

# Jose Rodrguez-Morat

## List of Publications by Citations

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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	Potential role of olive oil phenolic compounds in the prevention of neurodegenerative diseases. <i>Molecules</i> , <b>2015</b> , 20, 4655-80	4.8	143
36	Metabolic disposition and biological significance of simple phenols of dietary origin: hydroxytyrosol and tyrosol. <i>Drug Metabolism Reviews</i> , <b>2016</b> , 48, 218-36	7	90
35	Modulation of Nrf2 by Olive Oil and Wine Polyphenols and Neuroprotection. <i>Antioxidants</i> , <b>2017</b> , 6,	7.1	51
34	Cranberries attenuate animal-based diet-induced changes in microbiota composition and functionality: a randomized crossover controlled feeding trial. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 62, 76-86	6.3	51
33	Potential Role of (-)-Epigallocatechin-3-Gallate (EGCG) in the Secondary Prevention of Alzheimer Disease. <i>Current Drug Targets</i> , <b>2017</b> , 18, 174-195	3	43
32	Straightforward synthesis of nitroolefins by microwave- or ultrasound-assisted Henry reaction. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2629-2632	2	37
31	Analysis of free hydroxytyrosol in human plasma following the administration of olive oil. <i>Journal of Chromatography A</i> , <b>2016</b> , 1437, 183-190	4.5	35
30	Quantification of endogenous neurotransmitters and related compounds by liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , <b>2019</b> , 192, 93-102	6.2	29
29	Metabolic Signatures Associated with Severity in Hospitalized COVID-19 Patients. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	28
28	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. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 305-315	7	27
27	Moderate consumption of wine, through both its phenolic compounds and alcohol content, promotes hydroxytyrosol endogenous generation in humans. A randomized controlled trial. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1213-6	5.9	27
26	Targeting human urinary metabolome by LC-MS/MS: a review. <i>Bioanalysis</i> , <b>2018</b> , 10, 489-516	2.1	24
25	Pharmacokinetic Comparison of Soy Isoflavone Extracts in Human Plasma. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 6946-53	5.7	21
24	CYP2D6 and CYP2A6 biotransform dietary tyrosol into hydroxytyrosol. <i>Food Chemistry</i> , <b>2017</b> , 217, 716-785	7.8	21
23	Cardiovascular benefits of tyrosol and its endogenous conversion into hydroxytyrosol in humans. A randomized, controlled trial. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 143, 471-481	7.8	18
22	Beer Phenolic Composition of Simple Phenols, Prenylated Flavonoids and Alkylresorcinols. <i>Molecules</i> , <b>2020</b> , 25,	4.8	18
21	Pharmacokinetics in Morbid Obesity: Influence of Two Bariatric Surgery Techniques on Paracetamol and Caffeine Metabolism. <i>Obesity Surgery</i> , <b>2017</b> , 27, 3194-3201	3.7	17

20	A convenient iodination of indoles and derivatives. <i>Tetrahedron</i> , <b>2012</b> , 68, 6269-6275	2.4	13
19	Glutamine-Directed Migration of Cancer-Activated Fibroblasts Facilitates Epithelial Tumor Invasion. <i>Cancer Research</i> , <b>2021</b> , 81, 438-451	10.1	12
18	Nutrition and Gastrointestinal Microbiota, Microbial-Derived Secondary Bile Acids, and Cardiovascular Disease. <i>Current Atherosclerosis Reports</i> , <b>2020</b> , 22, 47	6	11
17	Short- and medium-term impact of bariatric surgery on the activities of CYP2D6, CYP3A4, CYP2C9, and CYP1A2 in morbid obesity. <i>Scientific Reports</i> , <b>2019</b> , 9, 20405	4.9	10
16	VNTR-DAT1 and COMTVal158Met Genotypes Modulate Mental Flexibility and Adaptive Behavior Skills in Down Syndrome. <i>Frontiers in Behavioral Neuroscience</i> , <b>2016</b> , 10, 193	3.5	8
15	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. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
14	The combination of MDPV and ethanol results in decreased cathinone and increased alcohol levels. Study of such pharmacological interaction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 76, 19-28	5.5	5
13	Data on the endogenous conversion of tyrosol into hydroxytyrosol in humans. <i>Data in Brief</i> , <b>2019</b> , 27, 104787	1.2	4
12	Protective effects of mirtazapine in mice lacking the Mbnl2 gene in forebrain glutamatergic neurons: Relevance for myotonic dystrophy 1. <i>Neuropharmacology</i> , <b>2020</b> , 170, 108030	5.5	3
11	Comparison of the Postprandial Metabolic Fate of U-C Stearic Acid and U-C Oleic Acid in Postmenopausal Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 2953-2964	9.4	2
10	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. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 1631-1641	7	2
9	Contribution of Biotransformations Carried Out by the Microbiota, Drug-Metabolizing Enzymes, and Transport Proteins to the Biological Activities of Phytochemicals Found in the Diet. <i>Advances in Nutrition</i> , <b>2021</b> , 12, 2172-2189	10	2
8	Simplified method for the measurement of plasma alkylresorcinols: Biomarkers of whole-grain intake. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8805	2.2	1
7	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. <i>Circulation</i> , <b>2019</b> , 139,	16.7	1
6	Evaluation of the Pathways Involved in the in vivo Biotransformation of Tyrosol into Hydroxytyrosol. <i>FASEB Journal</i> , <b>2015</b> , 29, 606.7	0.9	1
5	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.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1196, 339405	6.6	0
4	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.. <i>Molecular Nutrition and Food Research</i> , <b>2022</b> , e2101115	5.9	0
3	Answer to the Letter to the Editor Concerning "Pharmacokinetics in Morbid Obesity: Influence of Two Bariatric Surgery Techniques on Paracetamol and Caffeine Metabolism". <i>Obesity Surgery</i> , <b>2017</b> , 27, 3006-3007	3.7	

2 Hydroxytyrosol is more a more potent antioxidant than tyrosol. *FASEB Journal*, **2016**, 30, 404.8 0.9

1 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