

# Maria João Rodrigues

## List of Publications by Year in descending order

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70  
papers

1,679  
citations

279798

23  
h-index

345221

36  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halophytes: Gourmet food with nutritional health benefits?. Journal of Food Composition and Analysis, 2017, 59, 35-42.	3.9	127
2	In vitro antioxidant and anti-inflammatory properties of Limonium algarvense flowers™ infusions and decoctions: A comparison with green tea (Camellia sinensis). Food Chemistry, 2016, 200, 322-329.	8.2	78
3	Maritime Halophyte Species from Southern Portugal as Sources of Bioactive Molecules. Marine Drugs, 2014, 12, 2228-2244.	4.6	72
4	Unravelling the antioxidant potential and the phenolic composition of different anatomical organs of the marine halophyte Limonium algarvense. Industrial Crops and Products, 2015, 77, 315-322.	5.2	67
5	Fatty acid composition and biological activities of Isochrysis galbana T-ISO, Tetraselmis sp. and Scenedesmus sp.: possible application in the pharmaceutical and functional food industries. Journal of Applied Phycology, 2014, 26, 151-161.	2.8	66
6	Natural products from extreme marine environments: Searching for potential industrial uses within extremophile plants. Industrial Crops and Products, 2016, 94, 299-307.	5.2	56
7	Scrophularia lucida L. as a valuable source of bioactive compounds for pharmaceutical applications: In vitro antioxidant, anti-inflammatory, enzyme inhibitory properties, in silico studies, and HPLC profiles. Journal of Pharmaceutical and Biomedical Analysis, 2019, 162, 225-233.	2.8	55
8	Novel approach to bis(indolyl)methanes: De novo synthesis of 1-hydroxyiminomethyl derivatives with anti-cancer properties. European Journal of Medicinal Chemistry, 2015, 93, 9-15.	5.5	45
9	Combination of phenolic profiles, pharmacological properties and in silico studies to provide new insights on Silene salsuginea from Turkey. Computational Biology and Chemistry, 2018, 77, 178-186.	2.3	45
10	Biological Activities and Chemical Composition of Methanolic Extracts of Selected Autochthonous Microalgae Strains from the Red Sea. Marine Drugs, 2015, 13, 3531-3549.	4.6	44
11	Chemical profile, antioxidant, antimicrobial, enzyme inhibitory, and cytotoxicity of seven Apiaceae species from Turkey: A comparative study. Industrial Crops and Products, 2020, 153, 112572.	5.2	42
12	Chemical profiling of infusions and decoctions of Helichrysum italicum subsp. picardii by UHPLC-PDA-MS and in vitro biological activities comparatively with green tea (Camellia sinensis) and rooibos tisane (Aspalathus linearis). Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 593-603.	2.8	39
13	Methanol extracts from <i>Cystoseira tamariscifolia</i> and <i>Cystoseira nodicaulis</i> are able to inhibit cholinesterases and protect a human dopaminergic cell line from hydrogen peroxide-induced cytotoxicity. Pharmaceutical Biology, 2016, 54, 1687-1696.	2.9	38
14	Biochemical profile and in vitro neuroprotective properties of Carpobrotus edulis L., a medicinal and edible halophyte native to the coast of South Africa. South African Journal of Botany, 2017, 111, 222-231.	2.5	35
15	Can macroalgae provide promising anti-tumoral compounds? A closer look at <i>Cystoseira tamariscifolia</i> as a source for antioxidant and anti-hepatocarcinoma compounds. PeerJ, 2016, 4, e1704.	2.0	33
16	Unlocking the in vitro anti-inflammatory and antidiabetic potential of <i>Polygonum maritimum</i> . Pharmaceutical Biology, 2017, 55, 1348-1357.	2.9	33
17	Phytochemical characterization and bioactivities of five Apiaceae species: Natural sources for novel ingredients. Industrial Crops and Products, 2019, 135, 107-121.	5.2	33
18	Botryococcus braunii and Nannochloropsis oculata extracts inhibit cholinesterases and protect human dopaminergic SH-SY5Y cells from H2O2-induced cytotoxicity. Journal of Applied Phycology, 2015, 27, 839-848.	2.8	31

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19	Health promoting potential of herbal teas and tinctures from <i>Artemisia campestris</i> subsp. <i>maritima</i> : from traditional remedies to prospective products. <i>Scientific Reports</i> , 2018, 8, 4689.	3.3	31
20	First report of the nutritional profile and antioxidant potential of <i>Holothuria arguinensis</i> , a new resource for aquaculture in Europe. <i>Natural Product Research</i> , 2016, 30, 2034-2040.	1.8	28
21	Exploring the halophyte <i>Cistanche phelypaea</i> (L.) Cout as a source of health promoting products: In vitro antioxidant and enzyme inhibitory properties, metabolomic profile and computational studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 119-128.	2.8	28
22	In vitro and in silico approaches to appraise <i>Polygonum maritimum</i> L. as a source of innovative products with anti-ageing potential. <i>Industrial Crops and Products</i> , 2018, 111, 391-399.	5.2	26
23	Phenolic Profile, Toxicity, Enzyme Inhibition, In Silico Studies, and Antioxidant Properties of <i>Cakile maritima</i> Scop. (Brassicaceae) from Southern Portugal. <i>Plants</i> , 2020, 9, 142.	3.5	26
24	Combination of hyaluronic acid and PLGA particles as hybrid systems for viscosupplementation in osteoarthritis. <i>International Journal of Pharmaceutics</i> , 2019, 559, 13-22.	5.2	22
25	Sustainable Valorization of Halophytes from the Mediterranean Area: A Comprehensive Evaluation of Their Fatty Acid Profile and Implications for Human and Animal Nutrition. <i>Sustainability</i> , 2019, 11, 2197.	3.2	22
26	A first glance into the nutritional properties of the sea cucumber <i>Parastichopus regalis</i> from the Mediterranean Sea (SE Spain). <i>Natural Product Research</i> , 2018, 32, 116-120.	1.8	21
27	Sea knotgrass ( <i>Polygonum maritimum</i> L.) as a potential source of innovative industrial products for skincare applications. <i>Industrial Crops and Products</i> , 2019, 128, 391-398.	5.2	21
28	Exploring <i>Ulva australis</i> Areschoug for possible biotechnological applications: In vitro antioxidant and enzymatic inhibitory properties, and fatty acids contents. <i>Algal Research</i> , 2020, 50, 101980.	4.6	20
29	Coupling sea lavender ( <i>Limonium algarvense</i> Erben) and green tea ( <i>Camellia sinensis</i> (L.) Kuntze) to produce an innovative herbal beverage with enhanced enzymatic inhibitory properties. <i>South African Journal of Botany</i> , 2019, 120, 87-94.	2.5	19
30	If you cannot beat them, join them: Exploring the fruits of the invasive species <i>Carpobrotus edulis</i> (L.) N.E. Br as a source of bioactive products. <i>Industrial Crops and Products</i> , 2020, 144, 112005.	5.2	19
31	Exploring saccharinate-tetrazoles as selective Cu(II) ligands: structure, magnetic properties and cytotoxicity of copper(II) complexes based on 5-(3-aminosaccharyl)-tetrazoles. <i>RSC Advances</i> , 2016, 6, 71628-71637.	3.6	18
32	A new insight into the influence of habitat on the biochemical properties of three commercial sea cucumber species. <i>International Aquatic Research</i> , 2018, 10, 361-373.	1.5	18
33	Profiling of antioxidant potential and phytoconstituents of <i>Plantago coronopus</i> . <i>Brazilian Journal of Biology</i> , 2017, 77, 632-641.	0.9	17
34	Anti-Hepatocellular Carcinoma (HepG2) Activities of Monoterpene Hydroxy Lactones Isolated from the Marine Microalga <i>Tisochrysis Lutea</i> . <i>Marine Drugs</i> , 2020, 18, 567.	4.6	17
35	Synchronous insight of in vitro and in vivo biological activities of <i>Sambucus nigra</i> L. extracts for industrial uses. <i>Industrial Crops and Products</i> , 2020, 154, 112709.	5.2	17
36	Chemical characterization, cytotoxic, antioxidant, antimicrobial, and enzyme inhibitory effects of different extracts from one sage ( <i>Salvia ceratophylla</i> L.) from Turkey: open a new window on industrial purposes. <i>RSC Advances</i> , 2021, 11, 5295-5310.	3.6	17

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37	A comparative study on biological properties and chemical profiles of different solvent extracts from <i>Centaurea bingolensis</i> , an endemic plant of Turkey. <i>Process Biochemistry</i> , 2021, 102, 315-324.	3.7	17
38	Synthesis and anti-cancer activity of chiral tetrahydropyrazolo[1,5- a ]pyridine-fused steroids. <i>Steroids</i> , 2017, 122, 16-23.	1.8	16
39	Sea rose ( <i>Armeria pungens</i> (Link) Hoffmanns. & Link) as a potential source of innovative industrial products for anti-ageing applications. <i>Industrial Crops and Products</i> , 2018, 121, 250-257.	5.2	16
40	New insights into the chemical profiling, cytotoxicity and bioactivity of four <i>Bunium</i> species. <i>Food Research International</i> , 2019, 123, 414-424.	6.2	16
41	A comparative study of the in vitro enzyme inhibitory and antioxidant activities of <i>Butea monosperma</i> (Lam.) Taub. and <i>Sesbania grandiflora</i> (L.) Poiret from Pakistan: New sources of natural products for public health problems. <i>South African Journal of Botany</i> , 2019, 120, 146-156.	2.5	16
42	Growth performance, in vitro antioxidant properties and chemical composition of the halophyte <i>Limonium algarvense</i> Erben are strongly influenced by the irrigation salinity. <i>Industrial Crops and Products</i> , 2020, 143, 111930.	5.2	16
43	Greener Is Better: First Approach for the Use of Natural Deep Eutectic Solvents (NADES) to Extract Antioxidants from the Medicinal Halophyte <i>Polygonum maritimum</i> L.. <i>Molecules</i> , 2021, 26, 6136.	3.8	15
44	A Review on <i>Sarcocornia</i> Species: Ethnopharmacology, Nutritional Properties, Phytochemistry, Biological Activities and Propagation. <i>Foods</i> , 2021, 10, 2778.	4.3	15
45	A comparative evaluation of biological activities and bioactive compounds of the seagrasses <i>Zostera marina</i> and <i>Zostera noltei</i> from southern Portugal. <i>Natural Product Research</i> , 2016, 30, 724-728.	1.8	14
46	The irrigation salinity and harvesting affect the growth, chemical profile and biological activities of <i>Polygonum maritimum</i> L.. <i>Industrial Crops and Products</i> , 2019, 139, 111510.	5.2	14
47	Unravelling the potential of the medicinal halophyte <i>Eryngium maritimum</i> L.: In vitro inhibition of diabetes-related enzymes, antioxidant potential, polyphenolic profile and mineral composition. <i>South African Journal of Botany</i> , 2019, 120, 204-212.	2.5	14
48	Hetero-Diels-Alder approach to Bis(indolyl)methanes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1122-1131.	3.0	13
49	Chemical Profiling and Biological Evaluation of <i>Nepeta baytopii</i> Extracts and Essential Oil: An Endemic Plant from Turkey. <i>Plants</i> , 2021, 10, 1176.	3.5	13
50	Natural products from marine invertebrates against <i>Leishmania</i> parasites: a comprehensive review. <i>Phytochemistry Reviews</i> , 2016, 15, 663-697.	6.5	12
51	Juncaceae species as sources of innovative bioactive compounds for the food industry: In vitro antioxidant activity, neuroprotective properties and in silico studies. <i>Food and Chemical Toxicology</i> , 2017, 107, 590-596.	3.6	12
52	First report of the in vitro antileishmanial properties of extremophile plants from the Algarve Coast. <i>Natural Product Research</i> , 2018, 32, 600-604.	1.8	12
53	Unlocking the in vitro anti- <i>Trypanosoma cruzi</i> activity of halophyte plants from the southern Portugal. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 735-741.	0.8	11
54	Metabolomic Profile and Biological Properties of Sea Lavender ( <i>Limonium algarvense</i> Erben) Plants Cultivated with Aquaculture Wastewaters: Implications for Its Use in Herbal Formulations and Food Additives. <i>Foods</i> , 2021, 10, 3104.	4.3	11

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55	Exploring <i>Caralluma europaea</i> (Guss.) N.E.Br. as a potential source of bioactive molecules: In vitro antioxidant and antidiabetic properties, and phenolic profile of crude extracts and fractions. <i>Industrial Crops and Products</i> , 2019, 139, 111527.	5.2	10
56	Seasonal Variations of the Nutritive Value and Phytotherapeutic Potential of <i>Cladium mariscus</i> L. (Pohl.) Targeting Ruminant's Production. <i>Plants</i> , 2021, 10, 556.	3.5	10
57	A Newfangled Collagenase Inhibitor Topical Formulation Based on Ethosomes with <i>Sambucus nigra</i> L. Extract. <i>Pharmaceuticals</i> , 2021, 14, 467.	3.8	9
58	Total Phenolic Levels, In Vitro Antioxidant Properties, and Fatty Acid Profile of Two Microalgae, <i>Tetraselmis marina</i> Strain IMA043 and Naviculoid Diatom Strain IMA053, Isolated from the North Adriatic Sea. <i>Marine Drugs</i> , 2022, 20, 207.	4.6	9
59	Deeper Insights on <i>Alchornea cordifolia</i> (Schumach. & Thonn.) Mill. Arg Extracts: Chemical Profiles, Biological Abilities, Network Analysis and Molecular Docking. <i>Biomolecules</i> , 2021, 11, 219.	4.0	8
60	The Medicinal Halophyte <i>Frankenia laevis</i> L. (Sea Heath) Has In Vitro Antioxidant Activity, $\beta$ -Glucosidase Inhibition, and Cytotoxicity towards Hepatocarcinoma Cells. <i>Plants</i> , 2022, 11, 1353.	3.5	8
61	Microalgae-based unsaponifiable matter as source of natural antioxidants and metal chelators to enhance the value of wet <i>Tetraselmis chuii</i> biomass. <i>Open Chemistry</i> , 2016, 14, 299-307.	1.9	7
62	In Vitro Anti- <i>Trypanosoma cruzi</i> Activity of Halophytes from Southern Portugal Reloaded: A Special Focus on Sea Fennel ( <i>Crithmum maritimum</i> L.). <i>Plants</i> , 2021, 10, 2235.	3.5	7
63	Chemical Composition, Antibacterial Screening and Cytotoxic Activity of <i>Chiliadenus antiatlanticus</i> (Asteraceae) Essential Oil. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100115.	2.1	6
64	<i>Bursatella leachii</i> from Mar Menor as a Source of Bioactive Molecules: Preliminary Evaluation of the Nutritional Profile, In Vitro Biological Activities, and Fatty Acids Contents. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 1337-1350.	1.4	5
65	Antitubercular and anti-inflammatory properties screening of natural products from <i>Plectranthus</i> species. <i>Future Medicinal Chemistry</i> , 2018, 10, 1677-1691.	2.3	5
66	In vitro and in silico approaches to unveil the mechanisms underlying the cytotoxic effect of juncunol on human hepatocarcinoma cells. <i>Pharmacological Reports</i> , 2018, 70, 896-899.	3.3	4
67	In vitro enzyme inhibitory and anti-oxidant properties, cytotoxicity and chemical composition of the halophyte <i>Malcolmia littorea</i> (L.) R.Br. (Brassicaceae). <i>Natural Product Research</i> , 2021, 35, 4753-4756.	1.8	4
68	Exploring the Biotechnological Value of Marine Invertebrates: A Closer Look at the Biochemical and Antioxidant Properties of <i>Sabella spallanzanii</i> and <i>Microcosmus squamiger</i> . <i>Animals</i> , 2021, 11, 3557.	2.3	4
69	Dataset on functional and chemical properties of the medicinal halophyte <i>Polygonum maritimum</i> L. under greenhouse cultivation. <i>Data in Brief</i> , 2019, 25, 104357.	1.0	2
70	Chemical Composition and Biological Screening of the Essential Oils of <i>Micromeria macrosiphon</i> and <i>M. arganietorum</i> (Lamiaceae). <i>Chemistry and Biodiversity</i> , 2021, 18, e2100653.	2.1	2