Rob Leurs

List of Publications by Year in Descending Order

338 papers	13,165 citations	62 h-index	95 g-index
350 ext. papers	14,400 ext. citations	5.8 avg, IF	6.06 L-index

#	Paper	IF	Citations
338	Optical control of Class A G protein-coupled receptors with photoswitchable ligands.. *Current Opinion in Pharmacology*, **2022**, 63, 102192	5.1	1
337	New Chemical Biology Tools for the Histamine Receptor Family. *Current Topics in Behavioral Neurosciences*, **2022**,	3.4	
336	Short- and Long-Term Social Recognition Memory Are Differentially Modulated by Neuronal Histamine. *Biomolecules*, **2021**, 11,	5.9	3
335	Structure Activity Relationship of -Substituted Phenyldihydropyrazolones Against Amastigotes. *Frontiers in Chemistry*, **2021**, 9, 608438	5	1
334	Exploring the Effect of Cyclization of Histamine H Receptor Antagonists on Ligand Binding Kinetics. *ACS Omega*, **2021**, 6, 12755-12768	3.9	
333	Controlling the selectivity of aminergic GPCR ligands from the extracellular vestibule. *Bioorganic Chemistry*, **2021**, 111, 104832	5.1	3
332	NanoLuc-Based Methods to Measure βArrestin2 Recruitment to G Protein-Coupled Receptors. *Methods in Molecular Biology*, **2021**, 2268, 233-248	1.4	2
331	Tetrahydrophthalazinone Inhibitor of Phosphodiesterase with Activity against Intracellular Trypanosomatids. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	1
330	Identification of TSPAN4 as Novel Histamine H Receptor Interactor. *Biomolecules*, **2021**, 11,	5.9	1
329	Development of a Conformational Histamine H Receptor Biosensor for the Synchronous Screening of Agonists and Inverse Agonists. *ACS Sensors*, **2020**, 5, 1734-1742	9.2	13
328	Differential Role of Serines and Threonines in Intracellular Loop 3 and C-Terminal Tail of the Histamine H Receptor in βArrestin and G Protein-Coupled Receptor Kinase Interaction, Internalization, and Signaling. *ACS Pharmacology and Translational Science*, **2020**, 3, 321-333	5.9	5
327	Lead Optimization of Phthalazinone Phosphodiesterase Inhibitors as Novel Antitrypanosomal Compounds. *Journal of Medicinal Chemistry*, **2020**, 63, 3485-3507	8.3	2
326	Efficacy of Novel Pyrazolone Phosphodiesterase Inhibitors in Experimental Mouse Models of Trypanosoma cruzi. *Antimicrobial Agents and Chemotherapy*, **2020**, 64,	5.9	4
325	Structure-Activity Relationship of Phenylpyrazolones against Trypanosoma cruzi. *ChemMedChem*, **2020**, 15, 1310-1321	3.7	3
324	Evaluation of phthalazinone phosphodiesterase inhibitors with improved activity and selectivity against Trypanosoma cruzi. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 958-967	5.1	6
323	Identification of Phenylphthalazinones as a New Class of Leishmania infantum Inhibitors. *ChemMedChem*, **2020**, 15, 219-227	3.7	2
322	Label-Free Analysis with Multiple Parameters Separates G Protein-Coupled Receptor Signaling Pathways. *Analytical Chemistry*, **2020**, 92, 14509-14516	7.8	1

321	Cloning and functional complementation of ten Schistosoma mansoni phosphodiesterases expressed in the mammalian host stages. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008447	4.8	2
320	Discovery of Diaryl Ether Substituted Tetrahydrophthalazinones as TbrPDEB1 Inhibitors Following Structure-Based Virtual Screening. *Frontiers in Chemistry*, **2020**, 8, 608030	5	1
319	Screening of a PDE-focused library identifies imidazoles with in vitro and in vivo antischistosomal activity. *International Journal for Parasitology: Drugs and Drug Resistance*, **2019**, 9, 35-43	4	9
318	Identification of Key Structural Motifs Involved in 7 Transmembrane Signaling of Adhesion GPCRs. *ACS Pharmacology and Translational Science*, **2019**, 2, 101-113	5.9	7
317	Design, synthesis, and and characterization of 1-{4-[4-(substituted)piperazin-1-yl]butyl}guanidines and their piperidine analogues as histamine H receptor antagonists. *MedChemComm*, **2019**, 10, 234-251	5	2
316	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 3998-4012	3.4	7
315	Route to Prolonged Residence Time at the Histamine H Receptor: Growing from Desloratadine to Rupatadine. *Journal of Medicinal Chemistry*, **2019**, 62, 6630-6644	8.3	8
314	Probe dependency in the determination of ligand binding kinetics at a prototypical G protein-coupled receptor. *Scientific Reports*, **2019**, 9, 7906	4.9	16
313	Phenyldihydropyrazolones as Novel Lead Compounds Against Trypanosoma cruzi. *ACS Omega*, **2019**, 4, 6585-6596	3.9	5
312	A Photoswitchable Agonist for the Histamine H3 Receptor, a Prototypic Family A G-Protein-Coupled Receptor. *Angewandte Chemie*, **2019**, 131, 4579-4583	3.6	1
311	A Photoswitchable Agonist for the Histamine H Receptor, a Prototypic Family A G-Protein-Coupled Receptor. *Angewandte Chemie - International Edition*, **2019**, 58, 4531-4535	16.4	12
310	Discovery of novel PDE4A inhibitors as potential agents against schistosomiasis. *Future Medicinal Chemistry*, **2019**, 11, 1703-1720	4.1	4
309	Bioluminescence Resonance Energy Transfer Based G Protein-Activation Assay to Probe Duration of Antagonism at the Histamine H Receptor. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	5
308	Identification of Phenylpyrazolone Dimers as a New Class of Anti-Trypanosoma cruzi Agents. *ChemMedChem*, **2019**, 14, 1662-1668	3.7	2
307	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors (Part 2). *Bioorganic and Medicinal Chemistry*, **2019**, 27, 4013-4029	3.4	7
306	Chemokine Receptor Crystal Structures: What Can Be Learned from Them?. *Molecular Pharmacology*, **2019**, 96, 765-777	4.3	11
305	The human cytomegalovirus-encoded G protein-coupled receptor UL33 exhibits oncomodulatory properties. *Journal of Biological Chemistry*, **2019**, 294, 16297-16308	5.4	10
304	4-(3-Aminoazetidin-1-yl)pyrimidin-2-amines as High-Affinity Non-imidazole Histamine H Receptor Agonists with in Vivo Central Nervous System Activity. *Journal of Medicinal Chemistry*, **2019**, 62, 10848-10866	8.3	6

303	The Landscape of Atypical and Eukaryotic Protein Kinases. *Trends in Pharmacological Sciences*, **2019**, 40, 818-832	13.2	42
302	A toolbox of molecular photoswitches to modulate the CXCR3 chemokine receptor with light. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 2509-2523	2.5	7
301	Covalent Inhibition of the Histamine H Receptor. *Molecules*, **2019**, 24,	4.8	2
300	Modulators of CXCR4 and CXCR7/ACKR3 Function. *Molecular Pharmacology*, **2019**, 96, 737-752	4.3	30
299	Structure-based exploration and pharmacological evaluation of N-substituted piperidin-4-yl-methanamine CXCR4 chemokine receptor antagonists. *European Journal of Medicinal Chemistry*, **2019**, 162, 631-649	6.8	8
298	Aminergic GPCR-Ligand Interactions: A Chemical and Structural Map of Receptor Mutation Data. *Journal of Medicinal Chemistry*, **2019**, 62, 3784-3839	8.3	28
297	Synthesis and Characterization of a Bidirectional Photoswitchable Antagonist Toolbox for Real-Time GPCR Photopharmacology. *Journal of the American Chemical Society*, **2018**, 140, 4232-4243	16.4	35
296	Targeting a Subpocket in Trypanosoma brucei Phosphodiesterase B1 (TbrPDEB1) Enables the Structure-Based Discovery of Selective Inhibitors with Trypanocidal Activity. *Journal of Medicinal Chemistry*, **2018**, 61, 3870-3888	8.3	23
295	Development of novel fluorescent histamine H-receptor antagonists to study ligand-binding kinetics in living cells. *Scientific Reports*, **2018**, 8, 1572	4.9	38
294	3D-e-Chem: Structural Cheminformatics Workflows for Computer-Aided Drug Discovery. *ChemMedChem*, **2018**, 13, 614-626	3.7	15
293	The constitutive activity of the virally encoded chemokine receptor US28 accelerates glioblastoma growth. *Oncogene*, **2018**, 37, 4110-4121	9.2	41
292	Photoswitching the Efficacy of a Small-Molecule Ligand for a Peptidergic GPCR: from Antagonism to Agonism. *Angewandte Chemie*, **2018**, 130, 11782-11786	3.6	2
291	4-Hydroxypiperidines and Their Flexible 3-(Amino)propyloxy Analogues as Non-Imidazole Histamine H Receptor Antagonist: Further Structure?Activity Relationship Exploration and In Vitro and In Vivo Pharmacological Evaluation. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	1
290	Non-Imidazole Histamine H Ligands. Part VII. Synthesis, In Vitro and In Vivo Characterization of 5-Substituted-2-thiazol-4-n-propylpiperazines. *Molecules*, **2018**, 23,	4.8	3
289	Photoswitching the Efficacy of a Small-Molecule Ligand for a Peptidergic GPCR: from Antagonism to Agonism. *Angewandte Chemie - International Edition*, **2018**, 57, 11608-11612	16.4	19
288	Homogeneous, Real-Time NanoBRET Binding Assays for the Histamine H and H Receptors on Living Cells. *Molecular Pharmacology*, **2018**, 94, 1371-1381	4.3	20
287	The long duration of action of the second generation antihistamine bilastine coincides with its long residence time at the histamine H receptor. *European Journal of Pharmacology*, **2018**, 838, 107-111	5.3	14
286	3D-e-Chem-VM: Structural Cheminformatics Research Infrastructure in a Freely Available Virtual Machine. *Journal of Chemical Information and Modeling*, **2017**, 57, 115-121	6.1	17

285	Structural Analysis of Chemokine Receptor-Ligand Interactions. *Journal of Medicinal Chemistry*, **2017**, 60, 4735-4779	8.3	66
284	Kinetics for Drug Discovery: an industry-driven effort to target drug residence time. *Drug Discovery Today*, **2017**, 22, 896-911	8.8	113
283	The clinical pharmacology of non-sedating antihistamines. *Pharmacology & Therapeutics*, **2017**, 178, 148-156	13.9	31
282	The Future of Drug Development for Neglected Tropical Diseases: How the European Commission Can Continue to Make a Difference. *Trends in Parasitology*, **2017**, 33, 581-583	6.4	8
281	Methods to Study the Molecular Pharmacology of the Histamine H4 Receptor. *Methods in Pharmacology and Toxicology*, **2017**, 157-181	1.1	1
280	Ligand-Binding Kinetics on Histamine Receptors. *Methods in Pharmacology and Toxicology*, **2017**, 115-155	1.1	4
279	Histamine Receptors and Their Ligands: Mechanisms and Applications ? **2017**,		1
278	The single cyclic nucleotide-specific phosphodiesterase of the intestinal parasite Giardia lamblia represents a potential drug target. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0005891	4.8	9
277	The Target Residence Time of Antihistamines Determines Their Antagonism of the G Protein-Coupled Histamine H1 Receptor. *Frontiers in Pharmacology*, **2017**, 8, 667	5.6	17
276	Identification of Ligand Binding Hot Spots of the Histamine H Receptor following Structure-Based Fragment Optimization. *Journal of Medicinal Chemistry*, **2016**, 59, 9047-9061	8.3	24
275	BRET-based β-arrestin2 recruitment to the histamine H1 receptor for investigating antihistamine binding kinetics. *Pharmacological Research*, **2016**, 111, 679-687	10.2	19
274	Molecular Pharmacology of Chemokine Receptors. *Methods in Enzymology*, **2016**, 570, 457-515	1.7	3
273	Function-specific virtual screening for GPCR ligands using a combined scoring method. *Scientific Reports*, **2016**, 6, 28288	4.9	61
272	KLIFS: a structural kinase-ligand interaction database. *Nucleic Acids Research*, **2016**, 44, D365-71	20.1	98
271	PDEStrIAn: A Phosphodiesterase Structure and Ligand Interaction Annotated Database As a Tool for Structure-Based Drug Design. *Journal of Medicinal Chemistry*, **2016**, 59, 7029-65	8.3	43
270	Combined CXCR3/CXCR4 measurements are of high prognostic value in chronic lymphocytic leukemia due to negative co-operativity of the receptors. *Haematologica*, **2016**, 101, e99-102	6.6	21
269	Synthesis and evaluation of analogs of the phenylpyridazinone NPD-001 as potent trypanosomal TbrPDEB1 phosphodiesterase inhibitors and in vitro trypanocidals. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 1573-81	3.4	22
268	The viral G protein-coupled receptor ORF74 unmasks phospholipase C signaling of the receptor tyrosine kinase IGF-1R. *Cellular Signalling*, **2016**, 28, 595-605	4.9	4

267	Molecular Aspects of Histamine Receptors. *Receptors*, **2016**, 1-49		3
266	Adhesion GPCRs in immunology. *Biochemical Pharmacology*, **2016**, 114, 88-102	6	8
265	Surface plasmon resonance biosensor assay for the analysis of small-molecule inhibitor binding to human and parasitic phosphodiesterases. *Analytical Biochemistry*, **2016**, 503, 41-9	3.1	6
264	Molecular interaction fingerprint approaches for GPCR drug discovery. *Current Opinion in Pharmacology*, **2016**, 30, 59-68	5.1	32
263	Modulation of cellular signaling by herpesvirus-encoded G protein-coupled receptors. *Frontiers in Pharmacology*, **2015**, 6, 40	5.6	28
262	Structure-based virtual screening for fragment-like ligands of the G protein-coupled histamine H4 receptor. *MedChemComm*, **2015**, 6, 1003-1017	5	27
261	Structure-Based Prediction of G-Protein-Coupled Receptor Ligand Function: A β-Adrenoceptor Case Study. *Journal of Chemical Information and Modeling*, **2015**, 55, 1045-61	6.1	35
260	Fragment-based screening in tandem with phenotypic screening provides novel antiparasitic hits. *Journal of Biomolecular Screening*, **2015**, 20, 131-40		19
259	Pharmacological characterization of [3H]VUF11211, a novel radiolabeled small-molecule inverse agonist for the chemokine receptor CXCR3. *Molecular Pharmacology*, **2015**, 87, 639-48	4.3	9
258	Combinatorial Consensus Scoring for Ligand-Based Virtual Fragment Screening: A Comparative Case Study for Serotonin 5-HT(3)A, Histamine H(1), and Histamine H(4) Receptors. *Journal of Chemical Information and Modeling*, **2015**, 55, 1030-44	6.1	15
257	Metabolic profiling of ligands for the chemokine receptor CXCR3 by liquid chromatography-mass spectrometry coupled to bioaffinity assessment. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 7067-81	4.4	4
256	International Union of Basic and Clinical Pharmacology. XCVIII. Histamine Receptors. *Pharmacological Reviews*, **2015**, 67, 601-55	22.5	330
255	The Viral G Protein-Coupled Receptor ORF74 Hijacks β-Arrestins for Endocytic Trafficking in Response to Human Chemokines. *PLoS ONE*, **2015**, 10, e0124486	3.7	14
254	Herpesvirus-encoded GPCRs: neglected players in inflammatory and proliferative diseases?. *Nature Reviews Drug Discovery*, **2014**, 13, 123-39	64.1	64
253	Exploring the CXCR3 Chemokine Receptor with Small-Molecule Antagonists and Agonists. *Topics in Medicinal Chemistry*, **2014**, 119-185	0.4	4
252	Identification of overlapping but differential binding sites for the high-affinity CXCR3 antagonists NBI-74330 and VUF11211. *Molecular Pharmacology*, **2014**, 85, 116-26	4.3	21
251	From three-dimensional GPCR structure to rational ligand discovery. *Advances in Experimental Medicine and Biology*, **2014**, 796, 129-57	3.6	26
250	KLIFS: a knowledge-based structural database to navigate kinase-ligand interaction space. *Journal of Medicinal Chemistry*, **2014**, 57, 249-77	8.3	179

249	Mapping histamine H4 receptor ligand binding modes. *MedChemComm*, **2013**, 4, 193-204	5	25
248	Structure-activity relationships of quinoxaline-based 5-HT3A and 5-HT3AB receptor-selective ligands. *ChemMedChem*, **2013**, 8, 946-55	3.7	9
247	Combining quantum mechanical ligand conformation analysis and protein modeling to elucidate GPCR-ligand binding modes. *ChemMedChem*, **2013**, 8, 49-53	3.7	4
246	Discovery of novel Trypanosoma brucei phosphodiesterase B1 inhibitors by virtual screening against the unliganded TbrPDEB1 crystal structure. *Journal of Medicinal Chemistry*, **2013**, 56, 2087-96	8.3	46
245	From heptahelical bundle to hits from the Haystack: structure-based virtual screening for GPCR ligands. *Methods in Enzymology*, **2013**, 522, 279-336	1.7	44
244	A novel series of histamine H4 receptor antagonists based on the pyrido[3,2-d]pyrimidine scaffold: comparison of hERG binding and target residence time with PF-3893787. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 2663-70	2.9	21
243	Small and colorful stones make beautiful mosaics: fragment-based chemogenomics. *Drug Discovery Today*, **2013**, 18, 323-30	8.8	26
242	Bispyrimidines as potent histamine H(4) receptor ligands: delineation of structure-activity relationships and detailed H(4) receptor binding mode. *Journal of Medicinal Chemistry*, **2013**, 56, 4264-76	8.3	12
241	Neutralizing nanobodies targeting diverse chemokines effectively inhibit chemokine function. *Journal of Biological Chemistry*, **2013**, 288, 25173-25182	5.4	32
240	Design and pharmacological characterization of VUF14480, a covalent partial agonist that interacts with cysteine 98(3.36) of the human histamine H receptor. *British Journal of Pharmacology*, **2013**, 170, 89-100	8.6	24
239	A single-point mutation (Ala280Val) in the third intracellular loop alters the signalling properties of the human histamine H receptor stably expressed in CHO-K1 cells. *British Journal of Pharmacology*, **2013**, 170, 127-35	8.6	19
238	Arrestin recruitment and G protein signaling by the atypical human chemokine decoy receptor CCX-CKR. *Journal of Biological Chemistry*, **2013**, 288, 7169-81	5.4	30
237	Fragment based lead discovery of small molecule inhibitors for the EPHA4 receptor tyrosine kinase. *European Journal of Medicinal Chemistry*, **2012**, 47, 493-500	6.8	21
236	Ligand based design of novel histamine H receptor antagonists; fragment optimization and analysis of binding kinetics. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 461-7	2.9	23
235	Structure-based design, synthesis and structure-activity relationships of dibenzosuberyl- and benzoate-substituted tropines as ligands for acetylcholine-binding protein. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 1448-54	2.9	2
234	Virtual fragment screening: discovery of histamine H3 receptor ligands using ligand-based and protein-based molecular fingerprints. *Journal of Chemical Information and Modeling*, **2012**, 52, 3308-24	6.1	55
233	Chemical subtleties in small-molecule modulation of peptide receptor function: the case of CXCR3 biaryl-type ligands. *Journal of Medicinal Chemistry*, **2012**, 55, 10572-83	8.3	21
232	Well characterized antihistamine 4 receptor antibodies contribute to current knowledge of the expression and biology of the human and murine histamine 4 receptor. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2012**, 385, 853-4; author reply 855-60	3.4	14

231	Pharmacological characterization of a small-molecule agonist for the chemokine receptor CXCR3. *British Journal of Pharmacology*, **2012**, 166, 898-911	8.6	35
230	Catechol pyrazolinones as trypanocidals: fragment-based design, synthesis, and pharmacological evaluation of nanomolar inhibitors of trypanosomal phosphodiesterase B1. *Journal of Medicinal Chemistry*, **2012**, 55, 8745-56	8.3	46
229	Label-free impedance responses of endogenous and synthetic chemokine receptor CXCR3 agonists correlate with Gi-protein pathway activation. *Biochemical and Biophysical Research Communications*, **2012**, 419, 412-8	3.4	24
228	Design, synthesis, and structure-activity relationships of highly potent 5-HT receptor ligands. *Journal of Medicinal Chemistry*, **2012**, 55, 8603-14	8.3	29
227	Detailed structure-activity relationship of indolecarboxamides as H4 receptor ligands. *European Journal of Medicinal Chemistry*, **2012**, 54, 660-8	6.8	15
226	Regiochemistry of the condensation of 2-aroyl-cyclohexanones and 2-cyanoacetamide: 13C-labeling studies and semiempirical MO calculations. *Journal of Organic Chemistry*, **2012**, 77, 7355-63	4.2	4
225	Effects of histamine H4 receptor ligands in a mouse model of gastric ulceration. *Pharmacology*, **2012**, 89, 287-94	2.3	9
224	Molecular pharmacology of histamine H4 receptors. *Frontiers in Bioscience - Landmark*, **2012**, 17, 2089-106	3.68	12
223	A medicinal chemistry perspective on melting point: matched molecular pair analysis of the effects of simple descriptors on the melting point of drug-like compounds. *MedChemComm*, **2012**, 3, 584	5	24
222	A prospective cross-screening study on G-protein-coupled receptors: lessons learned in virtual compound library design. *Journal of Medicinal Chemistry*, **2012**, 55, 5311-25	8.3	28
221	Synthesis, modeling and functional activity of substituted styrene-amides as small-molecule CXCR7 agonists. *European Journal of Medicinal Chemistry*, **2012**, 51, 184-92	6.8	35
220	Pharmacological modulation of chemokine receptor function. *British Journal of Pharmacology*, **2012** , 165, 1617-1643	8.6	175
219	Strain-dependent effects of the histamine H receptor antagonist JNJ7777120 in a murine model of acute skin inflammation. *Experimental Dermatology*, **2012**, 21, 32-7	4	27
218	Development of a profiling strategy for metabolic mixtures by combining chromatography and mass spectrometry with cell-based GPCR signaling. *Journal of Biomolecular Screening*, **2012**, 17, 1329-38		11
217	Analysis of multiple histamine H receptor compound classes uncovers G protein- and arrestin2-biased ligands. *Molecular Pharmacology*, **2012**, 82, 1174-82	4.3	42
216	Ubiquitination of CXCR7 controls receptor trafficking. *PLoS ONE*, **2012**, 7, e34192	3.7	70
215	Constitutive catenin signaling by the viral chemokine receptor US28. *PLoS ONE*, **2012**, 7, e48935	3.7	28
214	Fragment growing induces conformational changes in acetylcholine-binding protein: a structural and thermodynamic analysis. *Journal of the American Chemical Society*, **2011**, 133, 5363-71	16.4	63

213	Molecular determinants of ligand binding modes in the histamine H(4) receptor: linking ligand-based three-dimensional quantitative structure-activity relationship (3D-QSAR) models to in silico guided receptor mutagenesis studies. *Journal of Medicinal Chemistry*, **2011**, 54, 8136-47	8.3	44
212	Triazole ligands reveal distinct molecular features that induce histamine H4 receptor affinity and subtly govern H4/H3 subtype selectivity. *Journal of Medicinal Chemistry*, **2011**, 54, 1693-703	8.3	34
211	Crystal structure-based virtual screening for fragment-like ligands of the human histamine H(1) receptor. *Journal of Medicinal Chemistry*, **2011**, 54, 8195-206	8.3	171
210	En route to new blockbuster anti-histamines: surveying the offspring of the expanding histamine receptor family. *Trends in Pharmacological Sciences*, **2011**, 32, 250-7	13.2	66
209	G protein-coupled receptors: walking hand-in-hand, talking hand-in-hand?. *British Journal of Pharmacology*, **2011**, 163, 246-60	8.6	31
208	Brain P450 epoxygenase activity is required for the antinociceptive effects of improgan, a nonopioid analgesic. *Pain*, **2011**, 152, 878-887	8	12
207	Agonist-dependent effects of mutations in the sphingosine-1-phosphate type 1 receptor. *European Journal of Pharmacology*, **2011**, 667, 105-12	5.3	13
206	Selective histamine H□and H□receptor agonists exert opposite effects against the gastric lesions induced by HCl in the rat stomach. *European Journal of Pharmacology*, **2011**, 669, 121-7	5.3	10
205	Acetylcholine binding protein (AChBP) as template for hierarchical in silico screening procedures to identify structurally novel ligands for the nicotinic receptors. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 6107-19	3.4	25
204	Fragment library screening reveals remarkable similarities between the G protein-coupled receptor histamine H□and the ion channel serotonin 5-HT□. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 5460-4	2.9	30
203	Identification of a novel allosteric binding site in the CXCR2 chemokine receptor. *Molecular Pharmacology*, **2011**, 80, 1108-18	4.3	26
202	Nanofractionation spotter technology for rapid contactless and high-resolution deposition of LC eluent for further off-line analysis. *Analytical Chemistry*, **2011**, 83, 125-32	7.8	19
201	CXCR3 antagonists: quaternary ammonium salts equipped with biphenyl- and polycycloaliphatic-anchors. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 3384-93	3.4	17
200	A structural insight into the reorientation of transmembrane domains 3 and 5 during family A G protein-coupled receptor activation. *Molecular Pharmacology*, **2011**, 79, 262-9	4.3	53
199	In Silico Veritas: The Pitfalls and Challenges of Predicting GPCR-Ligand Interactions. *Pharmaceuticals*, **2011**, 4, 1196-1215	5.2	16
198	High-resolution bioactivity profiling of mixtures toward the acetylcholine binding protein using a nanofractionation spotter technology. *Journal of Biomolecular Screening*, **2011**, 16, 917-24		16
197	Several down, a few to go: histamine H3 receptor ligands making the final push towards the market?. *Expert Opinion on Investigational Drugs*, **2011**, 20, 1629-48	5.9	46
196	Reliving genocide: the work of Kurdish genocide victims in the Court of Justice. *Critical Arts*, **2011**, 25, 296-303	0.2	0

195	Signaling Events Involved in Chemokine-Directed T Lymphocyte Migration. *Methods and Principles in Medicinal Chemistry*, **2011**, 51-65	0.4	
194	Chemokine Binding Proteins as Therapeutics. *Methods and Principles in Medicinal Chemistry*, **2011**, 359-374	0.4	
193	Targeting CCR3. *Methods and Principles in Medicinal Chemistry*, **2011**, 339-357	0.4	1
192	Targeting CCR1. *Methods and Principles in Medicinal Chemistry*, **2011**, 323-338	0.4	4
191	Therapeutic Targeting of the CXCR3 Receptor. *Methods and Principles in Medicinal Chemistry*, **2011**, 301-322	0.4	5
190	Low Molecular Weight CXCR2 Antagonists as Promising Therapeutics. *Methods and Principles in Medicinal Chemistry*, **2011**, 279-299	0.4	1
189	CXCR4 as a Therapeutic Target. *Methods and Principles in Medicinal Chemistry*, **2011**, 239-278	0.4	
188	CCR5 Antagonists in HIV. *Methods and Principles in Medicinal Chemistry*, **2011**, 207-238	0.4	
187	Constitutively Active Viral Chemokine Receptors: Tools for Immune Subversion and Pathogenesis. *Methods and Principles in Medicinal Chemistry*, **2011**, 177-205	0.4	
186	Chemokines and Their Receptors in Central Nervous System Disease. *Methods and Principles in Medicinal Chemistry*, **2011**, 151-166	0.4	
185	Chemokine Receptors in Inflammatory Diseases. *Methods and Principles in Medicinal Chemistry*, **2011**, 105-150	0.4	2
184	Targeting Chemokine Receptor Dimers: Are There Two (or More) to Tango?. *Methods and Principles in Medicinal Chemistry*, **2011**, 85-103	0.4	
183	The Atypical Chemokine Receptors. *Methods and Principles in Medicinal Chemistry*, **2011**, 67-83	0.4	
182	Structural Insights for Homology Modeling of Chemokine Receptors. *Methods and Principles in Medicinal Chemistry*, **2011**, 33-50	0.4	
181	Structural Aspects of Chemokines and Their Interactions with Receptors and Glycosaminoglycans. *Methods and Principles in Medicinal Chemistry*, **2011**, 1-32	0.4	
180	Chemokines and Cancer Metastasis. *Methods and Principles in Medicinal Chemistry*, **2011**, 167-175	0.4	
179	Molecular determinants of selective agonist and antagonist binding to the histamine H□ receptor. *Current Topics in Medicinal Chemistry*, **2011**, 11, 661-79	3	10
178	Opioids activate brain analgesic circuits through cytochrome P450/epoxygenase signaling. *Nature Neuroscience*, **2010**, 13, 284-6	25.5	49

177	An efficient and information-rich biochemical method design for fragment library screening on ion channels. *BioTechniques*, **2010**, 49, 822-9	2.5	16
176	Molecular determinants of ligand binding to H4R species variants. *Molecular Pharmacology*, **2010**, 77, 734-43	4.3	50
175	The Epstein-Barr virus-encoded G protein-coupled receptor BILF1 hetero-oligomerizes with human CXCR4, scavenges G□proteins, and constitutively impairs CXCR4 functioning. *Journal of Biological Chemistry*, **2010**, 285, 29632-41	5.4	70
174	Histamine H(3) receptors are involved in the protective effect of ghrelin against HCl-induced gastric damage in rats. *Pharmacology*, **2010**, 86, 259-66	2.3	11
173	Synthesis and QSAR of quinazoline sulfonamides as highly potent human histamine H4 receptor inverse agonists. *Journal of Medicinal Chemistry*, **2010**, 53, 2390-400	8.3	93
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