Raffaella Colombo

List of Publications by Year
in descending order

38	738	516215 16	552369 26
papers	citations	h-index	g-index

38	38	38	1193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selection and Optimization of an Innovative Polysaccharide-Based Carrier to Improve Anthocyanins Stability in Purple Corn Cob Extracts. Antioxidants, 2022, 11, 916.	2.2	4
2	A New Polysaccharide Carrier Isolated from Camelina Cake: Structural Characterization, Rheological Behavior, and Its Influence on Purple Corn Cob Extractâ€™s Bioaccessibility. Foods, 2022, 11, 1736.	1.9	3
3	Decaffeinated coffee and its benefits on health: focus on systemic disorders. Critical Reviews in Food Science and Nutrition, 2021, 61, 2506-2522.	5.4	8
4	Colored Corn: An Up-Date on Metabolites Extraction, Health Implication, and Potential Use. Molecules, 2021, 26, 199.	1.7	43
5	Advances in static in vitro digestion models after the COST action Infogest consensus protocol. Food and Function, 2021, 12, 7619-7636.	2.1	31
6	Recovery of Chlorogenic Acids from Agri-Food Wastes: Updates on Green Extraction Techniques. Molecules, 2021, 26, 4515.	1.7	17
7	Development of an Accelerated Stability Model to Estimate Purple Corn Cob Extract Powder (Moradyn) Shelf-Life. Foods, 2021, 10, 1617.	1.9	4
8	An outlook on the role of decaffeinated coffee in neurodegenerative diseases. Critical Reviews in Food Science and Nutrition, 2020, 60, 760-779.	5.4	28
9	Chromatographic tools for plant-derived recombinant antibodies purification and characterization. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112920.	1.4	5
10	Phytochemical profiling of aqeous methanolic leaf extract of Triclisia gilletii by gas chromatography (GC/MS) and liquid chromatography (HPLC-PDAâ€“ESI/MSn) tandem mass spectroscopy (MS): a pointer to its nephroprotection. Natural Product Research, 2020, , 1-6.	1.0	2
11	Pre-Concentration and Analysis of Mycotoxins in Food Samples by Capillary Electrophoresis. Molecules, 2020, 25, 3441.	1.7	13
12	A New Italian Purple Corn Variety (Moradyn) Byproduct Extract: Antiglycative and Hypoglycemic In Vitro Activities and Preliminary Bioaccessibility Studies. Molecules, 2020, 25, 1958.	1.7	18
13	A new millifluidic-based gastrointestinal platform to evaluate the effect of simulated dietary methylglyoxal intakes. Food and Function, 2019, 10, 4330-4338.	2.1	12
14	Application of an HPLC-MS/MS method for Teicoplanin drug substance and related impurities, part 2: Identity assignment of related impurities. Journal of Pharmaceutical and Biomedical Analysis, 2019, 168, 38-43.	1.4	4
15	Stem-like Cancer Cells in a Dynamic 3D Culture System: A Model to Study Metastatic Cell Adhesion and Anti-cancer Drugs. Cells, 2019, 8, 1434.	1.8	27
16	Advances in the Analysis of Veterinary Drug Residues in Food Matrices by Capillary Electrophoresis Techniques. Molecules, 2019, 24, 4617.	1.7	17
17	A new MS compatible HPLC-UV method for Teicoplanin drug substance and related impurities, part 1: Development and validation studies. Journal of Pharmaceutical and Biomedical Analysis, 2019, 162, 185-191.	1.4	8
18	Cretan tea (Origanum dictamnus L.) as a functional beverage: an investigation on antiglycative and carbonyl trapping activities. Food and Function, 2018, 9, 1545-1556.	2.1	21

#	Article	IF	Citations
19	Advances on Size Exclusion Chromatography and Applications on the Analysis of Protein Biopharmaceuticals and Protein Aggregates: A Mini Review. Chromatographia, 2018, 81, 3-23.	0.7	53
20	An integrated strategy to correlate aggregation state, structure and toxicity of AÃŸ 1â€“42 oligomers. Talanta, 2018, 188, 17-26.	2.9	28
21	Artichoke (Cynara cardunculus L. var. scolymus) waste as a natural source of carbonyl trapping and antiglycative agents. Food Research International, 2017, 100, 780-790.	2.9	27
22	Evidence that the Human Innate Immune Peptide LL-37 may be a Binding Partner of Amyloid-Î² and Inhibitor of Fibril Assembly. Journal of Alzheimer's Disease, 2017, 59, 1213-1226.	1.2	44
23	Evaluation of capillary electrophoresis-mass spectrometry for the analysis of the conformational heterogeneity of intact proteins using beta2-microglobulin as model compound. Analytica Chimica Acta, 2016, 945, 102-109.	2.6	20
24	Capillary electrophoresis analysis of different variants of the amyloidogenic protein Î²₂â€•microglobulin as a simple tool for misfolding and stability studies. Electrophoresis, 2015, 36, 2465-2472.	1.3	6
25	Lack of prolidase causes a bone phenotype both in human and in mouse. Bone, 2015, 72, 53-64.	1.4	23
26	Diseaseâ€Modifying Antiâ€Alzheimer's Drugs: Inhibitors of Human Cholinesterases Interfering with Î²â€Amyloid Aggregation. CNS Neuroscience and Therapeutics, 2014, 20, 624-632.	1.9	51
27	Advanced glycation end products of beta2-microglobulin in uremic patients as determined by high resolution mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 91, 193-201.	1.4	7
28	Separation and characterisation of beta2-microglobulin folding conformers by ion-exchange liquid chromatography and ion-exchange liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2013, 771, 108-114.	2.6	16
29	Multifunctional Cholinesterase and Amyloid Beta Fibrillization Modulators. Synthesis and Biological Investigation. ACS Medicinal Chemistry Letters, 2013, 4, 1178-1182.	1.3	40
30	Leveraging on nanomechanical sensors to single out active small ligands for Î²2-microglobulin. Sensors and Actuators B: Chemical, 2013, 176, 1026-1031.	4.0	10
31	Screening of fibrillogenesis inhibitors of Î²2-microglobulin: Integrated strategies by mass spectrometry capillary electrophoresis and in silico simulations. Analytica Chimica Acta, 2011, 685, 153-161.	2.6	17
32	Partial Rescue of Biochemical Parameters After Hematopoietic Stem Cell Transplantation in a Patient with Prolidase Deficiency Due to Two Novel PEPD Mutations. JIMD Reports, 2011, 3, 71-77.	0.7	11
33	A Combined Highâ€Resolution Mass Spectrometric and inâ€...silico Approach for the Characterisation of Small Ligands of Î²₂â€Microglobulin. ChemMedChem, 2010, 5, 1015-1025.	1.6	10
34	CE can identify small molecules that selectively target soluble oligomers of amyloid Î² protein and display antifibrillogenic activity. Electrophoresis, 2009, 30, 1418-1429.	1.3	39
35	In vitro amyloid AÎ²1-42 peptide aggregation monitoring by asymmetrical flow field-flow fractionation with multi-angle light scattering detection. Analytical and Bioanalytical Chemistry, 2009, 394, 2145-2149.	1.9	29
36	The influence of Cu²⁺ on the unfolding and refolding of intact and proteolytically processed Î²₂â€•microglobulin. Electrophoresis, 2008, 29, 1734-1740.	1.3	7

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37	Sulfonated molecules that bind a partially structured species of Î²₂â€microglobulin also influence refolding and fibrillogenesis. Electrophoresis, 2008, 29, 1502-1510.	1.3	18
38	Search of ligands for the amyloidogenic protein Î²2-microglobulin by capillary electrophoresis and other techniques. Electrophoresis, 2005, 26, 4055-4063.	1.3	17