

Pedro L Fale

List of Publications by Year in descending order

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29
papers

1,141
citations

361296

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h-index

477173

29
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docs citations

29
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and physicochemical characterization of Ag nanoparticles biosynthesized by <i>Lippia citriodora</i> (Lemon Verbena). <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 67-73.	2.5	186
2	Rosmarinic acid, scutellarein 4- β -methyl ether 7-O-glucuronide and (16S)-coleon E are the main compounds responsible for the antiacetylcholinesterase and antioxidant activity in herbal tea of <i>Plectranthus barbatus</i> (‘‘ <i>cofalso boldo</i> ’‘). <i>Food Chemistry</i> , 2009, 114, 798-805.	4.2	87
3	Antioxidant, antiacetylcholinesterase and antimicrobial activities of <i>Cymbopogon schoenanthus</i> L. Spreng (lemon grass) from Tunisia. <i>LWT - Food Science and Technology</i> , 2010, 43, 331-336.	2.5	82
4	Extraction and Purification of Phenolic Compounds from Lignocellulosic Biomass Assisted by Ionic Liquid, Polymeric Resins, and Supercritical CO ₂ . <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3357-3367.	3.2	81
5	Antioxidant capacity and phenolic contents of some Mediterranean medicinal plants and their potential role in the inhibition of cyclooxygenase-1 and acetylcholinesterase activities. <i>Industrial Crops and Products</i> , 2014, 53, 6-15.	2.5	78
6	Acetylcholinesterase inhibition and antioxidant activity of the water extracts of several <i>Hypericum</i> species. <i>Food Chemistry</i> , 2010, 120, 1076-1082.	4.2	64
7	Function of <i>Plectranthus barbatus</i> herbal tea as neuronal acetylcholinesterase inhibitor. <i>Food and Function</i> , 2011, 2, 130-136.	2.1	54
8	In situ Fourier transform infrared analysis of live cells' response to doxorubicin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2640-2648.	1.9	47
9	Optimization of medicinal plant extraction methods and their encapsulation through extrusion technology. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 58, 249-255.	2.5	43
10	Antioxidant and anti-acetylcholinesterase activity of commercially available medicinal infusions after in vitro gastrointestinal digestion. <i>Journal of Medicinal Plants Research</i> , 2013, 7, 1370-1378.	0.2	42
11	Bifunctional phenolic-choline conjugates as anti-oxidants and acetylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 485-497.	2.5	38
12	Antiacetylcholinesterase and antioxidant activities of <i>Plectranthus barbatus</i> tea, after in vitro gastrointestinal metabolism. <i>Food Chemistry</i> , 2010, 122, 179-187.	4.2	36
13	Effect of luteolin and apigenin on rosmarinic acid bioavailability in Caco-2 cell monolayers. <i>Food and Function</i> , 2013, 4, 426-431.	2.1	33
14	Acetylcholinesterase inhibition, antioxidant activity and toxicity of <i>Peumus boldus</i> water extracts on HeLa and Caco-2 cell lines. <i>Food and Chemical Toxicology</i> , 2012, 50, 2656-2662.	1.8	32
15	Evaluation of cholesterol absorption and biosynthesis by decoctions of <i>Annona cherimola</i> leaves. <i>Journal of Ethnopharmacology</i> , 2013, 150, 718-723.	2.0	30
16	Interaction between <i>Plectranthus barbatus</i> herbal tea components and acetylcholinesterase: binding and activity studies. <i>Food and Function</i> , 2012, 3, 1176.	2.1	28
17	Inhibition of HMG-CoA reductase activity and cholesterol permeation through Caco-2 cells by caffeoylquinic acids from <i>Vernonia condensata</i> leaves. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 738-743.	0.6	27
18	The inhibitory effect of <i>Plectranthus barbatus</i> and <i>Plectranthus ecklonii</i> leaves on the viability, glucosyltransferase activity and biofilm formation of <i>Streptococcus sobrinus</i> and <i>Streptococcus mutans</i> . <i>Food Chemistry</i> , 2010, 119, 664-668.	4.2	26

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19	Herbal infusions bioelectrochemical polyphenolic index: Green tea – The gallic acid interference. Food Chemistry, 2011, 129, 1537-1543.	4.2	22
20	In vitro digestion, antioxidant and antiacetylcholinesterase activities of two species of Ruta: Ruta chalepensis and Ruta montana. Pharmaceutical Biology, 2017, 55, 101-107.	1.3	22
21	Label-Free in Situ Quantification of Drug in Living Cells at Micromolar Levels Using Infrared Spectroscopy. Analytical Chemistry, 2014, 86, 11673-11679.	3.2	18
22	Valorization of kiwifruit production: leaves of the pruning branches of Actinidia deliciosa as a promising source of polyphenols. European Food Research and Technology, 2017, 243, 1343-1353.	1.6	15
23	Action of euptox A from Ageratina adenophora juice on human cell lines: A top-down study using FTIR spectroscopy and protein profiling. Toxicology in Vitro, 2019, 57, 217-225.	1.1	15
24	Bioactivities of decoctions from Plectranthus species related to their traditional use on the treatment of digestive problems and alcohol intoxication. Journal of Ethnopharmacology, 2018, 220, 147-154.	2.0	14
25	Preventing damage of germanium optical material in attenuated total reflection-Fourier transform infrared (ATR-FTIR) studies of living cells. Vibrational Spectroscopy, 2017, 91, 59-67.	1.2	11
26	Digestibility and Bioavailability of the Active Components of <i>Erica australis</i> L. Aqueous Extracts and Their Therapeutic Potential as Acetylcholinesterase Inhibitors. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	0.5	5
27	Non-Destructive Label-Free Monitoring of Drug Intake in Live Cells using ATR FT-IR Spectroscopy. Biophysical Journal, 2015, 108, 493a.	0.2	2
28	New In Vitro Studies on the Bioprofile of Genista tenera Antihyperglycemic Extract. Natural Products and Bioprospecting, 2015, 5, 277-285.	2.0	2
29	Phytochemical Characterization and Biological Evaluation of the Aqueous and Supercritical Fluid Extracts from <i>Salvia sclareoides</i> Brot. Open Chemistry, 2017, 15, 82-91.	1.0	1