotransformations Carried Out by the Microbiota, Drug-Metabolizing Enzymes, and Transport Proteins to the Biological Activities of Phytochemicals Found in the Diet. *Advances in Nutrition*, **2021**, 12, 2172-2189	10	2
32	Comparison of the Postprandial Metabolic Fate of U-C Stearic Acid and U-C Oleic Acid in Postmenopausal Women. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 2953-2964	9.4	2
31	Beer Phenolic Composition of Simple Phenols, Prenylated Flavonoids and Alkylresorcinols. *Molecules*, **2020**, 25,	4.8	18
30	Protective effects of mirtazapine in mice lacking the Mbnl2 gene in forebrain glutamatergic neurons: Relevance for myotonic dystrophy 1. *Neuropharmacology*, **2020**, 170, 108030	5.5	3
29	Simplified method for the measurement of plasma alkylresorcinols: Biomarkers of whole-grain intake. *Rapid Communications in Mass Spectrometry*, **2020**, 34, e8805	2.2	1
28	Nutrition and Gastrointestinal Microbiota, Microbial-Derived Secondary Bile Acids, and Cardiovascular Disease. *Current Atherosclerosis Reports*, **2020**, 22, 47	6	11
27	Effects of a Low Dose of Caffeine Alone or as Part of a Green Coffee Extract, in a Rat Dietary Model of Lean Non-Alcoholic Fatty Liver Disease without Inflammation. *Nutrients*, **2020**, 12,	6.7	6
26	Exploring changes in the human gut microbiota and microbial-derived metabolites in response to diets enriched in simple, refined, or unrefined carbohydrate-containing foods: a post hoc analysis of a randomized clinical trial. *American Journal of Clinical Nutrition*, **2020**, 112, 1631-1641	7	2
25	Bariatric surgery and LDL cholesterol (BASALTO) trial study protocol: randomised controlled study evaluating the effect of gastric bypass versus sleeve gastrectomy on high LDL cholesterol. *BMJ Open*, **2020**, 10, e037712	3	
24	Cardiovascular benefits of tyrosol and its endogenous conversion into hydroxytyrosol in humans. A randomized, controlled trial. *Free Radical Biology and Medicine*, **2019**, 143, 471-481	7.8	18
23	Comparison of diets enriched in stearic, oleic, and palmitic acids on inflammation, immune response, cardiometabolic risk factors, and fecal bile acid concentrations in mildly hypercholesterolemic postmenopausal women-randomized crossover trial. *American Journal of*	7	27
22	Abstract P285: Development of a Simplified Method for the Measurement of Plasma Alkylresorcinols as a Biomarker of Whole Grain Intake and Application to a Human Clinical Trial Evaluating the Effect of Carbohydrate Quality on Cardiometabolic Risk Factors. *Circulation*, **2019**, 139,	16.7	1
21	Short- and medium-term impact of bariatric surgery on the activities of CYP2D6, CYP3A4, CYP2C9, and CYP1A2 in morbid obesity. *Scientific Reports*, **2019**, 9, 20405	4.9	10

20	Data on the endogenous conversion of tyrosol into hydroxytyrosol in humans. *Data in Brief*, **2019**, 27, 104787	1.2	4
19	Quantification of endogenous neurotransmitters and related compounds by liquid chromatography coupled to tandem mass spectrometry. *Talanta*, **2019**, 192, 93-102	6.2	29
18	Targeting human urinary metabolome by LC-MS/MS: a review. *Bioanalysis*, **2018**, 10, 489-516	2.1	24
17	Cranberries attenuate animal-based diet-induced changes in microbiota composition and functionality: a randomized crossover controlled feeding trial. *Journal of Nutritional Biochemistry*, **2018**, 62, 76-86	6.3	51
16	The combination of MDPV and ethanol results in decreased cathinone and increased alcohol levels. Study of such pharmacological interaction. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 76, 19-28	5.5	5
15	Pharmacokinetics in Morbid Obesity: Influence of Two Bariatric Surgery Techniques on Paracetamol and Caffeine Metabolism. *Obesity Surgery*, **2017**, 27, 3194-3201	3.7	17
14	Answer to the Letter to the Editor Concerning "Pharmacokinetics in Morbid Obesity: Influence of Two Bariatric Surgery Techniques on Paracetamol and Caffeine Metabolism". *Obesity Surgery*, **2017**, 27, 3006-3007	3.7	
13	CYP2D6 and CYP2A6 biotransform dietary tyrosol into hydroxytyrosol. *Food Chemistry*, **2017**, 217, 716-725	5	21
12	Modulation of Nrf2 by Olive Oil and Wine Polyphenols and Neuroprotection. *Antioxidants*, **2017**, 6,	7.1	51
11	Potential Role of (-)-Epigallocatechin-3-Gallate (EGCG) in the Secondary Prevention of Alzheimer Disease. *Current Drug Targets*, **2017**, 18, 174-195	3	43
10	Analysis of free hydroxytyrosol in human plasma following the administration of olive oil. *Journal of Chromatography A*, **2016**, 1437, 183-190	4.5	35
9	Hydroxytyrosol is more a more potent antioxidant than tyrosol. *FASEB Journal*, **2016**, 30, 404.8	0.9	
8	VNTR-DAT1 and COMTVal158Met Genotypes Modulate Mental Flexibility and Adaptive Behavior Skills in Down Syndrome. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 193	3.5	8
7	Metabolic disposition and biological significance of simple phenols of dietary origin: hydroxytyrosol and tyrosol. *Drug Metabolism Reviews*, **2016**, 48, 218-36	7	90
6	Moderate consumption of wine, through both its phenolic compounds and alcohol content, promotes hydroxytyrosol endogenous generation in humans. A randomized controlled trial. *Molecular Nutrition and Food Research*, **2015**, 59, 1213-6	5.9	27
5	Pharmacokinetic Comparison of Soy Isoflavone Extracts in Human Plasma. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 6946-53	5.7	21
4	Potential role of olive oil phenolic compounds in the prevention of neurodegenerative diseases. *Molecules*, **2015**, 20, 4655-80	4.8	143
3	Evaluation of the Pathways Involved in the in vivo Biotransformation of Tyrosol into Hydroxytyrosol. *FASEB Journal*, **2015**, 29, 606.7	0.9	1

2	A convenient iodination of indoles and derivatives. *Tetrahedron*, **2012**, 68, 6269-6275	2.4	13
1	Straightforward synthesis of nitroolefins by microwave- or ultrasound-assisted Henry reaction. *Tetrahedron Letters*, **2011**, 52, 2629-2632	2	37