

Maria Antonietta Dettori

List of Publications by Year in descending order

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56
papers

910
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430754

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501076

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60
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60
docs citations

60
times ranked

1269
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiproliferative and pro-apoptotic activity of eugenol-related biphenyls on malignant melanoma cells. <i>Molecular Cancer</i> , 2007, 6, 8.	7.9	106
2	Ceftriaxone Blocks the Polymerization of β -Synuclein and Exerts Neuroprotective Effects in Vitro. <i>ACS Chemical Neuroscience</i> , 2014, 5, 30-38.	1.7	60
3	Small molecules interacting with β -synuclein: antiaggregating and cytoprotective properties. <i>Amino Acids</i> , 2013, 45, 327-338.	1.2	52
4	Natural and Natural-like Phenolic Inhibitors of Type B Trichothecene <i>in Vitro</i> Production by the Wheat (<i>Triticum</i> sp.) Pathogen <i>Fusarium culmorum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4969-4978.	2.4	50
5	Antioxidant potential of curcumin-related compounds studied by chemiluminescence kinetics, chain-breaking efficiencies, scavenging activity (ORAC) and DFT calculations. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1398-1411.	1.3	45
6	Enhanced anti-tumor activity of a new curcumin-related compound against melanoma and neuroblastoma cells. <i>Molecular Cancer</i> , 2010, 9, 137.	7.9	44
7	Synthesis of magnolol and honokiol derivatives and their effect against hepatocarcinoma cells. <i>PLoS ONE</i> , 2018, 13, e0192178.	1.1	32
8	Preparation and resolution of 2,2-dimercapto-6,6-dimethoxy-1,1-biphenyl: a C2-symmetric sulfur building block. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2819-2826.	1.8	31
9	Honokiol, magnolol and its monoacetyl derivative show strong anti-fungal effect on <i>Fusarium</i> isolates of clinical relevance. <i>PLoS ONE</i> , 2019, 14, e0221249.	1.1	30
10	Access to optically active 2,2-dihydroxy-6,6-dimethoxy-1,1-biphenyl by a simple biocatalytic procedure. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3267-3270.	1.8	26
11	Protective effects of equimolar mixtures of monomer and dimer of dehydrozingerone with β -tocopherol and/or ascorbyl palmitate during bulk lipid autoxidation. <i>Food Chemistry</i> , 2014, 157, 263-274.	4.2	22
12	Molecular changes induced by the curcumin analogue D6 in human melanoma cells. <i>Molecular Cancer</i> , 2013, 12, 37.	7.9	21
13	The Nutraceutical Dehydrozingerone and Its Dimer Counteract Inflammation- and Oxidative Stress-Induced Dysfunction of <i>In Vitro</i> Cultured Human Endothelial Cells: A Novel Perspective for the Prevention and Therapy of Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 1-12.	1.9	21
14	Low electro-synthesis potentials improve permselectivity of polymerized natural phenols in biosensor applications. <i>Talanta</i> , 2017, 162, 151-158.	2.9	21
15	Stereoselective oxazaborolidine-borane reduction of biphenyl alkyl diketones lignin models: enantiopure dehydrodiapocynol derivatives. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2467-2474.	1.8	20
16	Hydroxylated biphenyls as tyrosinase inhibitor: A spectrophotometric and electrochemical study. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1034-1038.	2.6	20
17	Electroactive C2 Symmetry Receptors Based on the Biphenyl Scaffold and Tetrathiafulvalene Units. <i>Journal of Organic Chemistry</i> , 2006, 71, 9096-9103.	1.7	19
18	Regioselective halogenation of biphenyls for preparation of valuable polyhydroxylated biphenyls and diquinones. <i>Tetrahedron</i> , 2006, 62, 635-639.	1.0	19

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19	Electropolymerized phenol derivatives as permselective polymers for biosensor applications. <i>Analyst</i> , 2015, 140, 3607-3615.	1.7	18
20	Association between Attention and Heart Rate Fluctuations in Pathological Worriers. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 648.	1.0	17
21	Synthesis of new ferrocenyl dehydrozingerone derivatives and their effects on viability of PC12 cells. <i>Polyhedron</i> , 2016, 117, 80-89.	1.0	16
22	Chiral nonracemic C ₂ -symmetry biphenyls by desymmetrization of 6,6'-di-2,2'-tetramethoxy-1,1'-biphenyl. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4417-4427.	1.8	15
23	Structural Characterization of Imazalil/ β -Cyclodextrin Inclusion Complex. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1590-1593.	2.4	15
24	Naturally Occurring Phenols Modulate Vegetative Growth and Deoxynivalenol Biosynthesis in <i>Fusarium graminearum</i> . <i>ACS Omega</i> , 2020, 5, 29407-29415.	1.6	15
25	High-Performance Liquid Chromatographic Enantioseparation of Atropisomeric Biphenyls on Seven Chiral Stationary Phases. <i>Current Organic Chemistry</i> , 2011, 15, 1208-1229.	0.9	15
26	C ₂ -Symmetric sulfur derivatives of 2,2',3,3'-tetramethoxybiphenyl. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1451-1458.	1.8	12
27	Synthesis and biocatalytic resolution of a new atropisomeric thiobiphenyl: (2,2',6,6'-tetramethoxybiphenyl-3,3'-diyl)dimethanethiol. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1079-1084.	1.8	12
28	Natural Chain-Breaking Antioxidants and Their Synthetic Analogs as Modulators of Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 624.	2.2	12
29	Phthalimidesulfonyl chloride part 13.1 3,3'-regioselective thiofunctionalization of atropisomeric 2,2'-biphenols. <i>Tetrahedron Letters</i> , 1999, 40, 4421-4424.	0.7	11
30	Enantiopure 2,2'-dihydroxy-3,3'-dimethoxy-5,5'-diallyl-6,6'-dibromo-1,1'-biphenyl: a conformationally stable C ₂ -dimer of a eugenol derivative. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 275-282.	1.8	10
31	Synthesis and Studies of the Inhibitory Effect of Hydroxylated Phenylpropanoids and Biphenols Derivatives on Tyrosinase and Laccase Enzymes. <i>Molecules</i> , 2020, 25, 2709.	1.7	10
32	Anticancer Activity of Two Novel Hydroxylated Biphenyl Compounds toward Malignant Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5636.	1.8	10
33	Enantiopure atropisomeric phosphorothioates and phosphorothioamidates. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 413-416.	1.8	9
34	Protein expression changes induced in a malignant melanoma cell line by the curcumin analogue compound D6. <i>BMC Cancer</i> , 2016, 16, 317.	1.1	8
35	6,6'-Dibromo-3,3'-dimethoxy-2,2'-dihydroxy-1,1'-biphenyl: preparation and resolution. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1827-1833.	1.8	7
36	Antioxidant properties of novel curcumin analogues: A combined experimental and computational study. <i>Journal of Food Biochemistry</i> , 2021, 45, e13584.	1.2	7

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37	Hydroxylated biphenyl derivatives are positive modulators of human GABAA receptors. <i>European Journal of Pharmacology</i> , 2012, 693, 45-50.	1.7	6
38	4-Substituted-2-Methoxyphenol: Suitable Building Block to Prepare New Bioactive Natural-like Hydroxylated Biphenyls. <i>Letters in Drug Design and Discovery</i> , 2014, 12, 131-139.	0.4	6
39	Use of β -cyclodextrin as enhancer of ascorbic acid rejection in permselective films for amperometric biosensor applications. <i>Talanta</i> , 2018, 186, 53-59.	2.9	6
40	Desymmetrization of 2,2',6,6'-tetramethoxybiphenyl by regioselective sulfonylation reaction. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3313-3317.	1.8	5
41	Association between olfactory sensitivity and behavioral responses of <i>Drosophila suzukii</i> to naturally occurring volatile compounds. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21669.	0.6	5
42	2,2'-Dihydroxy-3,3'-dimethoxy-5,5'-dimethyl-6,6'-dibromo-1,1'-biphenyl: preparation, resolution, structure and biological activity. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 414-423.	1.8	4
43	Antamanide Analogs as Potential Inhibitors of Tyrosinase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6240.	1.8	4
44	Stereoselective oxazaborolidine-catalyzed borane reduction of biphenyl methyl diketones: influence of biphenyl substitution pattern. <i>Tetrahedron</i> , 2004, 60, 10305-10310.	1.0	3
45	Synthesis of Hydroxylated Biphenyl Derivatives Bearing an α,β -Unsaturated Ketone as a Lead Structure for the Development of Drug Candidates against Malignant Melanoma. <i>ChemMedChem</i> , 2021, 16, 1022-1033.	1.6	3
46	Prenylated Trans-Cinnamic Esters and Ethers against Clinical <i>Fusarium</i> spp.: Repositioning of Natural Compounds in Antimicrobial Discovery. <i>Molecules</i> , 2021, 26, 658.	1.7	3
47	Antiradical and Antioxidant Activities of New Natural-like Hydroxylated Biphenyls of Dehydrozingerone, Zingerone and Ferulic Acid. <i>Comptes Rendus De L'Academie Bulgare Des Sciences</i> , 2013, 66, .	0.1	3
48	Lipase behavior in the stereoselective transesterification of zingerol-like derivatives and related biphenyls. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 90, 107-113.	1.8	2
49	Letters in Organic Chemistry [Diethylzinc-Mediated Allylation of Natural Biphenyls by η^2 -1,1-Dimethyleneallylpalladium Complexes]. <i>Letters in Organic Chemistry</i> , 2005, 2, 214-218.	0.2	1
50	278 POSTER New curcumin analogues show enhanced antitumour activity in malignant melanoma cells. <i>European Journal of Cancer, Supplement</i> , 2008, 6, 90.	2.2	1
51	7009 POSTER Antiproliferative activity of eugenol and curcumin related biphenyls on malignant melanoma cell lines. <i>European Journal of Cancer, Supplement</i> , 2007, 5, 398.	2.2	0
52	Aflibercept in combination with FOLFIRI for the 2nd-line treatment of patients with metastatic colorectal cancer (MCRC): safety data from a single institute experience. <i>Annals of Oncology</i> , 2017, 28, vi15.	0.6	0
53	447P Long term survival with regorafenib: REALITY (real life in Italy) trial - A GISCAD Study. <i>Annals of Oncology</i> , 2020, 31, S432.	0.6	0
54	SOLUTION STRUCTURE OF IMAZALIL/ β -CYCLODEXTRIN INCLUSION COMPLEX. <i>Acta Horticulturae</i> , 2005, , 1451-1458.	0.1	0

#	ARTICLE	IF	CITATIONS
55	Abstract B202: A new curcumin analogue compound endowed with strong antitumor activity against neuroectoderma-derived cancers. , 2009, , .		0
56	Abstract 3804: Molecular changes induced by the curcumin biphenyl analogue D6 in melanoma cells. , 2012, , .		0