Adriana Chilin

List of Publications by Year
in descending order

54 papers	1,265 citations	331538 21 h-index	377752 34 g-index
59 all docs	59 docs citations	59 times ranked	1826 citing authors

#	Article	IF	Citations
1	Coumarin as Attractive Casein Kinase 2 (CK2) Inhibitor Scaffold: An Integrate Approach To Elucidate the Putative Binding Motif and Explain Structureâ€“Activity Relationships. Journal of Medicinal Chemistry, 2008, 51, 752-759.	2.9	123
2	Quinazoline derivatives as potential anticancer agents: a patent review (2007 â€“ 2010). Expert Opinion on Therapeutic Patents, 2012, 22, 223-252.	2.4	104
3	Using the TOPS-MODE approach to fit multi-target QSAR models for tyrosine kinases inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 2185-2192.	2.6	62
4	Quinazoline-based multi-tyrosine kinase inhibitors: Synthesis, modeling, antitumor and antiangiogenic properties. European Journal of Medicinal Chemistry, 2013, 67, 373-383.	2.6	59
5	Angular Furoquinolinones, Psoralen Analogs:Â Novel Antiproliferative Agents for Skin Diseases. Synthesis, Biological Activity, Mechanism of Action, and Computer-Aided Studies. Journal of Medicinal Chemistry, 1996, 39, 1293-1302.	2.9	57
6	Synthesis and antitumor activity of novel amsacrine analogs: The critical role of the acridine moiety in determining their biological activity. Bioorganic and Medicinal Chemistry, 2009, 17, 523-529.	1.4	56
7	Targeting kinases with anilinopyrimidines: discovery of N-phenyl-Nâ€™-[4-(pyrimidin-4-ylamino)phenyl]urea derivatives as selective inhibitors of class III receptor tyrosine kinase subfamily. Scientific Reports, 2015, 5, 16750.	1.6	53
8	Exploring Epidermal Growth Factor Receptor (EGFR) Inhibitor Features: The Role of Fused Dioxygenated Rings on the Quinazoline Scaffold. Journal of Medicinal Chemistry, 2010, 53, 1862-1866.	2.9	51
9	Microwave-promoted mono-N-alkylation of aromatic amines in water: a new efficient and green method for an old and problematic reaction. Green Chemistry, 2009, 11, 774.	4.6	39
10	Development of a novel furocoumarin derivative inhibiting NF-ÎºB dependent biological functions: Design, synthesis and biological effects. European Journal of Medicinal Chemistry, 2011, 46, 4870-4877.	2.6	38
11	A novel approach to quinazolin-4(3H)-one via quinazoline oxidation: an improved synthesis of 4-anilinoquinazolines. Tetrahedron, 2010, 66, 962-968.	1.0	34
12	Psoralen Derivatives as Inhibitors of NF-ÎºB/DNA Interaction: Synthesis, Molecular Modeling, 3D-QSAR, and Biological Evaluation. Journal of Medicinal Chemistry, 2013, 56, 1830-1842.	2.9	34
13	4-Hydroxymethyl-1,6,8-trimethylfuro[2,3-h]quinolin-2(1H)-one Induces Mitochondrial Dysfunction and Apoptosis upon Its Intracellular Oxidation. Journal of Medicinal Chemistry, 2005, 48, 192-199.	2.9	32
14	Synthesis and Biological Activity of (Hydroxymethyl)- and (Diethylaminomethyl)benzopsoralens. Journal of Medicinal Chemistry, 1999, 42, 2936-2945.	2.9	31
15	4-Hydroxymethyl- and 4-methoxymethylfuro[2,3- h]quinolin-2(1 H)-ones: synthesis and biological properties. Bioorganic and Medicinal Chemistry, 2003, 11, 1311-1318.	1.4	30
16	Discovery of Biarylaminoquinazolines as Novel Tubulin Polymerization Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 4598-4605.	2.9	28
17	Molecular Mechanism of Action of Trimethylangelicin Derivatives as CFTR Modulators. Frontiers in Pharmacology, 2018, 9, 719.	1.6	28
18	A microwave improvement in the synthesis of the quinazoline scaffold. Tetrahedron Letters, 2007, 48, 3229-3231.	0.7	27

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19	Synthesis and Biological Evaluation of a New Furo[2,3-h]quinolin-2(1H)-one. Journal of Medicinal Chemistry, 2002, 45, 1146-1149.	2.9	26
20	DNA damage and biological effects induced by photosensitization with new N1-unsubstituted furo[2,3-h]quinolin-2(1H)-ones. Bioorganic and Medicinal Chemistry, 2002, 10, 2835-2844.	1.4	24
21	A Novel Convenient Synthesis of Benzoquinazolines. Organic Letters, 2006, 8, 255-256.	2.4	22
22	Pegylated enzyme entrapped in poly(vinyl alcohol) hydrogel for biocatalytic application. Il Farmaco, 2001, 56, 541-547.	0.9	21
23	1,4,8-Trimethylfuro[2,3-H]quinolin-2(1H)-one, a new furocoumarin bioisoster. European Journal of Medicinal Chemistry, 2004, 39, 411-419.	2.6	21
24	A new access to quinazolines from simple anilines. Tetrahedron, 2006, 62, 12351-12356.	1.0	21
25	New water soluble pyrroloquinoline derivatives as new potential anticancer agents. Bioorganic and Medicinal Chemistry, 2005, 13, 4733-4739.	1.4	18
26	Benzoquinazoline derivatives as new agents affecting DNA processing. Bioorganic and Medicinal Chemistry, 2011, 19, 1197-1204.	1.4	18
27	Corilagin Induces High Levels of Apoptosis in the Temozolomide-Resistant T98G Glioma Cell Line. Oncology Research, 2018, 26, 1307-1315.	0.6	18
28	Structural and Functional Insights on an Uncharacterized AÎ³-Globin-Gene Polymorphism Present in Four Î²0-Thalassemia Families with High Fetal Hemoglobin Levels. Molecular Diagnosis and Therapy, 2016, 20, 161-173.	1.6	17
29	Differential Effects of Angelicin Analogues on NF-ÎºB Activity and IL-8 Gene Expression in Cystic Fibrosis IB3-1 Cells. Mediators of Inflammation, 2017, 2017, 1-11.	1.4	16
30	Pyrroloquinolinone-based dual topoisomerase I/II inhibitor. European Journal of Medicinal Chemistry, 2014, 77, 103-109.	2.6	13
31	Design, synthesis and biological evaluation of novel trimethylangelicin analogues targeting nuclear factor κB (NF-κB). European Journal of Medicinal Chemistry, 2018, 151, 285-293.	2.6	13
32	Synthesis of Furo[3,2-g][1,4]Benzoxazin-3-ones, New Psoralen Isosters. European Journal of Organic Chemistry, 2002, 2002, 1937.	1.2	12
33	Substituted quinazolinones as kinase inhibitors endowed with anti-fibrotic properties. European Journal of Medicinal Chemistry, 2016, 115, 416-425.	2.6	12
34	Pyrazoloquinazoline Tricyclic System as Novel Scaffold to Design New Kinase CK2 Inhibitors. Letters in Drug Design and Discovery, 2006, 3, 281-284.	0.4	11
35	Targeting DNA Binding for NF-ÎºB as an Anticancer Approach in Hepatocellular Carcinoma. Cells, 2018, 7, 177.	1.8	11
36	Photobiological properties of 1-(3â€²-hydroxypropyl)-4,6,8-trimethylfuro[2,3-h]quinolin-2(1H)-one, a new furocoumarin analogue. Il Farmaco, 2000, 55, 650-658.	0.9	10

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37	Photochemical and photobiological studies on furoquinazolines as new psoralen analogs. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 43-54.	1.7	9
38	Tyrosine kinase inhibitor prodrug-loaded liposomes for controlled release at tumor microenvironment. Journal of Controlled Release, 2021, 340, 318-330.	4.8	8
39	New Vandetanib analogs: fused tricyclic quinazolines with antiangiogenic potential. Investigational New Drugs, 2012, 30, 594-603.	1.2	7
40	Discovery of ^{wt}RET and ^{V804M}RET Inhibitors: From Hit to Lead. ChemMedChem, 2017, 12, 1390-1398.	1.6	7
41	Synthesis of some benzo[c][2,6]naphthyridin-5-ones and new tetracyclic benzofuro[4,5-c]-2,6-naphthyridin-5(6H)-ones. Tetrahedron, 2002, 58, 9959-9964.	1.0	6
42	Psoralen derivatives as inhibitors of NF- $$upkappa hbox {B/DNA}$$ Îº B/DNA interaction: the critical role of the furan ring. Molecular Diversity, 2015, 19, 551-561.	2.1	6
43	Novel benzoquinoline derivatives via unpredicted condensation of ethyl propiolate and naphthylamines: Synthesis and topoisomerase inhibition activity. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4875-4878.	1.0	6
44	8-Azapsoralen derivatives: Isolation and characterization of the furan-side cycloadducts with DNA. Journal of Photochemistry and Photobiology B: Biology, 1994, 22, 151-155.	1.7	4
45	Photophysical properties of halo-derivatives of angelicins. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 98-105.	2.0	4
46	Synthesis of Methyl Derivatives of 4Hâ€Furo[2,3â€h]quinolinâ€4â€one and 5Hâ€Furo[3,2â€g]quinolinâ€5â€one. Liebigs Annalen, 1997, 1997, 419-422.	0.8	3
47	Psoralenquinones as a Novel Class of Proteasome Inhibitors: Design, Synthesis and Biological Evaluation. ChemMedChem, 2011, 6, 996-1000.	1.6	3
48	Autogrid-based clustering of kinases: selection of representative conformations for docking purposes. Molecular Diversity, 2014, 18, 611-619.	2.1	3
49	Photobiological properties of 3-psoralenacetic acids. Photochemical and Photobiological Sciences, 2015, 14, 2074-2086.	1.6	3
50	Photophysics and photodimerization of 6,5â€²-dimethylangelicin in different solvents. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 175, 69-78.	2.0	2
51	Mechanism of Action of 4-Hydroxymethyl-1,6,8-trimethylfuro[2,3-h]quinolin-2(1H)-one, a Very Active Angular Furocoumarin-like Sensitizer. Photochemistry and Photobiology, 2005, 81, 1371.	1.3	1
52	The Importance of Descriptorâ€Based Clusterization in QSAR Models Development: Tyrosine Kinases Inhibitors as a Key Study. Molecular Informatics, 2011, 30, 721-732.	1.4	1
53	Synthesis of Some Benzo[c][2,6]naphthyridin-5-ones and New Tetracyclic Benzofuro[4,5-c]-2,6-naphthyridine-5(6H)-ones.. ChemInform, 2003, 34, no.	0.1	0
54	1,4,8-Trimethylfuro[2,3-H]quinolin-2(1H)-one, a New Furocoumarin Bioisoster.. ChemInform, 2004, 35, no.	0.1	0