Eliezer J Barreiro

List of Publications by Year
in descending order

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176 papers	8,842 citations	66234 42 h-index	48187 88 g-index
184 all docs	184 docs citations	184 times ranked	10888 citing authors

#	Article	IF	Citations
1	Comparative chemical and biological hydrolytic stability of homologous esters and isosteres. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 718-727.	2.5	6
2	Identification of LASSBio-1945 as an inhibitor of SARS-CoV-2 main protease (M^{PRO}) through in silico screening supported by molecular docking and a fragment-based pharmacophore model. RSC Medicinal Chemistry, 2021, 12, 110-119.	1.7	16
3	Design and Synthesis In Silico Drug-like Prediction and Pharmacological Evaluation of Cyclopolymethylenic Homologous of LASSBio-1514. Molecules, 2021, 26, 4828.	1.7	0
4	Effect of Sâ€“Se Bioisosteric Exchange on Affinity and Intrinsic Efficacy of Novel N-acylhydrazone Derivatives at the Adenosine A2A Receptor. Molecules, 2021, 26, 7364.	1.7	0
5	Î²-lactam antibiotics: An overview from a medicinal chemistry perspective. European Journal of Medicinal Chemistry, 2020, 208, 112829.	2.6	227
6	Novel VEGFRâ€2 inhibitors with an Nâ€acylhydrazone scaffold. Archiv Der Pharmazie, 2020, 353, e2000130.	2.1	3
7	New Benzofuran N-Acylhydrazone Reduces Cardiovascular Dysfunction in Obese Rats by Blocking TNF-Alpha Synthesis . Drug Design, Development and Therapy, 2020, Volume 14, 3337-3350.	2.0	4
8	Bioisosteric Replacement of Arylamide-Linked Spine Residues with N-Acylhydrazones and Selenophenes as a Design Strategy to Novel Dibenzosuberone Derivatives as Type I 1/2 p38Î± MAP Kinase Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 7347-7354.	2.9	14
9	Case Study on Receptor Tyrosine Kinases EGFR, VEGFR, and PDGFR. Topics in Medicinal Chemistry, 2020, , 155-201.	0.4	0
10	Novel phosphatidylinositol 4-kinases III beta (PI4KIIIÎ²) inhibitors discovered by virtual screening using free energy models. Journal of Computer-Aided Molecular Design, 2020, 34, 1091-1103.	1.3	4
11	Carbamoyl-N-aryl-imine-urea: a new framework to obtain a putative leishmanicidal drug-candidate. RSC Advances, 2020, 10, 12384-12394.	1.7	2
12	What is hidden in the biodiversity? The role of natural products and medicinal chemistry in the drug discovery process. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20190306.	0.3	5
13	Reduction of cardiac and renal dysfunction by new inhibitor of DPP4 in diabetic rats. Pharmacological Reports, 2019, 71, 1190-1200.	1.5	5
14	LASSBio-596 protects gastric mucosa against the development of ethanol-induced gastric lesions in mice. European Journal of Pharmacology, 2019, 863, 172662.	1.7	7
15	Gastroprotective effects of N-acylarylhydrazone derivatives on ethanol-induced gastric lesions in mice are dependent on the NO/cGMP/KATP pathway. Biochemical Pharmacology, 2019, 169, 113629.	2.0	14
16	Evaluation of Functional Selectivity of Haloperidol, Clozapine, and LASSBio-579, an Experimental Compound With Antipsychotic-Like Actions in Rodents, at G Protein and Arrestin Signaling Downstream of the Dopamine D2 Receptor. Frontiers in Pharmacology, 2019, 10, 628.	1.6	2
17	A novel scaffold for EGFR inhibition: Introducing N-(3-(3-phenylureido)quinoxalin-6-yl) acrylamide derivatives. Scientific Reports, 2019, 9, 14.	1.6	28
18	Chemical Intuition in Drug Design and Discovery. Current Topics in Medicinal Chemistry, 2019, 19, 1679-1693.	1.0	10

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19	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. Toxicon, 2018, 144, 75-82.	0.8	4
20	Ru(II) Compounds: Next-Generation Anticancer Metallotherapeutics?. Journal of Medicinal Chemistry, 2018, 61, 5805-5821.	2.9	343
21	Discovery of naphthylâ€Nâ€acylhydrazone p38Î± MAPK inhibitors with in vivo antiâ€inflammatory and antiâ€TNFâ€Î± activity. Chemical Biology and Drug Design, 2018, 91, 391-397.	1.5	22
22	Synthesis, Pharmacological Evaluation and Docking Study of a New Modulator of Microtubule Polymerization. Letters in Drug Design and Discovery, 2018, 15, 778-786.	0.4	4
23	Design, Synthesis, Experimental and Theoretical Characterization of a New Multitarget 2-Thienyl-N-Acylhydrazone Derivative. Pharmaceuticals, 2018, 11, 119.	1.7	7
24	Potent immunosuppressive activity of a phosphodiesterase-4 inhibitor N-acylhydrazone in models of lipopolysaccharide-induced shock and delayed-type hypersensitivity reaction. International Immunopharmacology, 2018, 65, 108-118.	1.7	6
25	Synthesis, X-ray diffraction study and pharmacological evaluation of 3-amino-4-methylthiophene-2-acylcarbohydrazones. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1073-1088.	0.3	3
26	N-Acylhydrazones as drugs. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2797-2806.	1.0	140
27	Synergistic interaction between a PDE5 inhibitor (sildenafil) and a new adenosine A2A receptor agonist (LASSBio-1359) improves pulmonary hypertension in rats. PLoS ONE, 2018, 13, e0195047.	1.1	8
28	A combined experimental and in silico characterization to highlight additional structural features and properties of a potentially new drug. Journal of Molecular Structure, 2017, 1146, 735-743.	1.8	3
29	The antithrombotic and haemostatic effects of LASSBio-752: a synthetic, orally active compound in an arterial and venous thrombosis model in rats. Journal of Pharmacy and Pharmacology, 2017, 69, 1374-1380.	1.2	3
30	Structural characterization and cytotoxicity studies of different forms of a combretastatin A4 analogue. Journal of Molecular Structure, 2017, 1147, 226-234.	1.8	10
31	Adenosine Receptors As Drug Targets for Treatment of Pulmonary Arterial Hypertension. Frontiers in Pharmacology, 2017, 8, 858.	1.6	27
32	Adenosine A_{2A} receptor agonist prevents cardiac remodeling and dysfunction in spontaneously hypertensive male rats after myocardial infarction. Drug Design, Development and Therapy, 2017, Volume11, 553-562.	2.0	31
33	Synthesis, solubility, plasma stability, and pharmacological evaluation of novel sulfonylhydrazones designed as anti-diabetic agents. Drug Design, Development and Therapy, 2016, Volume 10, 2869-2879.	2.0	12
34	Treatment with Adenosine Receptor Agonist Ameliorates Pain Induced by Acute and Chronic Inflammation. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 315-323.	1.3	18
35	LASSBio-579, a prototype antipsychotic drug, and clozapine are effective in novel object recognition task, a recognition memory model. Behavioural Pharmacology, 2016, 27, 339-349.	0.8	7
36	Synthesis, characterization, DNA binding, DNA cleavage, protein binding and cytotoxic activities of Ru(II) complexes. International Journal of Biological Macromolecules, 2016, 82, 663-670.	3.6	33

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37	Synthesis, Pharmacological Profile and Docking Studies of New Sulfonamides Designed as Phosphodiesterase-4 Inhibitors. PLoS ONE, 2016, 11, e0162895.	1.1	10
38	Novel Orally Active Analgesic and Anti-Inflammatory Cyclohexyl-N-Acylhydrazone Derivatives. Molecules, 2015, 20, 3067-3088.	1.7	39
39	Therapeutic effects of LASSBio-596 in an elastase-induced mouse model of emphysema. Frontiers in Physiology, 2015, 6, 267.	1.3	18
40	Structural feature evolution â€“ from fluids to the solid phase â€“ and crystal morphology study of LASSBio 1601: a cyclohexyl-N-acylhydrazone derivative. RSC Advances, 2015, 5, 39889-39898.	1.7	6
41	Structural characterization of LASSBio-1289: a new vasoactive N-methyl-N-acylhydrazone derivative. CrystEngComm, 2015, 17, 165-173.	1.3	10
42	Design, synthesis and inÂvitro trypanocidal and leishmanicidal activities of novel semicarbazone derivatives. European Journal of Medicinal Chemistry, 2015, 100, 24-33.	2.6	18
43	Novel Agonist of Adenosine Receptor Induces Relaxation of Corpus Cavernosum in Guinea Pigs: An InÂVitro and InÂVivo Study. Urology, 2015, 85, 1214.e17-1214.e21.	0.5	4
44	Partial agonism and fast dissociation of LASSBio-579 at dopamine D2 receptor. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2015, 62, 1-6.	2.5	4
45	Design, synthesis, characterization, cytotoxic and structure activity relationships of novel Ru(II) complexes. Chinese Chemical Letters, 2015, 26, 721-726.	4.8	12
46	In vivo effect of LASSBio-785, a lipid-lowering and anti-inflammatory agent, on cardiac Ca2+-ATPases from hypercholesterolemic rats. International Journal of Cardiology, 2015, 201, 282-284.	0.8	2
47	3-Aminothiophene-2-Acylhydrazones: Non-Toxic, Analgesic and Anti-Inflammatory Lead-Candidates. Molecules, 2014, 19, 8456-8471.	1.7	10
48	Novel Potent Imidazo[1,2-a]pyridine-N-Glycinyl-Hydrazone Inhibitors of TNF-Î± Production: In Vitro and In Vivo Studies. PLoS ONE, 2014, 9, e91660.	1.1	16
49	Novel 2-chloro-4-anilino-quinazoline derivatives as EGFR and VEGFR-2 dual inhibitors. European Journal of Medicinal Chemistry, 2014, 71, 1-14.	2.6	109
50	N-acylhydrazone derivative ameliorates monocrotaline-induced pulmonary hypertension through the modulation of adenosine AA2R activity. International Journal of Cardiology, 2014, 173, 154-162.	0.8	36
51	Docking, Synthesis and Antiproliferative Activity of N-Acylhydrazone Derivatives Designed as Combretastatin A4 Analogues. PLoS ONE, 2014, 9, e85380.	1.1	50
52	LASSBio-1135: A Dual TRPV1 Antagonist and Anti-TNF-Alpha Compound Orally Effective in Models of Inflammatory and Neuropathic Pain. PLoS ONE, 2014, 9, e99510.	1.1	13
53	Biotransformation of LASSBio-579 and pharmacological evaluation of p -hydroxylated metabolite a N -phenylpiperazine antipsychotic lead compound. European Journal of Medicinal Chemistry, 2013, 62, 214-221.	2.6	14
54	Hybrid furoxanyl N-acylhydrazone derivatives as hits for the development of neglected diseases drug candidates. European Journal of Medicinal Chemistry, 2013, 59, 64-74.	2.6	57

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55	New oxidovanadium(IV) N -acylhydrazone complexes: Promising antileishmanial and antitrypanosomal agents. European Journal of Medicinal Chemistry, 2013, 62, 20-27.	2.6	57
56	Synthesis and pharmacological evaluation of new N-phenylpiperazine derivatives designed as homologues of the antipsychotic lead compound LASSBio-579. European Journal of Medicinal Chemistry, 2013, 66, 122-134.	2.6	25
57	Beneficial effects of a novel agonist of the adenosine <scp>A_{2A}</scp> receptor on monocrotalineâ€induced pulmonary hypertension in rats. British Journal of Pharmacology, 2013, 169, 953-962.	2.7	37
58	New insights into pharmacological profile of LASSBio-579, a multi-target N-phenylpiperazine derivative active on animal models of schizophrenia. Behavioural Brain Research, 2013, 237, 86-95.	1.2	26
59	Antihyperalgesic effects of a novel muscarinic agonist (<scp>LASSB</scp>ioâ€873) in spinal nerve ligation in rats. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 404-411.	0.9	8
60	Structure Re-determination of LASSBio-294 â€“ a cardioactive compound of the N-acylhydrazone class â€“ using X-ray powder diffraction data. Powder Diffraction, 2013, 28, S491-S509.	0.4	12
61	Characterization of Amide Bond Conformers for a Novel Heterocyclic Template of N-acylhydrazone Derivatives. Molecules, 2013, 18, 11683-11704.	1.7	82
62	Docking, Synthesis and Anti-Diabetic Activity of Novel Sulfonylhydrazone Derivatives Designed as PPAR-Gamma Agonists. Current Topics in Medicinal Chemistry, 2012, 12, 2037-2048.	1.0	14
63	Design, Synthesis, Antinociceptive and Anti-Inflammatory Activities of Novel Piroxicam Analogues. Molecules, 2012, 17, 14126-14145.	1.7	20
64	Docking, synthesis and pharmacological activity of novel urea-derivatives designed as p38 MAPK inhibitors. European Journal of Medicinal Chemistry, 2012, 54, 264-271.	2.6	14
65	Potential Inhibitory Effect of LASSBio-596, a New Thalidomide Hybrid, on Inflammatory Corneal Angiogenesis in Rabbits. Ophthalmic Research, 2012, 48, 177-185.	1.0	12
66	Novel furfurylidene N-acylhydrazones derived from natural safrole: discovery of LASSBio-1215, a new potent antiplatelet prototype. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 101-109.	2.5	6
67	Design, Synthesis, and Pharmacological Evaluation of N-Acylhydrazones and Novel Conformationally Constrained Compounds as Selective and Potent Orally Active Phosphodiesterase-4 Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 7525-7545.	2.9	105
68	Synthesis and Pharmacological Evaluation of Novel Phenyl Sulfonamide Derivatives Designed as Modulators of Pulmonary Inflammatory Response. Molecules, 2012, 17, 14651-14672.	1.7	9
69	Discovery of Novel Orally Active Anti-Inflammatory N-Phenylpyrazolyl-N-Glycinyl-Hydrazone Derivatives That Inhibit TNF-Î± Production. PLoS ONE, 2012, 7, e46925.	1.1	21
70	Synthesis and characterization of the atropisomeric relationships of a substituted Nâ€phenylâ€bipyrazole derivative with antiâ€inflammatory properties. Chirality, 2012, 24, 463-470.	1.3	2
71	Combination of docking, molecular dynamics and quantum mechanical calculations for metabolism prediction of 3,4-methylenedioxybenzoyl-2-thienylhydrazone. Journal of Molecular Modeling, 2012, 18, 2065-2078.	0.8	23
72	Discovery of new orally effective analgesic and anti-inflammatory hybrid furoxanyl N-acylhydrazone derivatives. Bioorganic and Medicinal Chemistry, 2012, 20, 2158-2171.	1.4	62

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73	Anti-inflammatory effects of LASSBio-998, a new drug candidate designed to be a p38 MAPK inhibitor, in an experimental model of acute lung inflammation. Pharmacological Reports, 2011, 63, 1029-1039.	1.5	14
74	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. Toxicon, 2011, 58, 195-201.	0.8	20
75	Therapeutic approaches for tumor necrosis factor inhibition. Brazilian Journal of Pharmaceutical Sciences, 2011, 47, 427-446.	1.2	13
76	Analgesic and Anti-Inflammatory Activities of Salicylaldehyde 2-Chlorobenzoyl Hydrazone (H2LASSBio-466), Salicylaldehyde 4-Chlorobenzoyl Hydrazone (H2LASSBio-1064) and Their Zinc(II) Complexes. Molecules, 2011, 16, 6902-6915.	1.7	48
77	The Methylation Effect in Medicinal Chemistry. Chemical Reviews, 2011, 111, 5215-5246.	23.0	671
78	Discovery of LASSBio-772, a 1,3-benzodioxole N-phenylpiperazine derivative with potent alpha 1A/D-Adrenergic receptor blocking properties. European Journal of Medicinal Chemistry, 2011, 46, 3000-3012.	2.6	32
79	CYP1A2-mediated biotransformation of cardioactive 2-thienylidene-3,4-methylenedioxybenzoylhydrazine (LASSBio-294) by rat liver microsomes and human recombinant CYP enzymes. European Journal of Medicinal Chemistry, 2011, 46, 349-355.	2.6	7
80	Structure-based design and biological profile of (E)-N-(4-Nitrobenzylidene)-2-naphthohydrazide, a novel small molecule inhibitor of Ií²B kinase-Î². European Journal of Medicinal Chemistry, 2011, 46, 1245-1253.	2.6	22
81	Determination of the cardioactive prototype LASSBio-294 and its metabolites in dog plasma by LCâ€“MS/MS: Application for a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 1024-1030.	1.4	7
82	Binuclear zinc(II) complexes with the anti-inflammatory compounds salicylaldehyde semicarbazone and salicylaldehyde-4-chlorobenzoyl hydrazone (H2LASSBio-1064). Polyhedron, 2011, 30, 1891-1898.	1.0	39
83	MAOS and Medicinal Chemistry: Some Important Examples from the Last Years. Molecules, 2011, 16, 9274-9297.	1.7	18
84	Anti-inflammatory Profile of N-Phenylpyrazole Arylhydrazone Derivatives in Rats. Journal of Pharmacy and Pharmacology, 2010, 51, 703-707.	1.2	8
85	Pharmacokinetic evaluation of LASSBio-579: an N-phenylpiperazine antipsychotic prototype. Journal of Pharmacy and Pharmacology, 2010, 60, 699-707.	1.2	33
86	Searching for multi-target antipsychotics: Discovery of orally active heterocyclic N-phenylpiperazine ligands of D2-like and 5-HT1A receptors. Bioorganic and Medicinal Chemistry, 2010, 18, 1925-1935.	1.4	57
87	Synthesis and pharmacological evaluation of pyrazine N-acylhydrazone derivatives designed as novel analgesic and anti-inflammatory drug candidates. Bioorganic and Medicinal Chemistry, 2010, 18, 5007-5015.	1.4	53
88	Novel thienylacylhydrazone derivatives inhibit platelet aggregation through cyclic nucleotides modulation and thromboxane A2 synthesis inhibition. European Journal of Pharmacology, 2010, 638, 5-12.	1.7	25
89	Characterization of the conformational ensemble from bioactive N-acylhydrazone derivatives. Journal of Molecular Graphics and Modelling, 2010, 28, 446-454.	1.3	12
90	Design of new dopamine D2 receptor ligands: Biosynthesis and pharmacological evaluation of the hydroxylated metabolite of LASSBio-581. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2888-2891.	1.0	7

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91	Microwave-assisted synthesis and structureâ€“activity relationships of neuroactive pyrazolo[3,4-b]pyrrolo[3,4-d]pyridine derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 74-77.	1.0	39
92	Structure-based prediction and biosynthesis of the major mammalian metabolite of the cardioactive prototype LASSBio-294. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3734-3736.	1.0	14
93	Pharmacological Characterization of (3-Thienylidene)-3,4-Methylenedioxybenzoylhydrazide: A Novel Muscarinic Agonist With Antihypertensive Profile. American Journal of Hypertension, 2010, 23, 135-141.	1.0	19
94	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. Toxicon, 2010, 56, 604-612.	0.8	25
95	Biodiversidade: fonte potencial para a descoberta de fÃ¡rmacos. Quimica Nova, 2009, 32, 679-688.	0.3	51
96	Sedation and antinociception induced by a new pyrazolo[3,4-b]pyrrolo[3,4-d]pyridine derivative (LASSBio-873) is modulated by activation of muscarinic receptors. Pharmacology Biochemistry and Behavior, 2009, 94, 70-74.	1.3	19
97	Synthesis and pharmacological evaluation of N-phenyl-acetamide sulfonamides designed as novel non-hepatotoxic analgesic candidates. European Journal of Medicinal Chemistry, 2009, 44, 3612-3620.	2.6	17
98	Studies towards the identification of putative bioactive conformation of potent vasodilator arylidene N-acylhydrazone derivatives. European Journal of Medicinal Chemistry, 2009, 44, 4004-4009.	2.6	71
99	Synthesis, pharmacological evaluation and docking studies of new sulindac analogues. European Journal of Medicinal Chemistry, 2009, 44, 1959-1971.	2.6	10
100	Discovery of novel analgesic and anti-inflammatory 3-arylamine-imidazo[1,2-a]pyridine symbiotic prototypes. Bioorganic and Medicinal Chemistry, 2009, 17, 74-84.	1.4	187
101	Synthesis, trypanocidal activity and docking studies of novel quinoxaline-N-acylhydrazones, designed as cruzain inhibitors candidates. Bioorganic and Medicinal Chemistry, 2009, 17, 641-652.	1.4	94
102	Novel 6-methanesulfonamide-3,4-methylenedioxyphenyl-N-acylhydrazones: Orally effective anti-inflammatory drug candidates. Bioorganic and Medicinal Chemistry, 2009, 17, 1125-1131.	1.4	35
103	Synthesis and analgesic profile of conformationally constrained N-acylhydrazone analogues: Discovery of novel N-arylideneamino quinazolin-4(3H)-one compounds derived from natural safrole. Bioorganic and Medicinal Chemistry, 2009, 17, 6517-6525.	1.4	24
104	Design, synthesis and analgesic properties of novel conformationally-restricted N-acylhydrazones (NAH). Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4963-4966.	1.0	48
105	From Nature to Drug Discovery: The Indole Scaffold as a ‘Privileged Structure’. Mini-Reviews in Medicinal Chemistry, 2009, 9, 782-793.	1.1	498
106	Synthesis and anti-platelet activity of novel arylsulfonateâ€“acylhydrazone derivatives, designed as antithrombotic candidates. European Journal of Medicinal Chemistry, 2008, 43, 348-356.	2.6	60
107	CNS-selective noncompetitive cholinesterase inhibitors derived from the natural piperidine alkaloid (â^')-spectaline. European Journal of Pharmacology, 2008, 580, 339-349.	1.7	34
108	Serotonergic neurotransmission mediates hypothermia induced by the N-phenylpiperazine antipsychotic prototypes LASSBio-579 and LASSBio-581. Pharmacology Biochemistry and Behavior, 2008, 89, 23-30.	1.3	14

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109	Improved Solventâ€Free Dakin Oxidation Protocol. Synthetic Communications, 2008, 38, 784-788.	1.1	27
110	1-Methyl-7-(4-nitrophenyl)-3-phenylpyrazolo[3,4-b]pyrrolo[3,4-d]pyridine-6,8(3H,7H)-dione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2356-o2356.	0.2	0
111	Molecular Hybridization: A Useful Tool in the Design of New Drug Prototypes. Current Medicinal Chemistry, 2007, 14, 1829-1852.	1.2	930
112	Privileged Structures: A Useful Concept for the Rational Design of New Lead Drug Candidates. Mini-Reviews in Medicinal Chemistry, 2007, 7, 1108-1119.	1.1	266
113	The Molecular Basis of COX-2 Versus COX-1 Selectivity of Lumiracoxib by Molecular Docking Studies. Letters in Drug Design and Discovery, 2007, 4, 422-425.	0.4	3
114	Synthesis, pharmacological evaluation and electrochemical studies of novel 6-nitro-3,4-methylenedioxyphenyl-N-acylhydrazone derivatives: Discovery of LASSBio-881, a new ligand of cannabinoid receptors. Bioorganic and Medicinal Chemistry, 2007, 15, 2421-2433.	1.4	59
115	Aspectos quÃmicos, biolÃ³gicos e etnofarmacolÃ³gicos do gÃªnero Cassia. Quimica Nova, 2006, 29, 1279-1286.	0.3	36
116	Os produtos naturais e a quÃmica medicinal moderna. Quimica Nova, 2006, 29, 326-337.	0.3	93
117	Development of new CoMFA and CoMSIA 3D-QSAR models for anti-inflammatory phthalimide-containing TNFÎ± modulators. Bioorganic and Medicinal Chemistry, 2006, 14, 6874-6885.	1.4	16
118	Design and synthesis of 3,4-methylenedioxy-6-nitrophenoxyacetylhydrazone derivatives obtained from natural safrole: New lead-agents with analgesic and antipyretic properties. Bioorganic and Medicinal Chemistry, 2006, 14, 7924-7935.	1.4	80
119	Design, synthesis, and pharmacological evaluation of new neuroactive pyrazolo[3,4-b]pyrrolo[3,4-d]pyridine derivatives with in vivo hypnotic and analgesic profile. Bioorganic and Medicinal Chemistry, 2006, 14, 632-640.	1.4	41
120	Medicinal Chemistry of N-Acylhydrazones: New Lead-Compounds of Analgesic, Antiinflammatory and Antithrombotic Drugs. Current Medicinal Chemistry, 2006, 13, 167-198.	1.2	95
121	Synthesis and vasodilatory activity of new N-acylhydrazone derivatives, designed as LASSBio-294 analogues. Bioorganic and Medicinal Chemistry, 2005, 13, 3431-3437.	1.4	87
122	New selective acetylcholinesterase inhibitors designed from natural piperidine alkaloids. Bioorganic and Medicinal Chemistry, 2005, 13, 4184-4190.	1.4	48
123	New potent 5-substituted benzofuroxans as inhibitors of Trypanosoma cruzi growth: Quantitative structureâ€“activity relationship studies. Bioorganic and Medicinal Chemistry, 2005, 13, 6336-6346.	1.4	36
124	Design, synthesis and antiinflammatory activity of novel phthalimide derivatives, structurally related to thalidomide. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1169-1172.	1.0	70
125	Evaluating the prophylactic potential of the phtalimide derivative LASSBio 552 on allergen-evoked inflammation in rats. European Journal of Pharmacology, 2005, 511, 219-227.	1.7	2
126	Electrospray ionization mass and tandem mass spectra of a series ofN-pyrazolylmethyl andN-triazolylmethylN-phenylpiperazines: new dopaminergic ligands with potential antipsychotic properties. Journal of Mass Spectrometry, 2005, 40, 815-820.	0.7	13

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127	The molecular basis for coxib inhibition of p38Î± MAP kinase. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3506-3509.	1.0	13
128	New Anti-Alzheimer Drugs from Biodiversity: The Role of the Natural Acetylcholinesterase Inhibitors. Mini-Reviews in Medicinal Chemistry, 2005, 5, 915-926.	1.1	39
129	Bioisosterism: A Useful Strategy for Molecular Modification and Drug Design. Current Medicinal Chemistry, 2005, 12, 23-49.	1.2	563
130	LASSBio-468: a new achiral thalidomide analogue which modulates TNF-Î± and NO production and inhibits endotoxic shock and arthritis in an animal model. International Immunopharmacology, 2005, 5, 485-494.	1.7	19
131	New optimized piperamide analogues with potent in vivo hypotensive properties. European Journal of Pharmaceutical Sciences, 2004, 23, 363-369.	1.9	26
132	Further Bioactive Piperidine Alkaloids from the Flowers and Green Fruits ofCassiaspectabilis. Journal of Natural Products, 2004, 67, 908-910.	1.5	104
133	A novel 3D-QSAR comparative molecular field analysis (CoMFA) model of imidazole and quinazolinone functionalized p38 MAP kinase inhibitors. Bioorganic and Medicinal Chemistry, 2004, 12, 3159-3166.	1.4	50
134	New class of potent antinociceptive and antiplatelet 10H-phenothiazine-1-acylhydrazone derivatives. Bioorganic and Medicinal Chemistry, 2004, 12, 3149-3158.	1.4	125
135	Synthesis and Pharmacological Evaluation of Novel Antinociceptive N-Substituted-phenylimidazolyl-4-acylhydrazone Derivatives.. ChemInform, 2003, 34, no.	0.1	0
136	Antiplatelet properties of novel N-substituted-phenyl-1,2,3-triazole-4-acylhydrazone derivatives. Bioorganic and Medicinal Chemistry, 2003, 11, 2051-2059.	1.4	168
137	Design, synthesis and pharmacological profile of novel dopamine D2 receptor ligands. Bioorganic and Medicinal Chemistry, 2003, 11, 4807-4813.	1.4	67
138	Design, Synthesis, and Pharmacological Profile of Novel Fused Pyrazolo[4,3-d]pyridine and Pyrazolo[3,4-b][1,8]naphthyridine Isosteres:Â A New Class of Potent and Selective Acetylcholinesterase Inhibitors. Journal of Medicinal Chemistry, 2003, 46, 1144-1152.	2.9	101
139	Antinociceptive Profile of (-)-Spectaline: A Piperidine Alkaloid fromCassia leptophylla. Planta Medica, 2003, 69, 795-799.	0.7	23
140	A quÃmica medicinal de N-acilidrazonas: novos compostos-protÃ³tipos de fÃ¡rmacos analgÃ©sicos, antiinflamatÃ³rios e anti-trombÃ³ticos. Quimica Nova, 2002, 25, 129-148.	0.3	42
141	EstratÃ©gia de simplificaÃ§Ã£o molecular no planejamento racional de fÃ¡rmacos: a descoberta de novo agente cardioativo. Quimica Nova, 2002, 25, 1172-1180.	0.3	33
142	Synthesis and pharmacological evaluation of novel antinociceptive N-substituted-phenylimidazolyl-4-acylhydrazone derivatives. Il Farmaco, 2002, 57, 999-1007.	0.9	22
143	Synthesis and biological evaluation of new imidazo[1,2-a]pyridine derivatives designed as mefloquine analogues. Il Farmaco, 2002, 57, 825-832.	0.9	23
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