Corrado Tringali

List of Publications by Year
in descending order

126	3,424	136885	197736
papers	citations	32 h-index	49 g-index

128	128	128	4064
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyphenol constituents and antioxidant activity of grape pomace extracts from five Sicilian red grape cultivars. Food Chemistry, 2007, 100, 203-210.	4.2	200
2	Hydroxytyrosol lipophilic analogues: Enzymatic synthesis, radical scavenging activity and DNA oxidative damage protection. Bioorganic Chemistry, 2007, 35, 137-152.	2.0	129
3	Caulerpenyne, an unusual sequiterpenoid from the green alga caulerpa prolifera. Tetrahedron Letters, 1978, 19, 3593-3596.	0.7	110
4	C-glucosidic ellagitannins and galloylated glucoses as potential functional food ingredients with anti-diabetic properties: a study of Î±-glucosidase and Î±-amylase inhibition. Food Chemistry, 2020, 313, 126099.	4.2	89
5	Constituents of grape pomace from the Sicilian cultivar `Nerello Mascalese'. Food Chemistry, 2004, 88, 599-607.	4.2	88
6	CitrusLimonoids and Their Semisynthetic Derivatives as Antifeedant Agents AgainstSpodoptera frugiperdaLarvae. A Structureâ^'Activity Relationship Studyâ€. Journal of Agricultural and Food Chemistry, 2002, 50, 6766-6774.	2.4	74
7	Polyphenol-enriched fractions from Sicilian grape pomace: HPLCâ€“DAD analysis and antioxidant activity. Bioresource Technology, 2008, 99, 5960-5966.	4.8	71
8	Chemo-enzymatic synthesis and cell-growth inhibition activity of resveratrol analogues. Bioorganic Chemistry, 2005, 33, 22-33.	2.0	68
9	Natural-derived Polyphenols as Potential Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 902-918.	0.9	64
10	Antiproliferative Terpenoids from Almond Hulls (Prunus dulcis):â€‰ Identification and Structureâ^'Activity Relationships. Journal of Agricultural and Food Chemistry, 2006, 54, 810-814.	2.4	61
11	Antiproliferative Activity of Methylated Analogues of E- and Z-Resveratrol. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 189-195.	0.6	58
12	Structural determinants of resveratrol for cell proliferation inhibition potency: Experimental and docking studies of new analogs. European Journal of Medicinal Chemistry, 2010, 45, 2972-2980.	2.6	57
13	Diterpenes based on the dolabellane skeleton from dictyota dichotoma. Tetrahedron, 1980, 36, 1409-1414.	1.0	55
14	Î±-Glucosidase inhibition and antioxidant activity of an oenological commercial tannin. Extraction, fractionation and analysis by HPLC/ESI-MS/MS and 1H NMR. Food Chemistry, 2017, 215, 50-60.	4.2	54
15	Further perhydroazulene diterpenes from marine organisms. Experientia, 1977, 33, 413-415.	1.2	48
16	Effects of resveratrol analogs on steroidogenesis and mitochondrial function in rat Leydig cells in vitro. Journal of Applied Toxicology, 2009, 29, 673-680.	1.4	44
17	Chemistry of N-heterocyclic sulfur compounds. Reaction of 2,5-dimercapto-1,3,4-thiadiazoles with 1,.omega.-dibromoalkanes. Synthesis of tetrathia[(n + 2).(n + 2)](2,5)-1,3-4-thiadiazolophanes and dithia[(n + 1).(n + 1)](3,5)-1,3,4-thiadiazolinophanedithiones. Journal of Organic Chemistry, 1987, 52, 405-412.	1.7	43
18	Identification of the phytotoxin mellein in culture fluids of Phoma tracheiphila. Phytochemistry, 1993, 32, 865-867.	1.4	43

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19	Methoxy Stilbenes as Potent, Specific, Untransported, and Noncytotoxic Inhibitors of Breast Cancer Resistance Protein. ACS Chemical Biology, 2012, 7, 322-330.	1.6	43
20	Dihydrobenzofuran Neolignanamides: Laccase-Mediated Biomimetic Synthesis and Antiproliferative Activity. Journal of Natural Products, 2016, 79, 2122-2134.	1.5	43
21	2,3-Dihydrobenzofuran privileged structures as new bioinspired lead compounds for the design of mPGES-1 inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 820-826.	1.4	41
22	Biomimetic Synthesis of Natural and â€œUnnaturalâ€•Lignans by Oxidative Coupling of Caffeic Esters. European Journal of Organic Chemistry, 2009, 2009, 6289-6300.	1.2	40
23	A simple and sensitive HPLC-UV method for the quantification of piceatannol analog trans-3,5,3â€²,4â€²-tetramethoxystilbene in rat plasma and its application for a pre-clinical pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 679-684.	1.4	39
24	Polyhydroxy-P-Terphenyls and Related P-Terphenylquinones From Fungi. Studies in Natural Products Chemistry, 2003, 29, 263-307.	0.8	37
25	Interaction of Resveratrol and Its Trimethyl and Triacetyl Derivatives with Biomembrane Models Studied by Differential Scanning Calorimetry. Journal of Agricultural and Food Chemistry, 2007, 55, 3720-3728.	2.4	36
26	Volatile components of grape pomaces from different cultivars of Sicilian Vitis vinifera L.. Bioresource Technology, 2008, 99, 260-268.	4.8	36
27	Chemo-enzymatic preparation of resveratrol derivatives. Journal of Molecular Catalysis B: Enzymatic, 2002, 16, 223-229.	1.8	35
28	Secondary metabolites from the leaves of Feijoa sellowiana Berg.. Phytochemistry, 2004, 65, 2947-2951.	1.4	35
29	Biological effects on granulosa cells of hydroxylated and methylated resveratrol analogues. Molecular Nutrition and Food Research, 2010, 54, S236-43.	1.5	35
30	An Unusual Nitrogenous Terphenyl Derivative from Fruiting Bodies of the BasidiomyceteSarcodon leucopus. Journal of Natural Products, 2000, 63, 347-351.	1.5	34
31	Dictyol A and B, two novel diterpene alcohols from the brown alga Dictyota dichotoma. Journal of the Chemical Society Chemical Communications, 1976, , 575.	2.0	33
32	Structure and conformation of new diterpenes based on the dolabellane skeleton from a Dictyota species. Tetrahedron, 1984, 40, 799-803.	1.0	33
33	Bioactive constituents of the bark of Parkia biglobosa. FÃ¬toterapÃ¬Ã¢, 2000, 71, 118-125.	1.1	33
34	Chemoenzymatic Synthesis and Î±-Glucosidase Inhibitory Activity of Dimeric Neolignans Inspired by Magnolol. Journal of Natural Products, 2017, 80, 1648-1657.	1.5	33
35	Laccase-mediated synthesis of bioactive natural products and their analogues. RSC Chemical Biology, 2022, 3, 614-647.	2.0	33
36	Bio-inspired benzo[k,l]xanthene lignans: synthesis, DNA-interaction and antiproliferative properties. Organic and Biomolecular Chemistry, 2014, 12, 2686.	1.5	32

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37	Chain-breaking antioxidant activity of hydroxylated and methoxylated magnolol derivatives: the role of H-bonds. Organic and Biomolecular Chemistry, 2017, 15, 6177-6184.	1.5	32
38	Oxocrinol and crinitol, novel linear terpenoids from the brown alga Cystoseira crinita. Tetrahedron Letters, 1976, 17, 937-940.	0.7	31
39	Sarcodonins and Sarcoviolins, Bioactive Polyhydroxy-p-terphenyl Pyrazinediol Dioxide Conjugates from Fruiting Bodies of the BasidiomyceteSarcodon leucopus. European Journal of Organic Chemistry, 2004, 2004, 592-599.	1.2	31
40	Structural basis for the potential antitumour activity of DNA-interacting benzo[kl]xanthenelignans. Organic and Biomolecular Chemistry, 2011, 9, 701-710.	1.5	31
41	Grape stems from Sicilian Vitis vinifera cultivars as a source of polyphenol-enriched fractions with enhanced antioxidant activity. LWT - Food Science and Technology, 2013, 54, 542-548.	2.5	31
42	Antifeedant constituents from Fagara macrophylla. FÃ¬toterapÃ¬Ã¢, 2001, 72, 538-543.	1.1	30
43	Antiangiogenic properties of an unusual benzo[k,l]xanthene lignan derived from CAPE (Caffeic Acid) Tj ETQq1 1 0.784314 rgBT /Over	1.2	30
44	18-Hydroxy-3,7-dolabelladiene from the brown alga, Dictyota dichotoma. Phytochemistry, 1981, 20, 848-849.	1.4	27
45	Identification by Inverse Virtual Screening of magnolol-based scaffold as new tankyrase-2 inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 3953-3957.	1.4	27
46	A quinone-hydroquinone couple from the Brown alga Cystoseira stricta. Phytochemistry, 1982, 21, 421-424.	1.4	26
47	Natural Isoflavones and Semisynthetic Derivatives as Pancreatic Lipase Inhibitors. Journal of Natural Products, 2021, 84, 654-665.	1.5	26
48	Novel acyclic diterpenes from the brown alga Cystoseira crinita. Phytochemistry, 1981, 20, 1085-1088.	1.4	25
49	Crenuladial, an antimicrobial diterpenoid from the brown alga Dilophus ligulatus. Canadian Journal of Chemistry, 1988, 66, 2799-2802.	0.6	25
50	A phloroglucinol derivative from the brown alga Zonaria tournefortii. Phytochemistry, 1981, 20, 1451-1453.	1.4	24
51	Inhibition of CYP17A1 activity by resveratrol, piceatannol, and synthetic resveratrol analogs. Prostate, 2014, 74, 839-851.	1.2	24
52	Resveratrolâ€Related Dehydrodimers: Laccaseâ€Mediated Biomimetic Synthesis and Antiproliferative Activity. European Journal of Organic Chemistry, 2012, 2012, 5217-5224.	1.2	23
53	Resveratrol-Related Polymethoxystilbene Glycosides: Synthesis, Antiproliferative Activity, and Glycosidase Inhibition. Journal of Natural Products, 2015, 78, 2675-2683.	1.5	23
54	Biological effects of polyphenol-rich extract and fractions from an oenological oak-derived tannin on inÂvitro swine sperm capacitation and fertilizing ability. Theriogenology, 2018, 108, 284-290.	0.9	23

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55	Synthesis of Rosmarinic Acid Amides as Antioxidative and Hypoglycemic Agents. Journal of Natural Products, 2019, 82, 573-582.	1.5	23
56	A mass spectrometry and 1H NMR study of hypoglycemic and antioxidant principles from a Castanea sativa tannin employed in oenology. Food Chemistry, 2018, 268, 585-593.	4.2	22
57	Two chrome derivatives from the brown alga. Tetrahedron Letters, 1982, 23, 1509-1512.	0.7	21
58	Sesquiterpenes and geranylgeranylglycerol from the brown algae Taonia lacheana and Taonia atomaria f. ciliata: their chemotaxonomic significance. Phytochemistry, 1995, 40, 827-831.	1.4	21
59	Anti-tumor properties of cis-resveratrol methylated analogs in metastatic mouse melanoma cells. Molecular and Cellular Biochemistry, 2015, 402, 83-91.	1.4	21
60	Dilphol, a new ten-membered-ring diterpene alcohol from the brown alga Dilophus ligulatus. Journal of the Chemical Society Chemical Communications, 1976, , 1024.	2.0	20
61	(-)-(R)-1-O-Geranylgeranylglycerol from the brown alga Dilophus fasciola. Experientia, 1977, 33, 989-990.	1.2	20
62	Novel benzoxanthene lignans that favorably modulate lipid mediator biosynthesis: A promising pharmacological strategy for anti-inflammatory therapy. Biochemical Pharmacology, 2019, 165, 263-274.	2.0	20
63	Isolation of (2,8)-germacra-1(11),5(12),6-trien-2-ol acetate from the brown alga. Tetrahedron Letters, 1978, 19, 4149-4152.	0.7	19
64	Levels of chlorinated hydrocarbons in marine animals from the central Mediterranean. Marine Pollution Bulletin, 1979, 10, 282-284.	2.3	19
65	A geranylacetone derivative from the brown alga Cystoseira crinita. Phytochemistry, 1980, 19, 2759-2760.	1.4	19
66	Structure and Conformation of Two New Dolabellane-Based Diterpenes from Dictyota Sp.. Journal of Natural Products, 1984, 47, 615-619.	1.5	19
67	Synthesis and structural aspects of (2,5)-1,3,4-thiadiazolo and (3,5)-1,3,4-thiadiazolino thia crown ethers. Journal of Organic Chemistry, 1987, 52, 3409-3413.	1.7	19
68	Stereochemistry and Conformation of Dolabellane Diterpenes: An Nmr and Molecular Mechanics Study. Journal of Natural Products, 1995, 58, 697-704.	1.5	19
69	Substantial Equivalence of a Transgenic Lemon Fruit Showing Postharvest Fungal Pathogens Resistance. Journal of Agricultural and Food Chemistry, 2020, 68, 3806-3816.	2.4	19
70	Amino acids, sugars and sterols of some Mediterranean brown algae. Biochemical Systematics and Ecology, 1976, 4, 143-146.	0.6	18
71	Concentrations of PCBs, BHCs and DDTs residues in seaweeds of the east coast of Sicily. Marine Pollution Bulletin, 1979, 10, 177-179.	2.3	18
72	Phomenins A and B, Bioactive Polypropionate Pyrones from Culture Fluids ofPhoma tracheiphila. Natural Product Research, 1993, 3, 101-106.	0.4	18

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73	Cytotoxic Diterpenoids from the Brown Alga Dilophus ligulatus. Journal of Natural Products, 1993, 56, 1747-1752.	1.5	18
74	Previously unreported p-terphenyl derivatives with antibiotic properties from the fruiting bodies of Sarcodonleucopus (Basidiomycetes). A two-dimensional nuclear magnetic resonance study. Canadian Journal of Chemistry, 1987, 65, 2369-2372.	0.6	17
75	Bioactive Diterpenoids Isolated fromDilophus ligulatus. Planta Medica, 1993, 59, 256-258.	0.7	17
76	Bioassay-guided isolation of antiproliferative compounds from grape (Vitis vinifera) stems. Natural Product Communications, 2009, 4, 27-34.	0.2	17
77	Quantitative gas-liquid chromatography of non-protein amino acids. Journal of Chromatography A, 1976, 116, 439-444.	1.8	16
78	Quantitative analysis of protein and non-protein amino acids by gas-liquid chromatography. Journal of Chromatography A, 1977, 131, 233-238.	1.8	16
79	Bioactive Metabolites from the Bark ofFagara macrophylla. , 1997, 8, 139-142.		16
80	Anti-tumor Properties of Stilbene-based Resveratrol Analogues: Recent Results. Natural Product Communications, 2007, 2, 1934578X0700200.	0.2	16
81	Valorization of Agri-Food Waste from Pistachio Hard Shells: Extraction of Polyphenols as Natural Antioxidants. Resources, 2021, 10, 45.	1.6	16
82	Calorimetric Evidence of Differentiated Transport of Limonin and Nomilin through Biomembranes. Journal of Agricultural and Food Chemistry, 2000, 48, 4123-4127.	2.4	15
83	Effect of Resveratrol-Related Stilbenoids on Biomembrane Models. Journal of Natural Products, 2013, 76, 1424-1431.	1.5	15
84	Reaction of benzoxanthene lignans with peroxyl radicals in polar and non-polar media: cooperative behaviour of OH groups. Organic and Biomolecular Chemistry, 2013, 11, 4291.	1.5	15
85	Phenethyl caffeate benzoxanthene lignan is a derivative of caffeic acid phenethyl ester that induces bystander autophagy in WiDr cells. Molecular Biology Reports, 2014, 41, 85-94.	1.0	15
86	Two Minor Dolabellane Diterpenoid Constituents from a Dictyota Species. Journal of Natural Products, 1985, 48, 484-485.	1.5	14
87	Effects of a Ferulate-Derived Dihydrobenzofuran Neolignan on Angiogenesis, Steroidogenesis, and Redox Status in a Swine Cell Model. Journal of Biomolecular Screening, 2014, 19, 1282-1289.	2.6	14
88	Mass Spectrometry and 1H-NMR Study of Schinopsis lorentzii (Quebracho) Tannins as a Source of Hypoglycemic and Antioxidant Principles. Molecules, 2020, 25, 3257.	1.7	14
89	Synthesis of Bisphenol Neolignans Inspired by Honokiol as Antiproliferative Agents. Molecules, 2020, 25, 733.	1.7	14
90	An Antitutmor Principle from Suillus granulatus. Journal of Natural Products, 1989, 52, 844-845.	1.5	13

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91	Determination of trans-2,4,3â€²,4â€²,5â€²-pentamethoxystilbene in rat plasma and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2012, 57, 94-98.	1.4	13
92	A novel acylphloroglucinol from the brown alga Zonaria tournefortii. Phytochemistry, 1982, 21, 739-741.	1.4	12
93	Bioassay-Guided Isolation of Antiproliferative Compounds from Grape (Vitis vinifera) Stems. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	12
94	Quantification of trans-3,4,5,4â€²-Tetramethoxystilbene in Rat Plasma by HPLC: Application to Pharmacokinetic Study. Journal of Agricultural and Food Chemistry, 2011, 59, 1072-1077.	2.4	12
95	Resveratrol, piceatannol and analogs inhibit activation of both wild-type and T877A mutant androgen receptor. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 161-168.	1.2	12
96	Three further dolabellane diterpenoids from Dictyota sp.. Phytochemistry, 1984, 23, 1681-1684.	1.4	11
97	Molluscicidal and Antifungal Activity of Diterpenoids from Brown Algae of the FamilyDictyotaceae. Planta Medica, 1986, 52, 404-406.	0.7	11
98	Cytotoxic Activity of Tetraprenylphenols Related to Suillin, an Antitumor Principle from Suillus granulatus. Journal of Natural Products, 1992, 55, 1772-1775.	1.5	11
99	Enzymatic procedure catalysed by lipase from Candida antarctica for the regioprotectionâ€“deprotection of glucosamine. Tetrahedron: Asymmetry, 1999, 10, 2891-2897.	1.8	11
100	Synthesis and in vitro evaluation of chlorogenic acid amides as potential hypoglycemic agents and their synergistic effect with acarbose. Bioorganic Chemistry, 2021, 117, 105458.	2.0	11
101	Observations on the levels of DDTs and PCBs in the Central Mediterranean. Science of the Total Environment, 1982, 25, 169-179.	3.9	10
102	Fasciola-7, 18-dien-17-al, a Diterpenoid with a New Tetracyclic Ring System from the Brown Alga Dilophus fasciola. Journal of Natural Products, 1986, 49, 236-243.	1.5	10
103	Applications of two-dimensional NMR in spectral assignments of the cytotoxic triterpene saponaceolide B. Magnetic Resonance in Chemistry, 1991, 29, 603-606.	1.1	10
104	Synthesis and high field NMR study of a new cyclodipeptideâ€“Î²-cyclodextrin derivative. Journal of the Chemical Society Perkin Transactions II, 1996, , 1435-1440.	0.9	10
105	Bioinspired benzoxanthene lignans as a new class of antimycotic agents: synthesis and Candida spp. growth inhibition. Natural Product Research, 2020, 34, 1653-1662.	1.0	10
106	Constituents of the pods of Piliostigma thonningii. FÃ¬toterapÃ¬Ã¢, 1999, 70, 205-208.	1.1	9
107	LC Determination of trans-3,5,3â€²,4â€²,5â€²-Pentamethoxystilbene in Rat Plasma. Chromatographia, 2010, 72, 827-832.	0.7	9
108	Proteasome as a New Target for Bioâ€Inspired Benzo[k,l]xanthene Lignans. Chemistry - A European Journal, 2017, 23, 8371-8374.	1.7	9

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109	Complete1H and13C NMR assignments of ruthenium(II) complexes with two new 2-pyridylquinoline ligands. Magnetic Resonance in Chemistry, 1991, 29, 1165-1174.	1.1	8
110	Identification of bioactive metabolites from the bark ofPericopsis (Afrormosia) laxiflora. Phytochemical Analysis, 1995, 6, 289-291.	1.2	8
111	Hydroxytyrosol Lipophilic Analogues. , 2010, , 1233-1243.		8
112	Chemical Proteomics-Guided Identification of a Novel Biological Target of the Bioactive Neolignan Magnolol. Frontiers in Chemistry, 2019, 7, 53.	1.8	8
113	Antiangiogenic resveratrol analogues by mild m-CPBA aromatic hydroxylation of 3,5-dimethoxystilbenes. Natural Product Communications, 2009, 4, 239-46.	0.2	8
114	Î²-Cyclodextrins influence on E-3,5,4â€²-trimethoxystilbene absorption across biological membrane model: A differential scanning calorimetry evidence. International Journal of Pharmaceutics, 2010, 388, 144-150.	2.6	6
115	Levels of chlorinated hydrocarbons in sediments from the central mediterranean. Science of the Total Environment, 1982, 24, 91-99.	3.9	5
116	Quantification of the Resveratrol Analogs trans-2,3-Dimethoxy-stilbene and trans-3,4-Dimethoxystilbene in Rat Plasma: Application to Pre-Clinical Pharmacokinetic Studies. Molecules, 2014, 19, 9577-9590.	1.7	5
117	Hydrogen atom abstraction from resveratrol and two lipophilic derivatives by tert-butoxyl radicals. A laser flash photolysis study.. New Journal of Chemistry, 2004, , .	1.4	4
118	Bio-activated intramolecular anti-aza-Michael addition: stereoselective synthesis of hydantoin derivatives. New Journal of Chemistry, 2018, 42, 18348-18357.	1.4	4
119	Synthesis, DNA/RNA-interaction and biological activity of benzo[k,l]xanthene lignans. Bioorganic Chemistry, 2020, 104, 104190.	2.0	4
120	Composition of the Essential Oil from the Bark ofFagara macrophylla. Journal of Essential Oil Research, 1998, 10, 443-445.	1.3	3
121	Antiangiogenic Resveratrol Analogues by Mild m-CPBA Aromatic Hydroxylation of 3,5-Dimethoxystilbenes. Natural Product Communications, 2009, 4, 1934578X0900400.	0.2	3
122	Characterization and Interaction with Biomembrane Model of Benzo[k,l]xanthene Lignan Loaded Solid Lipid Nanoparticles. Membranes, 2022, 12, 615.	1.4	3
123	Synthesis and Structural Characterisation of Two Novel Diastereoisomeric Naproxen Appended Î²-Cyclodextrin Derivatives. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 51, 173-180.	1.6	2
124	A Rare Natural Benzo[k,l]xanthene as a Turn-Off Fluorescent Sensor for Cu2+ Ion. International Journal of Molecular Sciences, 2020, 21, 6933.	1.8	2
125	Resveratrol against Major Pathologies. , 2011, , 339-378.		0
126	From Natural Polyphenols to Synthetic Antitumor Agents. , 2011, , 299-338.		0