

Zeno Apostolides

List of Publications by Year in descending order

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46
papers

1,191
citations

430874

18
h-index

395702

33
g-index

46
all docs

46
docs citations

46
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Detoxification mechanisms of honey bees (<i>Apis mellifera</i>) resulting in tolerance of dietary nicotine. <i>Scientific Reports</i> , 2015, 5, 11779.	3.3	142
2	Comparison of the antioxidant content of fruits, vegetables and teas measured as vitamin C equivalents. <i>Toxicology</i> , 2001, 166, 63-69.	4.2	127
3	Simultaneous analysis of tea catechins, caffeine, gallic acid, theanine and ascorbic acid by micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , 2000, 876, 235-242.	3.7	109
4	The relationship between some chemical parameters and sensory evaluations for plain black tea (<i>Camellia sinensis</i>) produced in Kenya and comparison with similar teas from Malawi and South Africa. <i>Food Chemistry</i> , 2006, 97, 644-653.	8.2	60
5	Evaluation of the Anti-Diabetic Activity of Some Common Herbs and Spices: Providing New Insights with Inverse Virtual Screening. <i>Molecules</i> , 2019, 24, 4030.	3.8	60
6	Analysis of the theaflavin composition in black tea (<i>Camellia sinensis</i>) for predicting the quality of tea produced in Central and Southern Africa. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 517-525.	3.5	54
7	Analysis of caffeine and flavan-3-ol composition in the fresh leaf of <i>Camellia sinensis</i> for predicting the quality of the black tea produced in Central and Southern Africa. <i>Journal of the Science of Food and Agriculture</i> , 2000, 80, 1823-1830.	3.5	53
8	Global Tea Breeding. <i>Advanced Topics in Science and Technology in China</i> , 2012, , .	0.1	42
9	Proteomic and metabolomic analysis reveals rapid and extensive nicotine detoxification ability in honey bee larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 82, 41-51.	2.7	36
10	Anti-aging potential of extracts from <i>Sclerocarya birrea</i> (A. Rich.) Hochst and its chemical profiling by UPLC-Q-TOF-MS. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 54.	3.7	36
11	Analysis of black tea theaflavins by non-aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001, 919, 205-213.	3.7	34
12	Exploring African Medicinal Plants for Potential Anti-Diabetic Compounds with the DIA-DB Inverse Virtual Screening Web Server. <i>Molecules</i> , 2019, 24, 2002.	3.8	34
13	Metabolomics for a Millenniums-Old Crop: Tea Plant (<i>Camellia sinensis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6445-6457.	5.2	32
14	Antioxidant and anti-inflammatory properties of <i>Ilex guayusa</i> tea preparations: a comparison to <i>Camellia sinensis</i> teas. <i>Food and Function</i> , 2017, 8, 4601-4610.	4.6	30
15	A validated HPLC method for determining residues of a dual active ingredient anti-malarial drug on manufacturing equipment surfaces. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 461-468.	2.8	29
16	Identification of novel QTL for black tea quality traits and drought tolerance in tea plants (<i>Camellia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.6	29
17	Animal Models Used for the Evaluation of Antiretroviral Therapies. <i>Current HIV Research</i> , 2006, 4, 431-446.	0.5	26
18	The metabolic fate of nectar nicotine in worker honey bees. <i>Journal of Insect Physiology</i> , 2017, 98, 14-22.	2.0	22

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19	Functional annotation of putative QTL associated with black tea quality and drought tolerance traits. <i>Scientific Reports</i> , 2019, 9, 1465.	3.3	22
20	SWAPDT: A method for Short-time Withering Assessment of Probability for Drought Tolerance in <i>Camellia sinensis</i> validated by targeted metabolomics. <i>Journal of Plant Physiology</i> , 2016, 198, 39-48.	3.5	19
21	Antioxidant supplementation can reduce the survival costs of excess amino acid intake in honeybees. <i>Journal of Insect Physiology</i> , 2014, 71, 78-86.	2.0	16
22	The antimicrobial effect of colistin methanesulfonate on <i>Mycobacterium tuberculosis</i> in vitro. <i>Tuberculosis</i> , 2015, 95, 440-446.	1.9	16
23	Inhibition of α -glucosidase and α -amylase by herbal compounds for the treatment of type 2 diabetes: A validation of in silico reverse docking with in vitro enzyme assays. <i>Journal of Diabetes</i> , 2021, 13, 779-791.	1.8	16
24	Screening of Tea (<i>Camellia sinensis</i>) for Trait-Associated Molecular Markers. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 437-449.	2.9	14
25	High-performance liquid chromatography of some coenzyme M (2-mercaptoethanesulphonic acid) derivatives by ion pairing on reversed-phase columns. <i>Journal of Chromatography A</i> , 1982, 246, 304-307.	3.7	13
26	Anti-proliferative properties of commercial <i>Pelargonium sidoides</i> tincture, with cell-cycle G ₀ /G ₁ arrest and apoptosis in Jurkat leukaemia cells. <i>Pharmaceutical Biology</i> , 2016, 54, 1831-1840.	2.9	13
27	Immunohistochemical localization of caffeine in young <i>Camellia sinensis</i> (L.) O. Kuntze (tea) leaves. <i>Planta</i> , 2013, 237, 849-858.	3.2	12
28	Exploring the anti-proliferative activity of <i>Pelargonium sidoides</i> DC with in silico target identification and network pharmacology. <i>Molecular Diversity</i> , 2017, 21, 809-820.	3.9	12
29	Determination of PHB in activated sludge by a gas chromatographic method. <i>European Journal of Applied Microbiology and Biotechnology</i> , 1981, 13, 62-63.	1.3	8
30	Computer assisted instruction in biochemistry. <i>Biochemical Education</i> , 1987, 15, 129-133.	0.1	7
31	Determination of Scoparone in Citrus Roots by Micellar Electrokinetic Capillary Chromatography. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 519-521.	1.4	7
32	Volatile constituents of fruit pulp of <i>Strychnos cocculoides</i> (Baker) growing in Malawi using solid phase microextraction. <i>South African Journal of Botany</i> , 2013, 84, 11-12.	2.5	7
33	Activity-guided isolation and identification of the major antioxidant and anticancer compounds from a commercial <i>Pelargonium sidoides</i> tincture. <i>Medicinal Chemistry Research</i> , 2015, 24, 3838-3852.	2.4	7
34	Towards developing a metabolic-marker based predictive model for <i>Phytophthora nicotianae</i> tolerance in citrus rootstocks. <i>Journal of Plant Pathology</i> , 2018, 100, 269-277.	1.2	7
35	Metabolomic Fingerprinting of Potato Cultivars Differing in Susceptibility to <i>Spongospora subterranea</i> f. sp. <i>subterranea</i> Root Infection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3788.	4.1	7
36	Influence of moisture stress on growth, dry matter yield and allocation, water use and water-use efficiency of four <i>Indigofera</i> species. <i>African Journal of Range and Forage Science</i> , 2007, 24, 25-34.	1.4	5

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37	Assessment of MEKC suitability for residue drug monitoring on pharmaceutical manufacturing equipment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 631-638.	2.8	5
38	Headspace volatiles of the edible fruit pulp of <i>Parinari curatellifolia</i> growing in Malawi using solid phase microextraction. <i>South African Journal of Botany</i> , 2014, 90, 128-130.	2.5	5
39	Alternative pathway implicated as an influencing factor in the synthesis of theaflavin. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 298-309.	2.0	5
40	Combined linkage and association mapping of putative QTLs controlling black tea quality and drought tolerance traits. <i>Euphytica</i> , 2019, 215, 1.	1.2	5
41	Genome-enabled prediction models for black tea (<i>Camellia sinensis</i>) quality and drought tolerance traits. <i>Plant Breeding</i> , 2020, 139, 1003-1015.	1.9	2
42	UPLC-MS based metabolomics analysis reveals metabolite compositional differences between Kenyan Commercial and NonCommercial black tea (<i>Camellia sinensis</i> L.) cultivars.., 2021, 1, 19-29.		2
43	Screening of Candidate Bioactive Secondary Plant Metabolite Ion-Features from <i>Moringa oleifera</i> Accessions Associated with High and Low Enteric Methane Inhibition from Ruminants. <i>Metabolites</i> , 2022, 12, 501.	2.9	2
44	Prioritising the Replanting Schedule of Seedling Tea Fields on Tea Estates for Drought Susceptibility Measured by the SWAPDT Method in the Absence of Historical In-filling Records. <i>Journal of Agricultural Science</i> , 2018, 10, 26.	0.2	1
45	Untargeted metabolomics reveals differences between commercial and non-commercial <i>Camellia sinensis</i> cultivars used in black tea production. <i>Journal of Plant Biochemistry and Biotechnology</i> , 0, , 1.	1.7	1
46	Rol van tekorte aan sekere makro-elemente by verdraagsaamheid van mielies (<i>Zea mays</i> L.) teenoor atrasien. <i>South African Journal of Plant and Soil</i> , 1986, 3, 130-134.	1.1	0