

Carmela Spatafora

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

1,485
citations

24
h-index

37
g-index

54
ext. papers

1,606
ext. citations

3.9
avg, IF

4.29
L-index

#	Paper	IF	Citations
53	Chemoenzymatic Synthesis and β -Glucosidase Inhibitory Activity of Dimeric Neolignans Inspired by Magnolol. <i>Journal of Natural Products</i> , 2017 , 80, 1648-1657	4.9	22
52	β -Glucosidase inhibition and antioxidant activity of an oenological commercial tannin. Extraction, fractionation and analysis by HPLC/ESI-MS/MS and (1)H NMR. <i>Food Chemistry</i> , 2017 , 215, 50-60	8.5	45
51	2,3-Dihydrobenzofuran privileged structures as new bioinspired lead compounds for the design of mPGES-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 820-6	3.4	30
50	Dihydrobenzofuran Neolignanamides: Laccase-Mediated Biomimetic Synthesis and Antiproliferative Activity. <i>Journal of Natural Products</i> , 2016 , 79, 2122-34	4.9	30
49	Resveratrol-Related Polymethoxystilbene Glycosides: Synthesis, Antiproliferative Activity, and Glycosidase Inhibition. <i>Journal of Natural Products</i> , 2015 , 78, 2675-83	4.9	22
48	Anti-tumor properties of cis-resveratrol methylated analogs in metastatic mouse melanoma cells. <i>Molecular and Cellular Biochemistry</i> , 2015 , 402, 83-91	4.2	18
47	Inhibition of CYP17A1 activity by resveratrol, piceatannol, and synthetic resveratrol analogs. <i>Prostate</i> , 2014 , 74, 839-51	4.2	20
46	Phenethyl caffeate benzoxanthene lignan is a derivative of caffeic acid phenethyl ester that induces bystander autophagy in WiDr cells. <i>Molecular Biology Reports</i> , 2014 , 41, 85-94	2.8	13
45	Quantification of the resveratrol analogs trans-2,3-dimethoxy-stilbene and trans-3,4-dimethoxystilbene in rat plasma: application to pre-clinical pharmacokinetic studies. <i>Molecules</i> , 2014 , 19, 9577-90	4.8	3
44	Effects of a ferulate-derived dihydrobenzofuran neolignan on angiogenesis, steroidogenesis, and redox status in a swine cell model. <i>Journal of Biomolecular Screening</i> , 2014 , 19, 1282-9		13
43	Bio-inspired benzo[k,l]xanthene lignans: synthesis, DNA-interaction and antiproliferative properties. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2686-701	3.9	27
42	Effect of resveratrol-related stilbenoids on biomembrane models. <i>Journal of Natural Products</i> , 2013 , 76, 1424-31	4.9	15
41	Grape stems from Sicilian <i>Vitis vinifera</i> cultivars as a source of polyphenol-enriched fractions with enhanced antioxidant activity. <i>LWT - Food Science and Technology</i> , 2013 , 54, 542-548	5.4	23
40	Reaction of benzoxanthene lignans with peroxy radicals in polar and non-polar media: cooperative behaviour of OH groups. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4291-4	3.9	13
39	Determination of trans-2,4,3',4',5'-pentamethoxystilbene in rat plasma and its application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 57, 94-8	3.5	13
38	Antiangiogenic properties of an unusual benzo[k,l]xanthene lignan derived from CAPE (caffeic acid phenethyl ester). <i>Investigational New Drugs</i> , 2012 , 30, 186-90	4.3	25
37	Methoxy stilbenes as potent, specific, untransported, and noncytotoxic inhibitors of breast cancer resistance protein. <i>ACS Chemical Biology</i> , 2012 , 7, 322-30	4.9	39

36	Resveratrol-Related Dehydrodimers: Laccase-Mediated Biomimetic Synthesis and Antiproliferative Activity. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5217-5224	3.2	19
35	Natural-derived polyphenols as potential anticancer agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012 , 12, 902-18	2.2	52
34	Valorization of Vegetable Waste: Identification of Bioactive Compounds and Their Chemo-Enzymatic Optimization. <i>Open Agriculture Journal</i> , 2012 , 6, 9-16	1.2	23
33	Quantification of trans-3,4,5,4'-Tetramethoxystilbene in rat plasma by HPLC: application to pharmacokinetic study. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 1072-7	5.7	12
32	Structural basis for the potential antitumour activity of DNA-interacting benzo[k]xanthene lignans. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 701-10	3.9	28
31	Resveratrol against Major Pathologies 2011 , 339-378		
30	From Natural Polyphenols to Synthetic Antitumor Agents 2011 , 299-338		
29	Hydroxytyrosol Lipophilic Analogues 2010 , 1233-1243		5
28	LC Determination of trans-3,5,3',4',5'-Pentamethoxystilbene in Rat Plasma. <i>Chromatographia</i> , 2010 , 72, 827-832	2.1	9
27	beta-Cyclodextrins influence on E-3,5,4'-trimethoxystilbene absorption across biological membrane model: a differential scanning calorimetry evidence. <i>International Journal of Pharmaceutics</i> , 2010 , 388, 144-50	6.5	6
26	Biological effects on granulosa cells of hydroxylated and methylated resveratrol analogues. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 2, S236-43	5.9	28
25	A simple and sensitive HPLC-UV method for the quantification of piceatannol analog trans-3,5,3',4'-tetramethoxystilbene in rat plasma and its application for a pre-clinical pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 679-84	3.5	36
24	Structural determinants of resveratrol for cell proliferation inhibition potency: experimental and docking studies of new analogs. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2972-80	6.8	55
23	Bioassay-Guided Isolation of Antiproliferative Compounds from Grape (<i>Vitis vinifera</i>) Stems. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900400	0.9	6
22	New lipophilic piceatannol derivatives exhibiting antioxidant activity prepared by aromatic hydroxylation with 2-iodoxybenzoic acid (IBX). <i>Molecules</i> , 2009 , 14, 4669-81	4.8	19
21	Antiangiogenic Resveratrol Analogues by Mild m-CPBA Aromatic Hydroxylation of 3,5-Dimethoxystilbenes. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900400	0.9	2
20	Biomimetic Synthesis of Natural and Unnatural Lignans by Oxidative Coupling of Caffeic Esters. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 6289-6300	3.2	36
19	Effects of resveratrol analogs on steroidogenesis and mitochondrial function in rat Leydig cells in vitro. <i>Journal of Applied Toxicology</i> , 2009 , 29, 673-80	4.1	40

18	Bioassay-guided isolation of antiproliferative compounds from grape (<i>Vitis vinifera</i>) stems. <i>Natural Product Communications</i> , 2009 , 4, 27-34	0.9	15
17	Antiangiogenic resveratrol analogues by mild m-CPBA aromatic hydroxylation of 3,5-dimethoxystilbenes. <i>Natural Product Communications</i> , 2009 , 4, 239-46	0.9	6
16	Interaction of resveratrol and its trimethyl and triacetyl derivatives with biomembrane models studied by differential scanning calorimetry. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3720-8	5.7	32
15	Anti-tumor Properties of Stilbene-based Resveratrol Analogues: Recent Results. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700200	0.9	12
14	Hydroxytyrosol lipophilic analogues: enzymatic synthesis, radical scavenging activity and DNA oxidative damage protection. <i>Bioorganic Chemistry</i> , 2007 , 35, 137-52	5.1	111
13	Polyphenol constituents and antioxidant activity of grape pomace extracts from five Sicilian red grape cultivars. <i>Food Chemistry</i> , 2007 , 100, 203-210	8.5	171
12	Antiproliferative activity of methylated analogues of E- and Z-resveratrol. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007 , 62, 189-95	1.7	47
11	Antiproliferative terpenoids from almond hulls (<i>Prunus dulcis</i>): identification and structure-activity relationships. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 810-4	5.7	50
10	Chemo-enzymatic synthesis and cell-growth inhibition activity of resveratrol analogues. <i>Bioorganic Chemistry</i> , 2005 , 33, 22-33	5.1	59
9	Constituents of grape pomace from the Sicilian cultivar 'Nerello Mascalese'. <i>Food Chemistry</i> , 2004 , 88, 599-607	8.5	78
8	Hydrogen atom abstraction from resveratrol and two lipophilic derivatives by tert-butoxyl radicals. A laser flash photolysis study.. <i>New Journal of Chemistry</i> , 2004 ,	3.6	3
7	Polyhydroxy-P-Terphenyls and Related P-Terphenylquinones From Fungi: Overview and Biological Properties. <i>Studies in Natural Products Chemistry</i> , 2003 , 29, 263-307	1.5	27
6	Chemo-enzymatic preparation of resveratrol derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 16, 223-229		30
5	Antifeedant constituents from <i>Fagara macrophylla</i> . <i>Phytotherapy</i> , 2001 , 72, 538-43	3.2	26
4	Bioactive constituents of the bark of <i>Parkia biglobosa</i> . <i>Phytotherapy</i> , 2000 , 71, 118-25	3.2	28
3	Enzymatic procedure catalysed by lipase from <i>Candida antarctica</i> for the regioselective protection of glucosamine. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 2891-2897		8
2	Bioactive Metabolites from the Bark of <i>Fagara macrophylla</i> 1997 , 8, 139-142		16
1	Sesquiterpenes and geranylgeranyl glycerol from the brown algae <i>Taonia lacheana</i> and <i>Taonia atomaria</i> f. <i>ciliata</i> : their chemotaxonomic significance. <i>Phytochemistry</i> , 1995 , 40, 827-831	4	19

