

Alessandro Palmioli

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

863
citations

471509

17
h-index

501196

28
g-index

42
all docs

42
docs citations

42
times ranked

1357
citing authors

#	ARTICLE	IF	CITATIONS
1	Coffee variety, origin and extraction procedure: Implications for coffee beneficial effects on human health. <i>Food Chemistry</i> , 2019, 278, 47-55.	8.2	77
2	Designing nanomolar antagonists of DC-SIGN-mediated HIV infection: ligand presentation using molecular rods. <i>Chemical Communications</i> , 2015, 51, 3816-3819.	4.1	74
3	Green coffee extract enhances oxidative stress resistance and delays aging in <i>Caenorhabditis elegans</i> . <i>Journal of Functional Foods</i> , 2017, 33, 297-306.	3.4	49
4	Flavonoids in the Treatment of Alzheimer's and Other Neurodegenerative Diseases. <i>Current Medicinal Chemistry</i> , 2018, 25, 3228-3246.	2.4	49
5	NMR-driven identification of anti-amyloidogenic compounds in green and roasted coffee extracts. <i>Food Chemistry</i> , 2018, 252, 171-180.	8.2	47
6	Natural Compounds in Cancer Prevention: Effects of Coffee Extracts and Their Main Polyphenolic Component, Caffeoylquinic Acid, on Oncogenic Ras Proteins. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2457-2466.	3.3	46
7	Glyco-functionalized dinuclear rhenium complexes for cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1686-1699.	2.8	38
8	First experimental identification of Ras-inhibitor binding interface using a water-soluble Ras ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4217-4222.	2.2	36
9	Selective cytotoxicity of a bicyclic Ras inhibitor in cancer cells expressing K-RasG13D. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 593-597.	2.1	35
10	Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 938-950.	4.3	35
11	Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. <i>Journal of Immunology</i> , 2015, 195, 5602-5607.	0.8	30
12	New clickable-polymeric coating for glycan microarrays. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 412-420.	7.8	28
13	Metabolomic profiling of beers: Combining ¹ H NMR spectroscopy and chemometric approaches to discriminate craft and industrial products. <i>Food Chemistry</i> , 2020, 327, 127025.	8.2	27
14	bioNMR-based identification of natural anti-A β compounds in <i>Peucedanum ostruthium</i> . <i>Bioorganic Chemistry</i> , 2019, 83, 76-86.	4.1	26
15	PLGA Based Nanoparticles for the Monocyte-Mediated Anti-Tumor Drug Delivery System. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 212-223.	1.1	26
16	Towards a Universal Approach Based on Omics Technologies for the Quality Control of Food. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	25
17	Glucose-Derived Ras Pathway Inhibitors: Evidence of Ras-Ligand Binding and Ras-GEF (Cdc25) Interaction Inhibition. <i>ChemBioChem</i> , 2007, 8, 1376-1379.	2.6	23
18	Binding properties and biological characterization of new sugar-derived Ras ligands. <i>MedChemComm</i> , 2011, 2, 396.	3.4	16

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19	Targeting Bacterial Biofilm: A New LecA Multivalent Ligand with Inhibitory Activity. <i>ChemBioChem</i> , 2019, 20, 2911-2915.	2.6	15
20	NMR-based Lavado cocoa chemical characterization and comparison with fermented cocoa varieties: Insights on cocoa's anti-amyloidogenic activity. <i>Food Chemistry</i> , 2021, 341, 128249.	8.2	15
21	Glycofunctionalization of Poly(lactic-co-glycolic acid) Polymers: Building Blocks for the Generation of Defined Sugar-Coated Nanoparticles. <i>Organic Letters</i> , 2018, 20, 3509-3512.	4.6	14
22	Anticancer Effects of Wild Mountain <i>Mentha longifolia</i> Extract in Adrenocortical Tumor Cell Models. <i>Frontiers in Pharmacology</i> , 2019, 10, 1647.	3.5	14
23	On-cell saturation transfer difference NMR study of Bombesin binding to GRP receptor. <i>Bioorganic Chemistry</i> , 2020, 99, 103861.	4.1	12
24	Linear biocompatible glyco-polyamidoamines as dual action mode virus infection inhibitors with potential as broad-spectrum microbicides for sexually transmitted diseases. <i>Scientific Reports</i> , 2016, 6, 33393.	3.3	10
25	Structure-Activity Studies on Arylamides and Arylsulfonamides Ras Inhibitors. <i>Current Cancer Drug Targets</i> , 2010, 10, 192-199.	1.6	9
26	A New Surface Plasmon Resonance Assay for In Vitro Screening of Mannose-Binding Lectin Inhibitors. <i>Journal of Biomolecular Screening</i> , 2016, 21, 749-757.	2.6	9
27	Glycodendron-rhenium complexes as luminescent probes for lectin sensing. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8413-8419.	2.8	9
28	Solution Behavior of Amphiphilic Glycodendrimers with a Rod-Like Core. <i>Macromolecular Bioscience</i> , 2016, 16, 896-905.	4.1	8
29	Scaffold Optimisation of Tetravalent Antagonists of the Mannose Binding Lectin. <i>Chemistry - A European Journal</i> , 2016, 22, 3686-3691.	3.3	7
30	The Multi-Level Mechanism of Action of a Pan-Ras Inhibitor Explains its Antiproliferative Activity on Cetuximab-Resistant Cancer Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 625979.	3.5	7
31	Tubulin binding potentially clears up Bortezomib and Carfilzomib differential neurotoxic effect. <i>Scientific Reports</i> , 2021, 11, 10523.	3.3	7
32	Different phytotoxic effect of <i>Lolium multiflorum</i> Lam. leaves against <i>Echinochloa oryzoides</i> (Ard.) Fritsch and <i>Oriza sativa</i> L.. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33204-33214.	5.3	6
33	Phytotoxicity, nematocidal activity and chemical constituents of <i>Peucedanum ostruthium</i> (L.) W.D.J.Koch (Apiaceae). <i>Industrial Crops and Products</i> , 2021, 166, 113499.	5.2	6
34	NMR-Driven Identification of Cinnamon Bud and Bark Components With Anti- $\text{A}\beta^2$ Activity. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	6
35	Glycan Carriers As Glycotools for Medicinal Chemistry Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 6349-6398.	2.4	5
36	Green and Roasted Coffee Extracts Inhibit Interferon- β Release in LPS-Stimulated Human Macrophages. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	5

#	ARTICLE	IF	CITATIONS
37	Targeting GRP receptor: Design, synthesis and preliminary biological characterization of new non-peptide antagonists of bombesin. <i>Bioorganic Chemistry</i> , 2021, 109, 104739.	4.1	4
38	On-cell saturation transfer difference NMR for the identification of FimH ligands and inhibitors. <i>Bioorganic Chemistry</i> , 2021, 112, 104876.	4.1	4
39	A new isoluminol reagent for chemiluminescence labeling of proteins. <i>Tetrahedron Letters</i> , 2013, 54, 4446-4450.	1.4	2
40	Synthesis, Molecular Modeling and Biological Evaluation of Metabolically Stable Analogues of the Endogenous Fatty Acid Amide Palmitoylethanolamide. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9074.	4.1	1
41	Synthesis of C- and S-Glycosides. , 2021, , 160-199.		1