

# Rita Patrizia Aquino

## List of Publications by Year in descending order

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27  
papers

777  
citations

567281

15  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1234  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prilling and supercritical drying: A successful duo to produce core-shell polysaccharide aerogel beads for wound healing. <i>Carbohydrate Polymers</i> , 2016, 147, 482-489.	10.2	84
2	Envisioning smart and sustainable healthcare: 3D Printing technologies for personalized medication. <i>Futures</i> , 2018, 103, 35-50.	2.5	81
3	Hazelnut ( <i>Corylus avellana</i> L.) Shells Extract: Phenolic Composition, Antioxidant Effect and Cytotoxic Activity on Human Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2017, 18, 392.	4.1	64
4	Novel Potent Decameric Peptide of <i>Spirulina platensis</i> Reduces Blood Pressure Levels Through a PI3K/AKT/eNOS-Dependent Mechanism. <i>Hypertension</i> , 2019, 73, 449-457.	2.7	53
5	Post-manufacture loading of filaments and 3D printed PLA scaffolds with prednisolone and dexamethasone for tissue regeneration applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 141, 100-110.	4.3	51
6	Technologies and Formulation Design of Polysaccharide-Based Hydrogels for Drug Delivery. <i>Molecules</i> , 2020, 25, 3156.	3.8	50
7	Poly(vinyl alcohol) 3D printed tablets: The effect of polymer particle size on drug loading and process efficiency. <i>International Journal of Pharmaceutics</i> , 2019, 561, 1-8.	5.2	47
8	HRMS Profile of a Hazelnut Skin Proanthocyanidin-rich Fraction with Antioxidant and Anti- <i>Candida albicans</i> Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 585-595.	5.2	46
9	Chestnut ( <i>Castanea sativa</i> Miller.) Burs Extracts and Functional Compounds: UHPLC-UV-HRMS Profiling, Antioxidant Activity, and Inhibitory Effects on Phytopathogenic Fungi. <i>Molecules</i> , 2019, 24, 302.	3.8	43
10	Fast Profiling of Natural Pigments in Different <i>Spirulina</i> ( <i>Arthrospira platensis</i> ) Dietary Supplements by DI-FT-ICR and Evaluation of their Antioxidant Potential by Pre-Column DPPH-UHPLC Assay. <i>Molecules</i> , 2018, 23, 1152.	3.8	37
11	Novel co-axial prilling technique for the development of core-shell particles as delayed drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 541-547.	4.3	31
12	Enhanced technological and permeation properties of a microencapsulated soy isoflavones extract. <i>Journal of Food Engineering</i> , 2013, 115, 298-305.	5.2	28
13	Additive Manufacturing Strategies for Personalized Drug Delivery Systems and Medical Devices: Fused Filament Fabrication and Semi Solid Extrusion. <i>Molecules</i> , 2022, 27, 2784.	3.8	28
14	Alginate beads as a carrier for omeprazole/SBA-15 inclusion compound: A step towards the development of personalized paediatric dosage forms. <i>Carbohydrate Polymers</i> , 2015, 133, 464-472.	10.2	23
15	Development of Health Products from Natural Sources. <i>Current Medicinal Chemistry</i> , 2019, 26, 4606-4630.	2.4	18
16	Nanospray Drying as a Novel Tool to Improve Technological Properties of Soy Isoflavone Extracts. <i>Planta Medica</i> , 2017, 83, 426-433.	1.3	15
17	Submicrometric hypromellose acetate succinate particles as carrier for soy isoflavones extract with improved skin penetration performance. <i>Carbohydrate Polymers</i> , 2017, 165, 22-29.	10.2	14
18	Application of Spray Drying Particle Engineering to a High-Functionality/Low-Solubility Milk Thistle Extract: Powders Production and Characterization. <i>Molecules</i> , 2018, 23, 1716.	3.8	13

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19	A Water-Soluble Microencapsulated Milk Thistle Extract as Active Ingredient for Dermal Formulations. <i>Molecules</i> , 2019, 24, 1547.	3.8	10
20	Aerodynamic properties, solubility and in vitro antibacterial efficacy of dry powders prepared by spray drying: Clarithromycin versus its hydrochloride salt. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 1-6.	4.3	9
21	Recycling of Almond By-Products for Intestinal Inflammation: Improvement of Physical-Chemical, Technological and Biological Characteristics of a Dried Almond Skins Extract. <i>Pharmaceutics</i> , 2020, 12, 884.	4.5	7
22	Fuzzy-assisted ultrafiltration of whey by-products recovery. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	1.3	6
23	Inulin-g-poly-D,L-lactide, a sustainable amphiphilic copolymer for nano-therapeutics. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1974-1990.	5.8	6
24	Nanospray Drying as a Novel Technique for the Manufacturing of Inhalable NSAID Powders. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	5
25	Development, Characterization, and Clinical Investigation of a New Topical Emulsion System Containing a <i>Castanea sativa</i> Spiny Burs Active Extract. <i>Pharmaceutics</i> , 2021, 13, 1634.	4.5	4
26	Trotula de Ruggiero: The Magistra mulier sapiens and her medical dermatology treatises. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1613-1616.	1.6	3
27	Beyond the Dilemmas: Design of PLA-PEG Assemblies Based on pH-Reversible Boronic Ester for the Synchronous PEG De-Shielding and Ligand Presentation to Hepatocytes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4225.	2.5	1