

Davidegaetano Fabbri

List of Publications by Year in descending order

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times ranked

2149
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#	ARTICLE	IF	CITATIONS
1	Antamanide Analogs as Potential Inhibitors of Tyrosinase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6240.	1.8	4
2	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
3	Antioxidant properties of novel curcumin analogues: A combined experimental and computational study. <i>Journal of Food Biochemistry</i> , 2021, 45, e13584.	1.2	7
4	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
5	Natural Chain-Breaking Antioxidants and Their Synthetic Analogs as Modulators of Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 624.	2.2	12
6	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
7	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
8	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
9	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
10	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
11	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
12	Synthesis of magnolol and honokiol derivatives and their effect against hepatocarcinoma cells. <i>PLoS ONE</i> , 2018, 13, e0192178.	1.1	32
13	Hydroxylated biphenyls as tyrosinase inhibitor: A spectrophotometric and electrochemical study. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1034-1038.	2.6	20
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	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
16	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
17	Synthesis of new ferrocenyl dehydrozingerone derivatives and their effects on viability of PC12 cells. <i>Polyhedron</i> , 2016, 117, 80-89.	1.0	16
18	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

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19	Characterization and biotransformation in the plasma and red blood cells of VIVO2+ complexes formed by ceftriaxone. <i>Journal of Inorganic Biochemistry</i> , 2015, 147, 71-84.	1.5	14
20	Electropolymerized phenol derivatives as permselective polymers for biosensor applications. <i>Analyst</i> , 2015, 140, 3607-3615.	1.7	18
21	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
22	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
23	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
24	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
25	Molecular changes induced by the curcumin analogue D6 in human melanoma cells. <i>Molecular Cancer</i> , 2013, 12, 37.	7.9	21
26	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
27	Small molecules interacting with β -synuclein: antiaggregating and cytoprotective properties. <i>Amino Acids</i> , 2013, 45, 327-338.	1.2	52
28	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
29	Hydroxylated biphenyl derivatives are positive modulators of human GABAA receptors. <i>European Journal of Pharmacology</i> , 2012, 693, 45-50.	1.7	6
30	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
31	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
32	Antiproliferative and pro-apoptotic activity of eugenol-related biphenyls on malignant melanoma cells. <i>Molecular Cancer</i> , 2007, 6, 8.	7.9	106
33	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
34	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
35	Regioselective halogenation of biphenyls for preparation of valuable polyhydroxylated biphenyls and diquinones. <i>Tetrahedron</i> , 2006, 62, 635-639.	1.0	19
36	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

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37	Ring-Closing Olefin Metathesis of 2,2'-Divinylbiphenyls: A Novel and General Approach to Phenanthrenes.. ChemInform, 2005, 36, no.	0.1	0
38	Letters in Organic Chemistry [Diethylzinc-Mediated Allylation of Natural Biphenyls by -1,1-Dimethyleneallylpalladium Complexes]. Letters in Organic Chemistry, 2005, 2, 214-218.	0.2	1
39	Enantiopure 2,2'-dihydroxy-3,3'-dimethoxy-5,5'-diallyl-6,6'-dibromo-1,1'-biphenyl: a conformationally stable C2-dimer of a eugenol derivative. Tetrahedron: Asymmetry, 2004, 15, 275-282.	1.8	10
40	Structural Characterization of Imazalil/ β -Cyclodextrin Inclusion Complex. Journal of Agricultural and Food Chemistry, 2004, 52, 1590-1593.	2.4	15
41	Ring-Closing Olefin Metathesis of 2,2'-Divinylbiphenyls: A Novel and General Approach to Phenanthrenes. Organic Letters, 2004, 6, 3711-3714.	2.4	103
42	Access to optically active 2,2'-dihydroxy-6,6'-dimethoxy-1,1'-biphenyl by a simple biocatalytic procedure. Tetrahedron: Asymmetry, 2003, 14, 3267-3270.	1.8	26
43	Palladium(0)-Catalyzed Allylation of 2,2'-Dihydroxybiphenyl by 1-Ethenylcyclopropyl Sulfonates: Preparation of 2,2'-Bis(cyclopropylideneethoxy)biphenyls.. ChemInform, 2003, 34, no.	0.1	0
44	Torsional angles in 6,6'-bridged atropisomeric biphenyls control the electrophilic substitution with phthalimidesulfonyl chloride. Tetrahedron, 2003, 59, 2131-2136.	1.0	6
45	Palladium(0)-Catalyzed Allylation of 2,2'-Dihydroxybiphenyl by 1-Ethenylcyclopropyl Sulfonates: Preparation of 2,2'-Bis(cyclopropylideneethoxy) biphenyls. Synthesis, 2002, 2002, 2271-2279.	1.2	7
46	Regiocontrolled Synthesis of Enantiopure 3,3'-Thiosubstituted Biphenyls. Journal of Organic Chemistry, 2002, 67, 2019-2026.	1.7	21
47	Stereoselective oxazaborolidine-catalyzed borane reduction of biphenyl alkyl ketones. Tetrahedron: Asymmetry, 2002, 13, 891-898.	1.8	17
48	C2-Symmetric sulfur derivatives of 2,2',3,3'-tetramethoxybiphenyl. Tetrahedron: Asymmetry, 2001, 12, 1451-1458.	1.8	12
49	Desymmetrization of 2,2',6,6'-tetramethoxybiphenyl by regioselective sulfonylation reaction. Tetrahedron: Asymmetry, 2001, 12, 3313-3317.	1.8	5
50	BINAPS - An axially chiral P₂-heterodonor ligand for asymmetric catalysis based on binaphthalene backbone. Canadian Journal of Chemistry, 2001, 79, 670-678.	0.6	38
51	Synthesis of P₂-Heterotopic Binaphthylidiphosphanes (BINAPP) Devoid of C2 Symmetry from 2,2'-Binaphthol. European Journal of Organic Chemistry, 2000, 2000, 2861-2865.	1.2	27
52	6,6'-Dibromo-3,3'-dimethoxy-2,2'-dihydroxy-1,1'-biphenyl: preparation and resolution. Tetrahedron: Asymmetry, 2000, 11, 1827-1833.	1.8	7
53	Chiral nonracemic C2-symmetry biphenyls by desymmetrization of 6,6',2,2'-tetramethoxy-1,1'-biphenyl. Tetrahedron: Asymmetry, 2000, 11, 4417-4427.	1.8	15
54	Enantiomerically pure 1-(2-methoxy-1-naphthyl) and 1-(2-methylthio-1-naphthyl)isoquinoline: two new axially chiral NO and NS ligands for asymmetric catalysis. Tetrahedron Letters, 1999, 40, 553-556.	0.7	32

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55	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
56	Condensation Of Chiral 1,3-Oxazolidines With Cathecol and 4,4'-Dibromobiphenol: New Enantiopure Polydentate Ligands With C ₂ -Symmetry. <i>Synthetic Communications</i> , 1999, 29, 2007-2012.	1.1	2
57	Synthesis, Structure, and Dynamic Behaviour of Transition Metal Chelate Complexes with Atropisomeric Dithioether Ligands. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 113-118.	1.0	20
58	2-Diphenylphosphino-2'-diphenylphosphinyl-1,1'-binaphthalene (BINAPO), an axially chiral heterobidentate ligand for enantioselective catalysis. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 391-395.	1.8	70
59	Enantioselective addition of diethylzinc to benzaldehyde in the presence of sulfur-containing pyridine ligands. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1933-1940.	1.8	26
60	Preparation and resolution of 2,2'-dimercapto-6,6'-dimethoxy-1,1'-biphenyl: a C ₂ -symmetric sulfur building block. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2819-2826.	1.8	31
61	C ₂ -SYMMETRY-ENANTIOPURE PHOSPHORO-THIOATES AND PHOSPHOROTHIOAMIDATES STARTING FROM 2,2',6,6'-BIPHENYLTETROL. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 0.8 128, 31-44.		10
62	Two new efficient preparations of enantiopure 2,2'-dihydroxy-6,6'-dimethoxy-1,1'-biphenyl. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 759-763.	1.8	20
63	Synthesis of Structurally Modified Atropisomeric Biaryl Dithiols. Observations on the Newman-Kwart Rearrangement. <i>Tetrahedron</i> , 1997, 53, 6073-6084.	1.0	46
64	Metal complexes with atropisomeric sulfur ligands in asymmetric hydroformylation X-ray structure of [Rh ₂ (1/4-biphes)(cod) ₂] (H ₂ biphes = 4,4'-biphenanthrene-3,3'-dithiol). <i>Journal of Organometallic Chemistry</i> , 1997, 545-546, 79-87.	0.8	28
65	Atropisomeric Binaphthalene-Core Phosphacyclic Derivatives in Coordination Chemistry and Homogeneous Catalysis. <i>Chemische Berichte</i> , 1997, 130, 543-554.	0.2	35
66	Opening and Hydrogenation of Dinaphtho[2,1-b:1',2'-d]thiophene (DNT) by Soluble Rhodium and Iridium Complexes. Homogeneous Hydrogenolysis of DNT to 1,1'-Binaphthalene-2-thiol by Rhodium Catalysis. <i>Organometallics</i> , 1996, 15, 4604-4611.	1.1	39
67	Conformational and Configurational Analysis of 4,4'-Biphenanthryl Derivatives and Related Helicenes by Circular Dichroism Spectroscopy and Cholesteric Induction in Nematic Mesophases. <i>Journal of Organic Chemistry</i> , 1996, 61, 2013-2019.	1.7	63
68	Enantiopure atropisomeric phosphorothioates and phosphorothioamidates. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 413-416.	1.8	9
69	Synthesis of Atropisomeric Heterotopic S-Donor Ligands through Asymmetrization of C ₂ -Symmetry 2,2'-Disubstituted 1,1'-Binaphthalene Derivatives. <i>Synlett</i> , 1996, 1996, 1054-1056.	1.0	10
70	New axially chiral sulfur compounds: Synthesis and conformational stability of enantiopure 4,4'-biphenanthrene-3,3'-dithiol and related atropisomeric derivatives. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 779-788.	1.8	38
71	Asymmetric hydroformylation of styrene catalysed by platinum-tin complexes with chiral bis-binaphthophosphole ligands. <i>Journal of Organometallic Chemistry</i> , 1995, 491, 91-96.	0.8	57
72	A Widely Applicable Method of Resolution of Binaphthyls: Preparation of Enantiomerically Pure 1,1'-Binaphthalene-2,2'-diol, 1,1'-Binaphthalene-2,2'-dithiol, 2'-Mercapto-1,1'-binaphthalen-2-ol, and 1,1'-Binaphthalene-8,8'-diol. <i>Journal of Organic Chemistry</i> , 1995, 60, 6599-6601.	1.7	48

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73	syn and anti Cycloaddition of singlet oxygen to bisdialine. Journal of the Chemical Society Chemical Communications, 1995, , 1887-1888.	2.0	9
74	Novel atropisomeric phosphorus ligands: 4,5-dihydro-3H-dinaphtho[2,1-c;1â€²,2â€²-e]phosphepine derivatives. Tetrahedron: Asymmetry, 1994, 5, 511-514.	1.8	142
75	Atropisomeric diaryl-core phosphole ligands: PdII and PtII complexes with P-phenyl dinaphthophosphole. Journal of Organometallic Chemistry, 1994, 475, 307-315.	0.8	16
76	Synthesis, Crystal Structure, Dynamic Behavior and Reactivity of Dinaphtho[2,1-b:1',2'-d]phospholes and Related Atropisomeric Phosphacyclic Derivatives. Journal of Organic Chemistry, 1994, 59, 6363-6371.	1.7	60
77	Thiophosphonates of 1,1-binaphthol as chiral equivalents of H ₂ S. Preparation of 2-mercaptanorbornanes and 2-mercaptanorbornenes. Tetrahedron: Asymmetry, 1993, 4, 1591-1596.	1.8	17
78	Preparation of enantiomerically pure 1,1'-binaphthalene-2,2'-diol and 1,1'-binaphthalene-2,2'-dithiol. Journal of Organic Chemistry, 1993, 58, 1748-1750.	1.7	120
79	Asymmetric hydroformylation of styrene by rhodium(I) catalysts with chiral ligands containing sulfur donors. Journal of the Chemical Society Chemical Communications, 1993, , 1833-1834.	2.0	34
80	Dinaphtho[2,1-b; 1â€²,2â€²-d]phospholes: a new class of atropisomeric phosphorus ligands. Journal of the Chemical Society Chemical Communications, 1993, , 1124-1125.	2.0	21
81	Alkyl- and arylsubstituted ketenedithioacetal tetraoxides: Diels-alder reactivity and reductive desulfonylation of the adducts. Tetrahedron, 1992, 48, 1485-1496.	1.0	29
82	1,2-bis(ARYLSULFONYL)ALKENES. A REVIEW. Organic Preparations and Procedures International, 1991, 23, 571-592.	0.6	11
83	A RAPID PREPARATION OF 2,2â€²-DIMERCAPTOBIPHENYL. Organic Preparations and Procedures International, 1991, 23, 455-457.	0.6	17
84	Diels-Alder reactions of 1,2-(1,1'-binaphthalene-2,2'-diyldisulfonyl)ethylene with symmetrical and unsymmetrical dienes. Journal of Organic Chemistry, 1991, 56, 1888-1894.	1.7	35
85	C 2-Symmetry-Chiral Ketene Dithioacetals Derived from 1,1â€²-Binaphthalene-2,2â€²-dithiol: Diastereoselective Diels-Alder Reaction of the S-Oxides to Cyclopentadiene. Synlett, 1991, 1991, 565-568.	1.0	17
86	Ethylenebis(sulfonyl)-bridged 1,1â€²-Binaphthalene, an Atropisomeric Dienophile for Highly Diastereoselective Diels-Alder Reactions. Angewandte Chemie International Edition in English, 1989, 28, 766-767.	4.4	12
87	Synthesis of 1,1â€²-Dibenzo- and 1,1â€²-Dinaphtho-2,2â€²-Dithiols from the Respective Thiophenes. Synthetic Communications, 1989, 19, 3431-3435.	1.1	16