Paolo Zucca

List of Publications by Year
in descending order

50 papers	3,387 citations	218592 26 h-index	189801 50 g-index
51 all docs	51 docs citations	51 times ranked	4700 citing authors

#	Article	IF	Citations
1	Lifestyle, Oxidative Stress, and Antioxidants: Back and Forth in the Pathophysiology of Chronic Diseases. Frontiers in Physiology, 2020, 11, 694.	1.3	833
2	The Therapeutic Potential of Naringenin: A Review of Clinical Trials. Pharmaceuticals, 2019, 12, 11.	1.7	470
3	Inorganic Materials as Supports for Covalent Enzyme Immobilization: Methods and Mechanisms. Molecules, 2014, 19, 14139-14194.	1.7	354
4	Agarose and Its Derivatives as Supports for Enzyme Immobilization. Molecules, 2016, 21, 1577.	1.7	227
5	Allicin and health: A comprehensive review. Trends in Food Science and Technology, 2019, 86, 502-516.	7.8	127
6	Plant-Derived Bioactives and Oxidative Stress-Related Disorders: A Key Trend towards Healthy Aging and Longevity Promotion. Applied Sciences (Switzerland), 2020, 10, 947.	1.3	103
7	Supercritical CO₂ Extract of Cinnamomum zeylanicum: Chemical Characterization and Antityrosinase Activity. Journal of Agricultural and Food Chemistry, 2007, 55, 10022-10027.	2.4	97
8	Aflatoxin B1 and M1 Degradation by Lac2 from Pleurotus pulmonarius and Redox Mediators. Toxins, 2016, 8, 245.	1.5	95
9	Phytotherapeutics in cancer invasion and metastasis. Phytotherapy Research, 2018, 32, 1425-1449.	2.8	88
10	Tannin profile, antioxidant properties, and antimicrobial activity of extracts from two Mediterranean species of parasitic plant Cytinus. BMC Complementary and Alternative Medicine, 2019, 19, 82.	3.7	73
11	Degradation of Alizarin Red S under mild experimental conditions by immobilized 5,10,15,20-tetrakis(4-sulfonatophenyl)porphineâ€“Mn(III) as a biomimetic peroxidase-like catalyst. Journal of Molecular Catalysis A, 2008, 288, 97-102.	4.8	61
12	Induction, purification, and characterization of a laccase isozyme from Pleurotus sajor-caju and the potential in decolorization of textile dyes. Journal of Molecular Catalysis B: Enzymatic, 2011, 68, 216-222.	1.8	54
13	Fe(III)-5,10,15,20-tetrakis(pentafluorophenyl)porphine supported on pyridyl-functionalized, crosslinked poly(vinyl alcohol) as a biomimetic versatile-peroxidase-like catalyst. Journal of Molecular Catalysis A, 2009, 306, 89-96.	4.8	46
14	Identification and discrimination between some contaminant enzyme activities in commercial preparations of mushroom tyrosinase. Enzyme and Microbial Technology, 2007, 41, 620-627.	1.6	45
15	Biomimetic metalloporphines and metalloporphyrins as potential tools for delignification: Molecular mechanisms and application perspectives. Journal of Molecular Catalysis A, 2014, 388-389, 2-34.	4.8	42
16	Immobilized Lignin Peroxidase-Like Metalloporphyrins as Reusable Catalysts in Oxidative Bleaching of Industrial Dyes. Molecules, 2016, 21, 964.	1.7	40
17	5,10,15,20-Tetrakis(4-sulfonato-phenyl)porphine-Mn(III) immobilized on imidazole-activated silica as a novel lignin-peroxidase-like biomimetic catalyst. Journal of Molecular Catalysis A, 2007, 278, 220-227.	4.8	39
18	Structureâ€“Activity Relationship Study of Hydroxycoumarins and Mushroom Tyrosinase. Journal of Agricultural and Food Chemistry, 2015, 63, 7236-7244.	2.4	38

#	Article	IF	Citations
19	Fungal laccases as tools for biodegradation of industrial dyes. Biocatalysis, 2016, 1, .	2.3	38
20	Evaluation of Antioxidant Potential of â€œMaltese Mushroomâ€•(Cynomorium coccineum) by Means of Multiple Chemical and Biological Assays. Nutrients, 2013, 5, 149-161.	1.7	36
21	Umbelliferone and Esculetin: Inhibitors or Substrates for Polyphenol Oxidases?. Biological and Pharmaceutical Bulletin, 2008, 31, 2187-2193.	0.6	33
22	Chemical composition and effect on intestinal Caco-2 cell viability and lipid profile of fixed oil from Cynomorium coccineum L.. Food and Chemical Toxicology, 2012, 50, 3799-3807.	1.8	33
23	Nucleotide Recognition and Phosphate Linkage Hydrolysis at a Lipid Cubic Interface. Journal of the American Chemical Society, 2010, 132, 16176-16184.	6.6	31
24	Degradation of textile dyes using immobilized lignin peroxidase-like metalloporphines under mild experimental conditions. Chemistry Central Journal, 2012, 6, 161.	2.6	30
25	Mediterranean shrubs as potential antioxidant sources. Natural Product Research, 2008, 22, 689-708.	1.0	29
26	Is the bleaching of phenosafranine by hydrogen peroxide oxidation catalyzed by silica-supported 5,10,15,20-tetrakis-(sulfonatophenyl)porphine-Mn(III) really biomimetic?. Journal of Molecular Catalysis A, 2010, 321, 27-33.	4.8	28
27	Vanilloid Derivatives as Tyrosinase Inhibitors Driven by Virtual Screeningâ€Based QSAR Models. Drug Testing and Analysis, 2011, 3, 176-181.	1.6	26
28	Antimicrobial, antioxidant and anti-tyrosinase properties of extracts of the Mediterranean parasitic plant Cytinus hypocistis. BMC Research Notes, 2015, 8, 562.	0.6	23
29	Epithelial-mesenchymal transition as a target for botanicals in cancer metastasis. Phytomedicine, 2019, 55, 125-136.	2.3	23
30	Cofactor Recycling for Selective Enzymatic Biotransformation of Cinnamaldehyde to Cinnamyl Alcohol. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1224-1226.	0.6	21
31	Isolation and characterization of polyphenol oxidase from Sardinian poisonous and non-poisonous chemotypes of Ferula communis (L.). Phytochemistry, 2013, 90, 16-24.	1.4	21
32	Biological Activities and Nutraceutical Potentials of Water Extracts from Different Parts of Cynomorium coccineum L. (Maltese Mushroom). Polish Journal of Food and Nutrition Sciences, 2016, 66, 179-188.	0.6	18
33	Nanosizing Cynomorium: Thumbs up for Potential Antifungal Applications. Inventions, 2017, 2, 24.	1.3	17
34	Chemical Composition and Antioxidant Potential Differences between Cynomorium coccineum L. Growing in Italy and in Tunisia: Effect of Environmental Stress. Diversity, 2018, 10, 53.	0.7	16
35	Common bean (Phaseolus vulgaris L.) Î±â€amylase inhibitors as safe nutraceutical strategy against diabetes and obesity: An update review. Phytotherapy Research, 2022, 36, 2803-2823.	2.8	16
36	Antioxidant potential of family Cucurbitaceae with special emphasis on Cucurbita genus: A key to alleviate oxidative stressâ€mediated disorders. Phytotherapy Research, 2021, 35, 3533-3557.	2.8	14

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37	Astringent drugs for bleedings and diarrhoea: The history of Cynomorium coccineum (Maltese) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	13
38	Plants as a Promising Reservoir of Tyrosinase Inhibitors. Mini-Reviews in Organic Chemistry, 2021, 18, 808-828.	0.6	11
39	Physiological and Phylogenetic Characterization of Rhodotorula diobovata DSBCA06, a Nitrophilous Yeast. Biology, 2018, 7, 39.	1.3	10
40	The Modern Use of an Ancient Plant: Exploring the Antioxidant and Nutraceutical Potential of the Maltese Mushroom (Cynomorium Coccineum L.). Antioxidants, 2019, 8, 289.	2.2	10
41	Imidazole versus pyridine as ligands for metalloporphine immobilization in ligninolytic peroxidases-like biomimetic catalysts. Journal of Molecular Catalysis A, 2014, 394, 129-136.	4.8	8
42	Sisymbrium officinale, the Plant of Singers: A Review of Its Properties and Uses. Planta Medica, 2020, 86, 307-311.	0.7	8
43	Ligninolytic Peroxidase-Like Activity of a Synthetic Metalloporphine Immobilized onto Mercapto-Grafted Crosslinked PVA Inspired by the Active Site of Cytochrome P450. Chinese Journal of Catalysis, 2011, 32, 1663-1666.	6.9	7
44	Antiproliferative and antiviral activity of methanolic extracts from Sardinian Maltese Mushroom (Cynomorium coccineum L.). Natural Product Research, 2019, 35, 1-5.	1.0	7
45	Bacillus subtilis fadB (ysiB) gene encodes an enoyl-CoA hydratase. Annals of Microbiology, 2011, 61, 371-374.	1.1	6
46	Biomimetic Sulfide Oxidation by the Means of Immobilized Fe(III)-5,10,15,20-tetrakis(pentafluorophenyl)porphin under Mild Experimental Conditions. Journal of Chemistry, 2013, 2013, 1-7.	0.9	5
47	Bioinspired versus Enzymatic Oxidation of Some Homologous Thionine Dyes in the Presence of Immobilized Metalloporphyrin Catalysts and Ligninolytic Enzymes. International Journal of Molecular Sciences, 2017, 18, 2553.	1.8	5
48	Evaluation of the Antioxidant and Cytotoxic Activities on Cancer Cell Line of Extracts of Parasitic Plants Harvested in Tunisia. Polish Journal of Food and Nutrition Sciences, 0, , 253-263.	0.6	5
49	Sporobolomyces salmonicolor AS A TOOL FOR NITRATE REMOVAL FROM WASTEWATERS. Environmental Engineering and Management Journal, 2012, 11, 1455-1460.	0.2	4
50	Absence of Polyphenol Oxidase in Cynomorium coccineum, a Widespread Holoparasitic Plant. Plants, 2020, 9, 964.	1.6	2