Laurence Goossens

List of Publications by Year in descending order

42 papers	1,061 citations	471509 17 h-index	414414 32 g-index
49 all docs	49 docs citations	49 times ranked	1639 citing authors

#	Article	IF	Citations
1	DNA Methylation Targeting: The DNMT/HMT Crosstalk Challenge. Biomolecules, 2017, 7, 3.	4.0	113
2	New COX-2/5-LOX Inhibitors:Â Apoptosis-Inducing Agents Potentially Useful in Prostate Cancer Chemotherapy. Journal of Medicinal Chemistry, 2004, 47, 6195-6206.	6.4	109
3	Quinazoline derivatives as anticancer drugs: a patent review (2011 â€“ present). Expert Opinion on Therapeutic Patents, 2015, 25, 789-804.	5.0	93
4	Synthesis and Activity of a New Methoxytetrahydropyran Derivative as Dual Cyclooxygenase-2/5-Lipoxygenase Inhibitor. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 779-782.	2.2	69
5	Impact of aryloxy-linked quinazolines: A novel series of selective VEGFR-2 receptor tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2106-2112.	2.2	64
6	Synthesis and Structureâ€“Activity Relationships of (Aryloxy)quinazoline Ureas as Novel, Potent, and Selective Vascular Endothelial Growth Factor Receptor-2 Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 1189-1204.	6.4	55
7	New selective carbonic anhydrase IX inhibitors: Synthesis and pharmacological evaluation of diarylpyrazole-benzenesulfonamides. Bioorganic and Medicinal Chemistry, 2013, 21, 1451-1464.	3.0	55
8	COX-2/5-LOX Dual Acting Anti-Inflammatory Drugs in Cancer Chemotherapy. Current Topics in Medicinal Chemistry, 2007, 7, 283-296.	2.1	48
9	[4-(6,7-Disubstituted quinazolin-4-ylamino)phenyl] carbamic acid esters: a novel series of dual EGFR/VEGFR-2 tyrosine kinase inhibitors. MedChemComm, 2011, 2, 65-72.	3.4	48
10	Design, Synthesis, and DNA-Binding of N-Alkyl(anilino)quinazoline Derivatives. Journal of Medicinal Chemistry, 2010, 53, 8089-8103.	6.4	44
11	Antiproliferative effects of isopentenylated coumarins isolated from Phellolophium madagascariense Baker. Natural Product Research, 2006, 20, 909-916.	1.8	36
12	Novel potent substance P and neurokinin A receptor antagonists. Conception, synthesis and biological evaluation of indolizine derivatives. Bioorganic and Medicinal Chemistry, 2002, 10, 2905-2912.	3.0	28
13	Inhibition of tumor cell growth and angiogenesis by 7-Aminoalkoxy-4-aryloxy-quinazoline ureas, a novel series of multi-tyrosine kinase inhibitors. European Journal of Medicinal Chemistry, 2014, 79, 369-381.	5.5	27
14	Quinazoline-urea, new protein kinase inhibitors in treatment of prostate cancer. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 158-171.	5.2	21
15	Design, solid-phase synthesis, and biological evaluation of novel 1,5-diarylpyrrole-3-carboxamides as carbonic anhydrase IX inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 7392-7401.	3.0	20
16	Antispasmodic and antioxidant activities of fractions and bioactive constituent davidigenin isolated from Mascarenhasia arborescens. Journal of Ethnopharmacology, 2010, 130, 320-328.	4.1	20
17	Label-free characterization of carbonic anhydrase-novel inhibitor interactions using surface plasmon resonance, isothermal titration calorimetry and fluorescence-based thermal shift assays. Journal of Molecular Recognition, 2014, 27, 46-56.	2.1	20
18	Chiral separation of new sulfonamide derivatives and evaluation of their enantioselective affinity for human carbonic anhydrase II by microscale thermophoresis and surface plasmon resonance. Journal of Pharmaceutical and Biomedical Analysis, 2017, 137, 113-122.	2.8	17

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19	Synthesis of 8â€substituted tetrahydroâ€Î³â€carbolines. Journal of Heterocyclic Chemistry, 2006, 43, 571-578.	2.6	15
20	New NSAIDs-NO hybrid molecules with antiproliferative properties on human prostatic cancer cell lines. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4655-4657.	2.2	14
21	Synthesis and biological evaluation of di-aryl urea derivatives as c-Kit inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 7340-7347.	3.0	14
22	Efficient synthesis of tetramethylsulfonylguanidines between a free sulfonamide group and HBTU. Tetrahedron Letters, 2006, 47, 6087-6090.	1.4	11
23	Synthesis and biological evaluation of a new family of anti-benzylanilinosulfonamides as CA IX inhibitors. European Journal of Medicinal Chemistry, 2009, 44, 511-518.	5.5	11
24	Conformation of the tripeptide Cbz-Pro-Leu-Trp-OBzl(CF3)2deduced from two-dimensional1H-NMR and conformational energy calculations is related to its affinity for NK1-receptor. Journal of Peptide Science, 2001, 7, 323-330.	1.4	10
25	A new synthesis of pyrrolo[3,2-b]quinolines by a tandem electrocyclizationâ€“oxidation process. Tetrahedron, 2008, 64, 7266-7272.	1.9	10
26	NMR investigation of the complexation and chiral discrimination of pyrazole sulfonamide derivatives with cyclodextrins. Carbohydrate Polymers, 2015, 115, 598-604.	10.2	10
27	Conformationally constrained dipeptides. Obtention of enantiomerically pure 6â€acetamidoâ€5â€oxoâ€1,2,3,5,6,7â€hexahydroâ€3â€indolizine carboxylic acid. Journal of Heterocyclic Chemistry, 2000, 37, 1491-1494.	2.6	9
28	Spectroscopic study of fluorescent peptides for prenyl transferase assays. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 417-422.	2.8	9
29	Discovery of orally bioavailable NK1 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 437-442.	2.2	7
30	Toward new camptothecins. Part 4: On the reactivity of nitro and amino precursors of aza analogs of 5-methoxycarbonyl camptothecin. Tetrahedron, 2007, 63, 9456-9464.	1.9	7
31	Optimization of the enantioseparation of a diarylâ€pyrazole sulfonamide derivative by capillary electrophoresis in a dual <scp>CD</scp> mode using experimental design. Electrophoresis, 2014, 35, 2765-2771.	2.4	7
32	Title is missing!. International Journal of Peptide Research and Therapeutics, 2000, 7, 269-279.	0.1	6
33	Chiral resolution of the enantiomers of new selective CB2 receptor agonists by liquid chromatography on amylose stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 848-853.	2.8	6
34	Novel and Efficient One-Pot Synthesis of (Aminophenyl)carbamic Acid Esters. Synthetic Communications, 2011, 41, 2007-2016.	2.1	5
35	A Convenient New Synthesis of 1,2-Diarylpyrroles from 3-Ethoxycarbonyl-4-oxo-4-phenylbutyraldehyde. Heterocycles, 2005, 65, 1673.	0.7	4
36	Synthesis of the 7â€Azaindole (1Hâ€Pyrrolo[2,3â€b]pyridine) Analogous to Cannabimimetic JHW 200. Synthetic Communications, 2006, 36, 2797-2805.	2.1	4

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37	Chemotaxonomic interest of iridoids isolated from a Malagasy species: Perichlaena richardii. Biochemical Systematics and Ecology, 2011, 39, 797-825.	1.3	4
38	Preparative enantiomeric separation of new selective CB₂ receptor agonists by liquid chromatography on polysaccharideâ€based chiral stationary phases: Determination of enantiomeric purity and assignment of absolute stereochemistry by Xâ€ray structure analysis. Chirality, 2011, 23, 389-396.	2.6	4
39	Regioselective and efficient halogenation of 4,5-unsubstituted alkyl 3-hydroxypyrrole/3-hydroxythiophene-2-yl-carboxylates. Tetrahedron Letters, 2017, 58, 2537-2541.	1.4	3
40	1-[4-(Methylsulfonyl)phenyl]-5-phenyl-1H-pyrazole derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o648-o652.	0.4	2
41	Amine coupling versus biotin capture for the assessment ofÂsulfonamide as ligands of hCA isoforms. Analytical Biochemistry, 2016, 511, 42-51.	2.4	1
42	A Convenient New Synthesis of 1,2-Diarylpyrroles from 3-Ethoxycarbonyl-4-oxo-4-phenylbutyraldehyde.. ChemInform, 2005, 36, no.	0.0	0