

# Manlio Tolomeo

## List of Publications by Year in descending order

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75  
papers

2,776  
citations

159525

30  
h-index

189801

50  
g-index

77  
all docs

77  
docs citations

77  
times ranked

3917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Biological Evaluation of Resveratrol and Analogues as Apoptosis-Inducing Agents. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3546-3554.	2.9	205
2	Heterocyclic and Phenyl Double-Bond-Locked Combretastatin Analogues Possessing Potent Apoptosis-Inducing Activity in HL60 and in MDR Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 723-736.	2.9	143
3	Pterostilbene and 3- $\beta$ -hydroxypterostilbene are effective apoptosis-inducing agents in MDR and BCR-ABL-expressing leukemia cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1709-1726.	1.2	142
4	Synthesis and Biological Evaluation of 2- and 3-Aminobenzo[b]thiophene Derivatives as Antimitotic Agents and Inhibitors of Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2273-2277.	2.9	131
5	The Multifaced Role of STAT3 in Cancer and Its Implication for Anticancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 603.	1.8	120
6	Design, synthesis, and biological evaluation of thiophene analogues of chalcones. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5367-5376.	1.4	93
7	Synthesis and Biological Evaluation of 1-Methyl-2-(3,4,5-trimethoxybenzoyl)-3-aminoindoles as a New Class of Antimitotic Agents and Tubulin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1464-1468.	2.9	90
8	Heterocycle-Containing Retinoids. Discovery of a Novel Isoxazole Arotinoid Possessing Potent Apoptotic Activity in Multidrug and Drug-Induced Apoptosis-Resistant Cells. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2308-2318.	2.9	88
9	Identification of Biphenyl-Based Hybrid Molecules Able To Decrease the Intracellular Level of Bcl-2 Protein in Bcl-2 Overexpressing Leukemia Cells. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6936-6940.	2.9	79
10	Identification of a Terphenyl Derivative that Blocks the Cell Cycle in the G <sub>0</sub> ~G <sub>1</sub> Phase and Induces Differentiation in Leukemia Cells. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3012-3018.	2.9	74
11	Design, Synthesis, and Biological Evaluation of Novel Aminobisphosphonates Possessing an in Vivo Antitumor Activity Through a $^{131}\text{T}$ Lymphocytes-Mediated Activation Mechanism. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6800-6807.	2.9	70
12	Stilbene-based anticancer agents: Resveratrol analogues active toward HL60 leukemic cells with a non-specific phase mechanism. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3245-3248.	1.0	68
13	Design, synthesis and structure-activity relationship of 2-(3,4,5-trimethoxybenzoyl)-benzo[b]furan derivatives as a novel class of inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6862-6871.	1.4	68
14	Galangin increases the cytotoxic activity of imatinib mesylate in imatinib-sensitive and imatinib-resistant Bcr-Abl expressing leukemia cells. <i>Cancer Letters</i> , 2008, 265, 289-297.	3.2	66
15	Retinoids, Apoptosis and Cancer. <i>Current Pharmaceutical Design</i> , 2001, 7, 1823-37.	0.9	59
16	Novel A-Ring and B-Ring Modified Combretastatin A-4 (CA-4) Analogues Endowed with Interesting Cytotoxic Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6211-6215.	2.9	55
17	Disseminated tuberculosis in a patient treated with a JAK2 selective inhibitor: a case report. <i>BMC Research Notes</i> , 2012, 5, 552.	0.6	54
18	Anti-inflammatory effects of chemically modified tetracyclines by the inhibition of nitric oxide and interleukin-12 synthesis in J774 cell line. <i>International Immunopharmacology</i> , 2001, 1, 1765-1776.	1.7	53

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19	Synthesis and Biological Evaluation of 2-(3,4,5-Trimethoxybenzoyl)-3-Amino 5-Aryl Thiophenes as a New Class of Tubulin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6425-6428.	2.9	53
20	Multidrug resistance reverting activity and antitumor profile of new phenothiazine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6474-6482.	1.4	51
21	The CD95/CD95 ligand system is not the major effector in anticancer drug-mediated apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 735-742.	5.0	49
22	Structure-Activity Relationship Studies of Novel Heteroretinoids: Induction of Apoptosis in the HL-60 Cell Line by a Novel Isoxazole-Containing Heteroretinoid. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4961-4969.	2.9	41
23	Synthesis and biological evaluation of 2-(3,4,5-trimethoxybenzoyl)-3-N,N-dimethylamino benzo[b]furan derivatives as inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8419-8426.	1.4	40
24	Determination of stilbenes in Sicilian pistachio by high-performance liquid chromatographic diode array (HPLC-DAD/FLD) and evaluation of eventually mycotoxin contamination. <i>Food Chemistry</i> , 2008, 107, 483-488.	4.2	40
25	Substituted 2-(3,4,5-trimethoxybenzoyl)-benzo[b]thiophene derivatives as potent tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5114-5122.	1.4	40
26	3-Aryl-2-[1H-benzotriazol-1-yl]acrylonitriles: A novel class of potent tubulin inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4151-4167.	2.6	40
27	Novel Terphenyls and 3,5-Diaryl Isoxazole Derivatives Endowed with Growth Supporting and Antiapoptotic Properties. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4796-4803.	2.9	38
28	STAT1 and Its Crucial Role in the Control of Viral Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4095.	1.8	38
29	Cryptic <i>Leishmania infantum</i> infection in Italian HIV infected patients. <i>BMC Infectious Diseases</i> , 2009, 9, 199.	1.3	34
30	A convenient synthesis of unsymmetrically substituted terphenyls of biologically active stilbenes via a double Suzuki cross-coupling protocol. <i>Tetrahedron Letters</i> , 2003, 44, 3005-3008.	0.7	32
31	Monocyte and Lymphocyte Apoptosis Resistance in Acute and Chronic Brucellosis and Its Possible Implications in Clinical Management. <i>Clinical Infectious Diseases</i> , 2003, 36, 1533-1538.	2.9	30
32	Synthesis of novel antimitotic agents based on 2-amino-3-aryl-5-(hetero)arylethynyl thiophene derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2746-2751.	1.0	29
33	Studies on the Apoptotic Activity of Natural and Synthetic Retinoids: Discovery of a New Class of Synthetic Terphenyls That Potently Support Cell Growth and Inhibit Apoptosis in Neuronal and HL-60 Cells. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4293-4299.	2.9	28
34	Synthesis, antiproliferative activity, and mechanism of action of a series of 2-[[[(2E)-3-phenylprop-2-enoyl]amino]benzamides. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 2786-2796.	2.6	28
35	Inhibition of activated STAT5 in Bcr/Abl expressing leukemia cells with new pimozone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4568-4574.	1.0	27
36	The Janus Role of C/EBPs Family Members in Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4308.	1.8	27

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37	Effects of chemically modified tetracyclines (CMTs) in sensitive, multidrug resistant and apoptosis resistant leukaemia cell lines. <i>British Journal of Pharmacology</i> , 2001, 133, 306-314.	2.7	26
38	Chemically modified tetracyclines induce cytotoxic effects against J774 tumour cell line by activating the apoptotic pathway. <i>International Immunopharmacology</i> , 2003, 3, 63-73.	1.7	24
39	Synthesis and biological evaluation of 2-amino-3-(3,4,5-trimethoxybenzoyl)-6-substituted-4,5,6,7-tetrahydrothieno[2,3-c]pyridine derivatives as antimitotic agents and inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5041-5045.	1.0	23
40	Synthesis and antiproliferative activity of 3-(2-chloroethyl)-5-methyl-6-phenyl-8-(trifluoromethyl)-5,6-dihydropyrazolo[3,4-f][1,2,3,5]tetrazepin-4(3H)-one. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 98-104.	2.6	23
41	Synthesis and antiproliferative activity of 3-amino-N-phenyl-1H-indazole-1-carboxamides. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 165-178.	2.6	21
42	Effects of Pimozide Derivatives on pSTAT5 in K562 Cells. <i>ChemMedChem</i> , 2017, 12, 1183-1190.	1.6	19
43	Synthesis of substituted 3-amino-N-phenyl-1H-indazole-1-carboxamides endowed with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 168-174.	2.6	18
44	Rickettsiales in Italy. <i>Pathogens</i> , 2021, 10, 181.	1.2	18
45	Synthesis and induction of G1 phase arrest with apoptosis of 3,5-dimethyl-6-phenyl-8-(trifluoromethyl)-5,6-dihydropyrazolo[3,4-f][1,2,3,5]tetrazepin-4(3H)-one. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2386-2394.	2.6	17
46	Synthesis and Biological Evaluation of 2-aryl-4-phenyl-5-hydroxybenzofurans as a New Class of Antitubulin Agents. <i>Medicinal Chemistry</i> , 2008, 4, 558-564.	0.7	17
47	4,5,6,7-Tetrahydro-isoxazolo-[4,5-c]-pyridines as a new class of cytotoxic Hsp90 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 53-60.	2.6	16
48	TTAS a new stilbene derivative that induces apoptosis in <i>Leishmania infantum</i> . <i>Experimental Parasitology</i> , 2013, 133, 37-43.	0.5	15
49	A Natural-Like Synthetic Small Molecule Impairs Bcr-Abl Signaling Cascades and Induces Megakaryocyte Differentiation in Erythroleukemia Cells. <i>PLoS ONE</i> , 2013, 8, e57650.	1.1	15
50	Mitochondrial disruption and apoptosis in lymphocytes of an HIV infected patient affected by lactic acidosis after treatment with highly active antiretroviral therapy. <i>Journal of Clinical Pathology</i> , 2003, 56, 147-151.	1.0	14
51	Programmed cell death (PCD) associated with the stilbene motif of arotinoids: discovery of novel apoptosis inducer agents possessing activity on multidrug resistant tumor cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 2669-2673.	1.0	13
52	NF- $\kappa$ B Inhibition Restores Sensitivity to Fas-Mediated Apoptosis in Lymphoma Cell Lines. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 232-236.	1.8	13
53	Novel Antiproliferative Chimeric Compounds with Marked Histone Deacetylase Inhibitory Activity. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 973-978.	1.3	13
54	Israeli Spotted Fever in Sicily. Description of two cases and minireview. <i>International Journal of Infectious Diseases</i> , 2017, 61, 7-12.	1.5	13

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55	InÂvitro antileishmanial activity of trans-stilbene and terphenyl compounds. <i>Experimental Parasitology</i> , 2016, 166, 1-9.	0.5	12
56	(Indazolyl)benzamido Derivatives as CDK1 Inhibitors: Design, Synthesis, Biological Activity, and Molecular Docking Studies. <i>Archiv Der Pharmazie</i> , 2009, 342, 265-273.	2.1	11
57	Synthesis and Pharmacology of 6-Substituted Benzotropines:Â Discovery of Novel Dopamine Uptake Inhibitors Possessing Low Binding Affinity to the Dopamine Transporter. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3337-3343.	2.9	10
58	Antiproliferative Agents That Interfere with the Cell Cycle at the G <sub>1</sub> 'S Transition: Further Development and Characterization of a Small Library of Stilbeneâ€Derived Compounds. <i>ChemMedChem</i> , 2008, 3, 345-355.	1.6	10
59	Tyrosine Kinase Inhibitors for the Treatment of Chronic Myeloid Leukemia. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 853-863.	0.9	10
60	A case of visceral leishmaniasis and pulmonary tuberculosis in a post-partum woman. <i>International Journal of Infectious Diseases</i> , 2015, 33, 5-6.	1.5	9
61	Pig liver esterase (PLE)-mediated resolution of N-substituted 4-benzoyloxy-3-carbomethoxypiperidines: a convenient preparation of 4-hydroxy- and 4-benzoyloxy-3-carbomethoxypiperidines in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4397-4405.	1.8	7
62	Retinoic acid and analogs as potent inducers of differentiation and apoptosis. New promising chemopreventive and chemotherapeutic agents in oncology. <i>Pure and Applied Chemistry</i> , 2001, 73, 1437-1444.	0.9	7
63	Histone deacetylase inhibition modulates deoxyribonucleotide pools and enhances the antitumor effects of the ribonucleotide reductase inhibitor 3'-C-methyladenosine in leukaemia cells. <i>International Journal of Oncology</i> , 2011, 38, 1427-36.	1.4	7
64	The new iodoacetamidobenzofuran derivative TR120 decreases STAT5 expression and induces antitumor effects in imatinib-sensitive and imatinib-resistant BCRâ€ABL-expressing leukemia cells. <i>Anti-Cancer Drugs</i> , 2013, 24, 384-393.	0.7	6
65	Novel iodoacetamido benzoheterocyclic derivatives with potent antileukemic activity are inhibitors of STAT5 phosphorylation. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 39-52.	2.6	6
66	Good's syndrome and recurrent leishmaniasis: A case report and review of literature. <i>Heliyon</i> , 2020, 6, e05061.	1.4	6
67	Effects of trans-stilbene and terphenyl compounds on different strains of <i>Leishmania</i> and on cytokines production from infected macrophages. <i>Experimental Parasitology</i> , 2018, 184, 31-38.	0.5	5
68	Hepatotoxicity caused by mebendazole in a patient with Gilbert's syndrome. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2019, 44, 985-987.	0.7	5
69	<i>Rickettsia typhi</i> and Haemophagocytic Syndrome. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1632-1632.	0.6	5
70	STAT5 and STAT5 Inhibitors in Hematological Malignancies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2036-2046.	0.9	5
71	From the covalent linkage of drugs to novel inhibitors of ribonucleotide reductase: Synthesis and biological evaluation of valproic esters of 3â€C-methyladenosine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5304-5309.	1.0	4
72	Clinical use of BCG and its complications: a case series. <i>Infezioni in Medicina</i> , 2021, 29, 123-129.	0.7	3

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73	Lymphocyte apoptosis in children with central nervous system tuberculosis: a case control study. BMC Pediatrics, 2011, 11, 108.	0.7	2
74	Direct-acting antivirals and visceral leishmaniasis: a case report. BMC Infectious Diseases, 2019, 19, 328.	1.3	2
75	Antiparasitic Effect of Stilbene and Terphenyl Compounds against Trypanosoma cruzi Parasites. Pharmaceuticals, 2021, 14, 1199.	1.7	2