Alessandra Montalbano

List of Publications by Year
in descending order

54	2,016	159585	243625
papers	citations	30 h-index	44 g-index

54	54	54	2068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmaceutical Approaches to Target Antibiotic Resistance Mechanisms. Journal of Medicinal Chemistry, 2017, 60, 8268-8297.	6.4	123
2	Synthesis and antitumor properties of 2,5-bis(3â€²-indolyl)thiophenes: Analogues of marine alkaloid nortopsentin. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2342-2346.	2.2	96
3	Novel 1H-Pyrrolo[2,3-b]pyridine Derivative Nortopsentin Analogues: Synthesis and Antitumor Activity in Peritoneal Mesothelioma Experimental Models. Journal of Medicinal Chemistry, 2013, 56, 7060-7072.	6.4	91
4	Isoindolo[2,1-a]quinoxaline Derivatives, Novel Potent Antitumor Agents with Dual Inhibition of Tubulin Polymerization and Topoisomerase I. Journal of Medicinal Chemistry, 2008, 51, 2387-2399.	6.4	88
5	Pyrrolidine in Drug Discovery: A Versatile Scaffold for Novel Biologically Active Compounds. Topics in Current Chemistry, 2021, 379, 34.	5.8	82
6	Synthesis, antitumor activity and CDK1 inhibiton of new thiazole nortopsentin analogues. European Journal of Medicinal Chemistry, 2017, 138, 371-383.	5.5	64
7	Pyrazolo[3,4-h]quinolines promising photosensitizing agents in the treatment of cancer. European Journal of Medicinal Chemistry, 2015, 102, 334-351.	5.5	57
8	Pyrrolo[2,1-c][1,2,4]triazines from 2-diazopyrroles: synthesis and antiproliferative activity. European Journal of Medicinal Chemistry, 2002, 37, 267-272.	5.5	55
9	Synthesis and Antiproliferative Activity of Thiazolyl-bis-pyrrolo[2,3-b]pyridines and Indolyl-thiazolyl-pyrrolo[2,3-c]pyridines, Nortopsentin Analogues. Marine Drugs, 2015, 13, 460-492.	4.6	54
10	Synthesis and Antitumor Activity of 3â€(2â€Phenylâ€1,3â€thiazolâ€4â€yl)â€1Hâ€indoles and 3â€(2â€Phenylâ€1,3â€thiazolâ€4â€yl)â€1Hâ€7â€azaindoles. ChemMedChem, 2011, 6, 1300-1309.	3.2	53
11	Synthesis and Antitumor Activity of New Thiazole Nortopsentin Analogs. Marine Drugs, 2016, 14, 226.	4.6	52
12	Water-soluble isoindolo[2,1-a]quinoxalin-6-imines: InÂvitro antiproliferative activity and molecular mechanism(s) of action. European Journal of Medicinal Chemistry, 2015, 94, 149-162.	5.5	51
13	11H-Pyrido[3â€²,2â€²:4,5]pyrrolo[3,2-c]cinnoline and Pyrido[3â€²,2â€²:4,5]pyrrolo[1,2-c][1,2,3]benzotriazine: Two New Ring Systems with Antitumor Activity. Journal of Medicinal Chemistry, 2014, 57, 9495-9511.	6.4	48
14	Pyrrolo[3,2â€h]quinazolines as Photochemotherapeutic Agents. ChemMedChem, 2011, 6, 1238-1248.	3.2	46
15	Synthesis of a new class of pyrrolo[3,4-h]quinazolines with antimitotic activity. European Journal of Medicinal Chemistry, 2014, 74, 340-357.	5.5	45
16	3-[4-(1H-Indol-3-yl)-1,3-thiazol-2-yl]-1H-pyrrolo[2,3-b]pyridines, Nortopsentin Analogues with Antiproliferative Activity. Marine Drugs, 2015, 13, 1901-1924.	4.6	44
17	Pyrrolo[2â€²,3â€²:3,4]cyclohepta[1,2-d][1,2]oxazoles, a New Class of Antimitotic Agents Active against Multiple Malignant Cell Types. Journal of Medicinal Chemistry, 2020, 63, 12023-12042.	6.4	43
18	Pyrrolo[2,3-h]quinolinones: A new ring system with potent photoantiproliferative activity. Bioorganic and Medicinal Chemistry, 2006, 14, 8712-8728.	3.0	40

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19	Pyrrolo[3,4-h]quinolinones a new class of photochemotherapeutic agents. Bioorganic and Medicinal Chemistry, 2011, 19, 2326-2341.	3.0	40
20	Synthesis of the new ring system pyrrolizino[2,3-b]indol-4(5H)-one. Tetrahedron, 2011, 67, 3374-3379.	1.9	40
21	Aza-isoindolo and isoindolo-azaquinoxaline derivatives with antiproliferative activity. European Journal of Medicinal Chemistry, 2015, 94, 367-377.	5.5	40
22	Preclinical Activity of New [1,2]Oxazolo[5,4-e]isoindole Derivatives in Diffuse Malignant Peritoneal Mesothelioma. Journal of Medicinal Chemistry, 2016, 59, 7223-7238.	6.4	40
23	Synthesis and Antiproliferative Activity of the Ring System [1,2]Oxazolo[4,5â€g]indole. ChemMedChem, 2012, 7, 1901-1904.	3.2	38
24	New Thiazole Nortopsentin Analogues Inhibit Bacterial Biofilm Formation. Marine Drugs, 2018, 16, 274.	4.6	38
25	Synthesis of pyrrolo[3,2-h]quinolinones with good photochemotherapeutic activity and no DNA damage. Bioorganic and Medicinal Chemistry, 2010, 18, 4830-4843.	3.0	36
26	Pyrrolo[2,3-h]quinolinones: synthesis and photochemotherapic activity. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 2809-2811.	2.2	34
27	Isoindolo[2,1-c]benzo[1,2,4]triazines: A new ring system with antiproliferative activity. Bioorganic and Medicinal Chemistry, 2007, 15, 343-349.	3.0	34
28	Synthesis of [1,2]oxazolo[5,4-e]indazoles as antitumour agents. Tetrahedron, 2013, 69, 6474-6477.	1.9	34
29	Pyrrolo[1,2-f]phenanthridines and related non-rigid analogues as antiviral agents. European Journal of Medicinal Chemistry, 2002, 37, 3-10.	5.5	33
30	Pyrrolo[2,1-d][1,2,3,5]tetrazine-4(3h)-ones, a new class of azolotetrazines with potent antitumor activity. Bioorganic and Medicinal Chemistry, 2003, 11, 2371-2380.	3.0	30
31	Insight on [1,3]thiazolo[4,5-e]isoindoles as tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2021, 212, 113122.	5.5	30
32	An efficient synthesis of pyrrolo[3â€²,2â€²:4,5]thiopyrano[3,2-b]pyridin-2-one: a new ring system of pharmaceutical interest. Tetrahedron, 2012, 68, 5087-5094.	1.9	27
33	Synthesis of isoindolo[1,4]benzoxazinone and isoindolo[1,5]benzoxazepine: two new ring systems of pharmaceutical interest. Tetrahedron, 2015, 71, 7332-7338.	1.9	27
34	Synthesis of the new oligopeptide pyrrole derivative isonetropsin and its one pyrrole unit analogue. Tetrahedron, 2013, 69, 2550-2554.	1.9	26
35	Annelated pyrrolo-pyrimidines from amino-cyanopyrroles and BMMAs as leads for new DNA-interactive ring systems. Bioorganic and Medicinal Chemistry, 2005, 13, 1545-1553.	3.0	25
36	Targeting multiple myeloma with natural polyphenols. European Journal of Medicinal Chemistry, 2019, 180, 465-485.	5.5	25

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37	[1,2]Oxazolo[5,4- e]isoindoles as promising tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2016, 124, 840-851.	5.5	23
38	Quality, functional and sensory evaluation of pasta fortified with extracts from Opuntia ficusâ€indica cladodes. Journal of the Science of Food and Agriculture, 2019, 99, 4242-4247.	3.5	21
39	Evaluation of Fused Pyrrolothiazole Systems as Correctors of Mutant CFTR Protein. Molecules, 2021, 26, 1275.	3.8	21
40	Novel insights on [1,2]oxazolo[5,4â€e]isoindoles on multidrug resistant acute myeloid leukemia cell line. Drug Development Research, 2022, 83, 1331-1341.	2.9	21
41	Quality characteristics and inÂvitro digestibility study of barley flour enriched ditalini pasta. LWT - Food Science and Technology, 2016, 72, 223-228.	5.2	20
42	An overview on chemical structures as Î”F508-CFTR correctors. European Journal of Medicinal Chemistry, 2019, 180, 430-448.	5.5	20
43	Insight on pyrimido[5,4-g]indolizine and pyrimido[4,5-c]pyrrolo[1,2-a]azepine systems as promising photosensitizers on malignant cells. European Journal of Medicinal Chemistry, 2022, 237, 114399.	5.5	20
44	GPCR Inhibition in Treating Lymphoma. ACS Medicinal Chemistry Letters, 2022, 13, 358-364.	2.8	19
45	Current development of CFTR potentiators in the last decade. European Journal of Medicinal Chemistry, 2020, 204, 112631.	5.5	18
46	Synthesis of 2H-Imidazo[2â€²,1':2,3] [1,3]thiazolo[4,5-e]isoindol-8-yl-phenylureas with promising therapeutic features for the treatment of acute myeloid leukemia (AML) with FLT3/ITD mutations. European Journal of Medicinal Chemistry, 2022, 235, 114292.	5.5	18
47	Convenient synthesis of pyrrolo[3,4-g]indazole. Tetrahedron, 2013, 69, 9839-9847.	1.9	16
48	Synthesis and antiproliferative mechanism of action of pyrrolo[3â€²,2â€²:6,7] cyclohepta[1,2- d]pyrimidin-2-amines as singlet oxygen photosensitizers. European Journal of Medicinal Chemistry, 2016, 123, 447-461.	5.5	14
49	Synthesis of the New Ring System Bispyrido[4',3':4,5]pyrrolo [1,2-a:1',2'-d]pyrazine and Its Deaza Analogue. Molecules, 2014, 19, 13342-13357.	3.8	12
50	Pyrrolo[3â€²,2â€²:6,7]cyclohepta[1,2-b]pyridines with potent photo-antiproliferative activity. European Journal of Medicinal Chemistry, 2017, 128, 300-318.	5.5	12
51	Synthesis and photocytotoxic activity of [1,2,3]triazolo[4,5-h][1,6]naphthyridines and [1,3]oxazolo[5,4-h][1,6]naphthyridines. European Journal of Medicinal Chemistry, 2019, 162, 176-193.	5.5	12
52	New Tripentone Analogs with Antiproliferative Activity. Molecules, 2017, 22, 2005.	3.8	8
53	Synthesis of 5H-pyrido[3,2-b]pyrrolizin-5-one tripentone analogs with antitumor activity. European Journal of Medicinal Chemistry, 2018, 158, 236-246.	5.5	7
54	Recurrence of the oxazole motif in tubulin colchicine site inhibitors with anti-tumor activity. European Journal of Medicinal Chemistry Reports, 2021, 1, 100004.	1.4	5