Ricardo Boavida Ferreira

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99 papers	2,670 citations	29 h-index	48 g-index
104 ext. papers	3,087 ext. citations	5.2 avg, IF	4.9 L-index

#	Paper	IF	Citations
99	Genome-wide analysis of transcript abundance and translation in Arabidopsis seedlings subjected to oxygen deprivation. *Annals of Botany*, **2005**, 96, 647-60	4.1	238
98	The role of plant defence proteins in fungal pathogenesis. *Molecular Plant Pathology*, **2007**, 8, 677-700	5.7	182
97	The wine proteins. *Trends in Food Science and Technology*, **2001**, 12, 230-239	15.3	149
96	Osmotin and thaumatin from grape: a putative general defense mechanism against pathogenic fungi. *Phytopathology*, **2003**, 93, 1505-12	3.8	109
95	Phenolic sulfates as new and highly abundant metabolites in human plasma after ingestion of a mixed berry fruit pur. *British Journal of Nutrition*, **2015**, 113, 454-63	3.6	89
94	Neuroprotective effect of blackberry (Rubus sp.) polyphenols is potentiated after simulated gastrointestinal digestion. *Food Chemistry*, **2012**, 131, 1443-1452	8.5	88
93	Antioxidant properties and neuroprotective capacity of strawberry tree fruit (Arbutus unedo). *Nutrients*, **2010**, 2, 214-29	6.7	72
92	Engineering grapevine for increased resistance to fungal pathogens without compromising wine stability. *Trends in Biotechnology*, **2004**, 22, 168-73	15.1	65
91	Urinary metabolite profiling identifies novel colonic metabolites and conjugates of phenolics in healthy volunteers. *Molecular Nutrition and Food Research*, **2014**, 58, 1414-25	5.9	63
90	The seed storage proteins from Lupinus albus. *Phytochemistry*, **1994**, 37, 641-648	4	63
89	Fungal Pathogens: The Battle for Plant Infection. *Critical Reviews in Plant Sciences*, **2006**, 25, 505-524	5.6	55
88	(Poly)phenols protect from synuclein toxicity by reducing oxidative stress and promoting autophagy. *Human Molecular Genetics*, **2015**, 24, 1717-32	5.6	54
87	Neuroprotective effects of digested polyphenols from wild blackberry species. *European Journal of Nutrition*, **2013**, 52, 225-36	5.2	53
86	The complexity of protein haze formation in wines. *Food Chemistry*, **2009**, 112, 169-177	8.5	49
85	Analysis of phenolic compounds in Portuguese wild and commercial berries after multienzyme hydrolysis. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 4053-62	5.7	47
84	Seed Proteins of Lupinus mutabilis. *Journal of Agricultural and Food Chemistry*, **1997**, 45, 3821-3825	5.7	42
83	Bioaccessible (poly)phenol metabolites from raspberry protect neural cells from oxidative stress and attenuate microglia activation. *Food Chemistry*, **2017**, 215, 274-83	8.5	40

82	Comparison of different methods for DNA-free RNA isolation from SK-N-MC neuroblastoma. *BMC Research Notes*, **2011**, 4, 3	2.3	39
81	Environmental conditions during vegetative growth determine the major proteins that accumulate in mature grapes. *Journal of Agricultural and Food Chemistry*, **2003**, 51, 4046-53	5.7	39
80	Protein haze formation in wines revisited. The stabilising effect of organic acids. *Food Chemistry*, **2010**, 122, 1067-1075	8.5	38
79	Effect of osmotic stress on protein turnover in Lemna minor fronds. *Planta*, **1989**, 179, 456-65	4.7	38
78	Antioxidant capacity of Macaronesian traditional medicinal plants. *Molecules*, **2010**, 15, 2576-92	4.8	37
77	Contribution of Yap1 towards Saccharomyces cerevisiae adaptation to arsenic-mediated oxidative stress. *Biochemical Journal*, **2008**, 414, 301-11	3.8	36
76	Characterization of the proteins from Vigna unguiculata seeds. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 1682-7	5.7	35
75	Protein degradation in lemna with particular reference to ribulose bisphosphate carboxylase: I. The effect of light and dark. *Plant Physiology*, **1987**, 83, 869-77	6.6	34
74	Characterization of the Wood Mycobiome of in a Vineyard Affected by Esca. Spatial Distribution of Fungal Communities and Their Putative Relation With Leaf Symptoms. *Frontiers in Plant Science*, **2019**, 10, 910	6.2	32
73	Conversion of ribulose-1,5-bisphosphate carboxylase to an acidic and catalytically inactive form by extracts of osmotically stressed Lemna minor fronds. *Planta*, **1989**, 179, 448-55	4.7	32
72	The diversity of pathogenesis-related proteins decreases during grape maturation. *Phytochemistry*, **2007**, 68, 416-25	4	31
71	Protein degradation in C3 and C4 plants with particular reference to ribulose bisphosphate carboxylase and glycolate oxidase. *Journal of Experimental Botany*, **1998**, 49, 807-816	7	30
70	Assessment of Potential Effects of Common Fining Agents Used for White Wine Protein Stabilization. *American Journal of Enology and Viticulture*, **2012**, 63, 574-578	2.2	29
69	Reference gene validation for quantitative RT-PCR during biotic and abiotic stresses in Vitis vinifera. *PLoS ONE*, **2014**, 9, e111399	3.7	28
68	Vitis vinifera secondary metabolism as affected by sulfate depletion: diagnosis through phenylpropanoid pathway genes and metabolites. *Plant Physiology and Biochemistry*, **2013**, 66, 118-26	5.4	26
67	The neuroprotective potential of phenolic-enriched fractions from four Juniperus species found in Portugal. *Food Chemistry*, **2012**, 135, 562-70	8.5	25
66	Utilization of an Improved Methodology To Isolate Lupinus albus Conglutins in the Study of Their Sedimentation Coefficients. *Journal of Agricultural and Food Chemistry*, **1997**, 45, 3908-3913	5.7	25
65	Storage proteins from Lathyrus sativus seeds. *Journal of Agricultural and Food Chemistry*, **2000**, 48, 5432-9	3.7	25

64	Characterization of globulins from common vetch (Vicia sativa L.). *Journal of Agricultural and Food Chemistry*, **2004**, 52, 4913-20	5.7	24
63	Dyospiros kaki phenolics inhibit colitis and colon cancer cell proliferation, but not gelatinase activities. *Journal of Nutritional Biochemistry*, **2017**, 46, 100-108	6.3	23
62	Transcriptomic changes following the compatible interaction Vitis vinifera-Erysiphe necator. Paving the way towards an enantioselective role in plant defence modulation. *Plant Physiology and Biochemistry*, **2013**, 68, 71-80	5.4	23
61	Calcium- and magnesium-dependent aggregation of legume seed storage proteins. *Journal of Agricultural and Food Chemistry*, **1999**, 47, 3009-15	5.7	23
60	Epicoccum layuense a potential biological control agent of esca-associated fungi in grapevine. *PLoS ONE*, **2019**, 14, e0213273	3.7	22
59	Protein degradation in C3 and C4 plants subjected to nutrient starvation. Particular reference to ribulose bisphosphate carboxylase/oxygenase and glycolate oxidase. *Plant Science*, **2000**, 153, 15-23	5.3	22
58	Differences in the Expression of Cold Stress-Related Genes and in the Swarming Motility Among Persistent and Sporadic Strains of Listeria monocytogenes. *Foodborne Pathogens and Disease*, **2015**, 12, 576-84	3.8	21
57	Yap1 mediates tolerance to cobalt toxicity in the yeast Saccharomyces cerevisiae. *Biochimica Et Biophysica Acta - General Subjects*, **2014**, 1840, 1977-86	4	21
56	A nontoxic polypeptide oligomer with a fungicide potency under agricultural conditions which is equal or greater than that of their chemical counterparts. *PLoS ONE*, **2015**, 10, e0122095	3.7	20
55	Exposure of Lemna minor to arsenite: expression levels of the components and intermediates of the ubiquitin/proteasome pathway. *Plant and Cell Physiology*, **2006**, 47, 1262-73	4.9	19
54	Proteins in Soy Might Have a Higher Role in Cancer Prevention than Previously Expected: Soybean Protein Fractions Are More Effective MMP-9 Inhibitors Than Non-Protein Fractions, Even in Cooked Seeds. *Nutrients*, **2017**, 9,	6.7	18
53	Immunodetection of legume proteins resistant to small intestinal digestion in weaned piglets. *Journal of the Science of Food and Agriculture*, **2003**, 83, 1571-1580	4.3	18
52	The unique biosynthetic route from lupinus beta-conglutin gene to blad. *PLoS ONE*, **2010**, 5, e8542	3.7	18
51	A secretome-based methodology may provide a better characterization of the virulence of Listeria monocytogenes: preliminary results. *Talanta*, **2010**, 83, 457-63	6.2	17
50	Preparation of polyclonal antibodies specific for wine proteins. *Journal of the Science of Food and Agriculture*, **1999**, 79, 772-778	4.3	17
49	Sulfur dioxide induced aggregation of wine thaumatin-like proteins: Role of disulfide bonds. *Food Chemistry*, **2018**, 259, 166-174	8.5	16
48	The challenging SO2-mediated chemical build-up of protein aggregates in wines. *Food Chemistry*, **2016**, 192, 460-9	8.5	15
47	Self-aggregation of legume seed storage proteins inside the protein storage vacuoles is electrostatic in nature, rather than lectin-mediated. *FEBS Letters*, **2003**, 534, 106-10	3.8	15

46	Legume Proteins of the Vicilin Family are More Immunogenic Than Those of the Legumin Family in Weaned Piglets. *Food and Agricultural Immunology*, **2002**, 14, 51-63	2.9	15
45	Protein Degradation in Lemna with Particular Reference to Ribulose Bisphosphate Carboxylase: II. The Effect of Nutrient Starvation. *Plant Physiology*, **1987**, 83, 878-83	6.6	15
44	The catabolism of ribulose bisphosphate carboxylase from higher plants. A hypothesis. *Plant Science*, **2001**, 161, 55-65	5.3	13
43	Chemical characterization and bioactivity of phytochemicals from Iberian endemic Santolina semidentata and strategies for ex situ propagation. *Industrial Crops and Products*, **2015**, 74, 505-513	5.9	12
42	Fungicides and the Grapevine Wood Mycobiome: A Case Study on Tracheomycotic Ascomycete Reveals Potential for Two Novel Control Strategies. *Frontiers in Plant Science*, **2019**, 10, 1405	6.2	12
41	(Poly)phenol metabolites from Arbutus unedo leaves protect yeast from oxidative injury by activation of antioxidant and protein clearance pathways. *Journal of Functional Foods*, **2017**, 32, 333-346	5.1	11
40	Bisphenol A disrupts transcription and decreases viability in aging vascular endothelial cells. *International Journal of Molecular Sciences*, **2014**, 15, 15791-805	6.3	11
39	Are vicilins another major class of legume lectins?. *Molecules*, **2014**, 19, 20350-73	4.8	11
38	Bioactive compounds from endemic plants of Southwest Portugal: inhibition of acetylcholinesterase and radical scavenging activities. *Pharmaceutical Biology*, **2012**, 50, 239-46	3.8	11
37	Vicilin-type globulins follow distinct patterns of degradation in different species of germinating legume seeds. *Food Chemistry*, **2007**, 102, 323-329	8.5	11
36	Daily polyphenol intake from fresh fruits in Portugal: contribution from berry fruits. *International Journal of Food Sciences and Nutrition*, **2013**, 64, 1022-9	3.7	9
35	Regulatory role for a conserved motif adjacent to the homeodomain of Hox10 proteins. *Development (Cambridge)*, **2012**, 139, 2703-10	6.6	9
34	New Lectins from Mediterranean Flora. Activity against HT29 Colon Cancer Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	8
33	Comparative analysis of the exoproteomes of Listeria monocytogenes strains grown at low temperatures. *Foodborne Pathogens and Disease*, **2013**, 10, 428-34	3.8	8
32	Synthesis and characterization of dicarboxymethyl cellulose. *Cellulose*, **2020**, 27, 1965-1974	5.5	8
31	Lupin Seed Protein Extract Can Efficiently Enrich the Physical Properties of Cookies Prepared with Alternative Flours. *Foods*, **2020**, 9,	4.9	8
30	White Rot Fungi () and Esca of Grapevine: Insights from Recent Microbiome Studies. *Journal of Fungi (Basel, Switzerland)*, **2021**, 7,	5.6	8
29	Reduction of Inflammation and Colon Injury by a Spearmint Phenolic Extract in Experimental Bowel Disease in Mice. *Medicines (Basel, Switzerland)*, **2019**, 6,	4.1	7

28	Valuing the Endangered Species Antirrhinum lopesianum: Neuroprotective Activities and Strategies for in vitro Plant Propagation. *Antioxidants*, **2013**, 2, 273-92	7.1	7
27	Blad-Containing Oligomer Fungicidal Activity on Human Pathogenic Yeasts. From the Outside to the Inside of the Target Cell. *Frontiers in Microbiology*, **2016**, 7, 1803	5.7	7
26	Is the exoproteome important for bacterial pathogenesis? Lessons learned from interstrain exoprotein diversity in Listeria monocytogenes grown at different temperatures. *OMICS A Journal of Integrative Biology*, **2014**, 18, 553-69	3.8	6
25	Elucidating phytochemical production in Juniperus sp.: seasonality and response to stress situations. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 4044-52	5.7	6
24	Is caffeic acid, as the major metabolite present in Moscatel wine protein haze hydrolysate, involved in protein haze formation?. *Food Research International*, **2017**, 98, 103-109	7	5
23	Improved method for the extraction of proteins from Eucalyptusleaves. Application in leaf response to temperature **1997**, 8, 279-285		5
22	Blad-containing oligomer: a novel fungicide used in crop protection as an alternative treatment for tinea pedis and tinea versicolor. *Journal of Medical Microbiology*, **2018**, 67, 198-207	3.2	5
21	Reduction of inflammation and colon injury by a Pennyroyal phenolic extract in experimental inflammatory bowel disease in mice. *Biomedicine and Pharmacotherapy*, **2019**, 118, 109351	7.5	4
20	N-Acetylhexosaminidase involvement in conglutin mobilization in Lupinus albus. *Journal of Plant Physiology*, **2013**, 170, 1047-56	3.6	4
19	Bridging the Gap to Non-toxic Fungal Control: Lupinus-Derived Blad-Containing Oligomer as a Novel Candidate to Combat Human Pathogenic Fungi. *Frontiers in Microbiology*, **2017**, 8, 1182	5.7	4
18	Multiple lectin detection by cell membrane affinity binding. *Carbohydrate Research*, **2012**, 352, 206-10	2.9	4
17	Differential inhibition of gelatinase activity in human colon adenocarcinoma cells by Aloe vera and Aloe arborescens extracts. *BMC Complementary Medicine and Therapies*, **2020**, 20, 379	2.9	4
16	Fusion proteins towards fungi and bacteria in plant protection. *Microbiology (United Kingdom)*, **2018** , 164, 11-19	2.9	4
15	Technological Potential of a Lupin Protein Concentrate as a Nutraceutical Delivery System in Baked Cookies. *Foods*, **2021**, 10,	4.9	4
14	Missing pieces in protein deposition and mobilization inside legume seed storage vacuoles: calcium and magnesium ions. *Seed Science Research*, **2012**, 22, 249-258	1.3	3
13	Genome-wide Analysis of Transcript Abundance and Translation in Arabidopsis Seedlings Subjected to Oxygen Deprivation. *Annals of Botany*, **2005**, 96, 1142-1142	4.1	3
12	Glycemic Response and Bioactive Properties of Gluten-Free Bread with Yoghurt or Curd-Cheese Addition. *Foods*, **2020**, 9,	4.9	3
11	DCMC as a Promising Alternative to Bentonite in White Wine Stabilization. Impact on Protein Stability and Wine Aromatic Fraction. *Molecules*, **2021**, 26,	4.8	2

List of Publications

10	Microbial Blends: Terminology Overview and Introduction of the Neologism "Skopobiota". *Frontiers in Microbiology*, **2021**, 12, 659592	5.7	2
9	Protein Components Inhibit MMP-2 and MMP-9 Gelatinolytic Activity In Vitro and In Vivo.. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
8	Immunological exercises for beginners. *Biochemical Education*, **1996**, 24, 176-178		1
7	Combination of Trans-Resveratrol and Viniferin Induces a Hepatoprotective Effect in Rats with Severe Acute Liver Failure via Reduction of Oxidative Stress and MMP-9 Expression. *Nutrients*, **2021**, 13,	6.7	1
6	Extended Cheese Whey Fermentation Produces a Novel Casein-Derived Antibacterial Polypeptide That Also Inhibits Gelatinases MMP-2 and MMP-9. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
5	Maximizing Blad-containing oligomer fungicidal activity in sweet cultivars of Lupinus albus seeds. *Industrial Crops and Products*, **2021**, 162, 113242	5.9	1
4	An Up-Scalable and Cost-Effective Methodology for Isolating a Polypeptide Matrix Metalloproteinase-9 Inhibitor from Seeds. *Foods*, **2021**, 10,	4.9	1
3	The Interaction between and Mycotoxigenic in Maize Flour. *Insects*, **2021**, 12,	2.8	1
2	A proposed lectin-mediated mechanism to explain the in Vivo antihyperglycemic activity of Conglutin from seeds. *Food Science and Nutrition*, **2021**, 9, 5980-5996	3.2	1
1	Lupin Protein Concentrate as a Novel Functional Food Additive That Can Reduce Colitis-Induced Inflammation and Oxidative Stress. *Nutrients*, **2022**, 14, 2102	6.7	0