

# Raquel B GÃ³mez-Coca

## List of Publications by Year in descending order

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33  
papers

585  
citations

623734

14  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oil From Three Aguaje Morphotypes ( <i>Mauritia flexuosa</i> L.f.) Extracted by Supercritical Fluid With CO <sub>2</sub> : Chemical Composition and Chromatic Properties. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	3.9	4
2	Fatty acid ethyl esters (FAEE) in virgin olive oil: A shorter and full validated approach as an alternative to the EU Official Method. <i>Food Chemistry</i> , 2022, 394, 133300.	8.2	1
3	Comparison of Four Oil Extraction Methods for Sinami Fruit ( <i>Oenocarpus mapora</i> H. Karst): Evaluating Quality, Polyphenol Content and Antioxidant Activity. <i>Foods</i> , 2022, 11, 1518.	4.3	7
4	Characterization of kabylia virgin olive oils according to fatty alcohols, waxes, and fatty acid alkyl esters. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4960.	3.2	2
5	Pyropheophytin a in Soft Deodorized Olive Oils. <i>Foods</i> , 2020, 9, 978.	4.3	6
6	Olive oil mixtures. Part two: Detection of soft deodorized oil in extra virgin olive oil through diacylglycerol determination. Relationship with free acidity. <i>Food Chemistry</i> , 2020, 330, 127226.	8.2	9
7	Olive oil mixtures. Part one: Decisional trees or how to verify the olive oil percentage in declared blends. <i>Food Chemistry</i> , 2020, 315, 126235.	8.2	7
8	Glyceridic and Unsaponifiable Components of Microencapsulated Sacha Inchi ( <i>Plukenetia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	4.3	10
9	Chemical characterization of commercial and single-variety avocado oils. <i>Grasas Y Aceites</i> , 2018, 69, 256.	0.9	17
10	Chemical Characterization of Major and Minor Compounds of Nut Oils: Almond, Hazelnut, and Pecan Nut. <i>Journal of Chemistry</i> , 2017, 2017, 1-11.	1.9	58
11	Saturated hydrocarbon content in olive fruits and crude olive pomace oils. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 391-402.	2.3	19
12	Fatty acid ethyl esters (FAEE) in extra virgin olive oil: A case study of a quality parameter. <i>LWT - Food Science and Technology</i> , 2016, 66, 378-383.	5.2	30
13	Determination of saturated aliphatic hydrocarbons in vegetable oils. <i>Grasas Y Aceites</i> , 2016, 67, e127.	0.9	9
14	Sensory defects of virgin olive oil from a microbiological perspective. <i>Trends in Food Science and Technology</i> , 2015, 43, 227-235.	15.1	22
15	Solution properties of metal ion complexes formed with the antiviral and cytostatic nucleotide analogue 9-[2-(phosphonomethoxy)ethyl]-2-amino-6-dimethylaminopurine (PME2A6DMAP). <i>Canadian Journal of Chemistry</i> , 2014, 92, 771-780.	1.1	6
16	Characterization of Glyceridic and Unsaponifiable Compounds of Sacha Inchi ( <i>Plukenetia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	9.2	19
17	Analysis of methanol and ethanol in virgin olive oil. <i>MethodsX</i> , 2014, 1, 207-211.	1.6	11
18	Comparative Study of Phytosterol Derivatives in Monovarietal Olive Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 5669-5674.	5.2	7

#	ARTICLE	IF	CITATIONS
19	On the glucoside analysis: Simultaneous determination of free and esterified steryl glucosides in olive oil. Detailed analysis of standards as compulsory first step. <i>Food Chemistry</i> , 2013, 141, 1273-1280.	8.2	19
20	Specific procedure for analysing steryl glucosides in olive oil. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 1417-1426.	1.5	15
21	Fatty acid alkyl esters presence in olive oil vs. organoleptic assessment. <i>Food Chemistry</i> , 2012, 135, 1205-1209.	8.2	39
22	Extent of Intramolecular $\pi$ - $\pi$ Stacks in Aqueous Solution in Mixed-Ligand Copper(II) Complexes Formed by Heteroaromatic Amines and Several $\alpha$ -Aminopurine Derivatives of the Antivirally Active Nucleotide Analogue 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA). <i>Chemistry and Biodiversity</i> , 2012, 9, 2008-2034.	2.1	12
23	Waxy fraction containing long-chain aliphatic aldehydes in virgin olive oils. <i>Food Chemistry</i> , 2012, 132, 1451-1456.	8.2	7
24	Nickel(II), Copper(II) and Zinc(II) Complexes of 9-[2- (Phosphonomethoxy)ethyl]-8-azaadenine (9,8aPMEA), the 8-Aza Derivative of the Antiviral Nucleotide Analogue 9-[2-(Phosphonomethoxy)ethyl] adenine (PMEA). Quantification of Four Isomeric Species in Aqueous Solution. <i>Bioinorganic Chemistry and Applications</i> , 2004, 2, 331-352.	4.1	10
25	Quantification of isomeric equilibria formed by metal ion complexes of 8-[2-(phosphonomethoxy)ethyl]-8-azaadenine (8,8aPMEA) and 9-[2-(phosphonomethoxy)ethyl]-8-azaadenine (9,8aPMEA). Derivatives of the antiviral nucleotide analogue 9-[2-(phosphonomethoxy)ethyl]adenine (PMEA). <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 861-872.	2.6	12
26	Metal Ion-Binding Properties of (1H-Benzimidazol-2-yl-methyl)phosphonate (Bimp2-) in Aqueous Solution. $\pi$ - $\pi$ Isomeric Equilibria, Extent of Chelation, and a New Quantification Method for the Chelate Effect. <i>Inorganic Chemistry</i> , 2004, 43, 1311-1322.	4.0	52
27	Synthesis and acid-base properties of (1H-benzimidazol-2-yl-methyl)phosphonate (Bimp2-). Evidence for intramolecular hydrogen-bond formation in aqueous solution between (N-1)H and the phosphonate group. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1819-1826.	2.8	19
28	Metal-ion binding properties of O-phosphonomethylcholine (PMCh-). <i>Inorganica Chimica Acta</i> , 2002, 331, 109-116.	2.4	15
29	Preliminary characterization of fast growing rhizobial strains isolated from soyabean nodules in Brazil. <i>Soil Biology and Biochemistry</i> , 2001, 33, 1349-1361.	8.8	82
30	Intramolecular stacking interactions in ternary copper(II) complexes formed with 2,2'-bipyridine or 1,10-phenanthroline and 9-(4-phosphonobutyl)adenine (dPMEA), the carba relative of the antiviral nucleotide analogue 9-[2-(phosphonomethoxy)ethyl]adenine (PMEA). <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 39-46.	3.5	14
31	Ternary Copper(II) Complexes in Solution [1,2] Formed With 8-Aza Derivatives of the Antiviral Nucleotide Analogue 9-[2-(Phosphonomethoxy)Ethyl]Adenine (PMEA). <i>Metal-Based Drugs</i> , 2000, 7, 313-324.	3.8	14
32	Metal ion-binding properties of 9-(4-phosphonobutyl)adenine (dPMEA), a sister compound of the antiviral nucleotide analogue 9-[2-(phosphonomethoxy)ethyl]adenine (PMEA), and quantification of the equilibria involving four Cu(PMEA) isomers. <i>Dalton Transactions RSC</i> , 2000, , 2077-2084.	2.3	30
33	On the Presence of Steryl Glucosides in Virgin Olive Oil and their Relationship with other Minor Compounds: Untangling the Skein. <i>American Journal of Agricultural Science and Technology</i> , 0, , .	0.0	1