Michael Szardenings

List of Publications by Year
in descending order

26 papers	790 citations	567281 15 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	814 citing authors

#	Article	IF	Citations
1	The Active Site of Cellobiohydrolase Cel6A fromTrichoderma reesei:Â The Roles of Aspartic Acids D221 and D175. Journal of the American Chemical Society, 2002, 124, 10015-10024.	13.7	133
2	Phage Display Selection on Whole Cells Yields a Peptide Specific for Melanocortin Receptor 1. Journal of Biological Chemistry, 1997, 272, 27943-27948.	3.4	77
3	The active site of Trichoderma reesei cellobiohydrolase II: the role of tyrosine 169. Protein Engineering, Design and Selection, 1996, 9, 691-699.	2.1	75
4	Phage Display of Random Peptide Libraries: Applications, Limits, and Potential. Journal of Receptor and Signal Transduction Research, 2003, 23, 307-349.	2.5	62
5	Deletions of the Nâ€terminal regions of the human melanocortin receptors. FEBS Letters, 1997, 410, 223-228.	2.8	51
6	Binding of cyclic and linear MSH core peptides to the melanocortin receptor subtypes. European Journal of Pharmacology, 1997, 319, 369-373.	3.5	47
7	New highly specific agonistic peptides for human melanocortin MC1 receptorâ˜†. Peptides, 2000, 21, 239-243.	2.4	44
8	Chimeric Melanocortin MC1 and MC3 Receptors: Identification of Domains Participating in Binding of Melanocyte-Stimulating Hormone Peptides. Molecular Pharmacology, 1998, 54, 154-161.	2.3	31
9	Co-operative regulation of ligand binding to melanocortin receptor subtypes: Evidence for interacting binding sites. European Journal of Pharmacology, 2005, 512, 85-95.	3.5	31
10	Expression of Functional Melanocortin 1 Receptors in Insect Cells. Biochemical and Biophysical Research Communications, 1996, 221, 807-814.	2.1	27
11	The immunome of soy bean allergy: Comprehensive identification and characterization of epitopes. Clinical and Experimental Allergy, 2019, 49, 239-251.	2.9	27
12	Combination of two epitope identification techniques enables the rational design of soy allergen Gly m 4 mutants. Biotechnology Journal, 2017, 12, 1600441.	3.5	26
13	Characterisation of D117A and H260A mutations in the melanocortin 1 receptor. Molecular and Cellular Endocrinology, 1997, 126, 213-219.	3.2	23
14	Evidence Indicating That the TM4, EL2, and TM5 of the Melanocortin 3 Receptor Do Not Participate in Ligand Binding. Biochemical and Biophysical Research Communications, 1996, 229, 687-692.	2.1	18
15	Microlyse: a thrombolytic agent that targets VWF for clearance of microvascular thrombosis. Blood, 2022, 139, 597-607.	1.4	16
16	Recombinant human retinoic acid receptor alpha. Binding of DNA and synthetic retinoids to the protein expressed in Escherichia coli. FEBS Journal, 1992, 204, 1141-1148.	0.2	15
17	Alternative translation initiation codon for the human melanocortin MC3 receptor does not affect the ligand binding. European Journal of Pharmacology, 1996, 314, 381-384.	3.5	14
18	Direct confirmation of quiescence of CD34+CD38- leukemia stem cell populations using single cell culture, their molecular signature and clinicopathological implications. BMC Cancer, 2015, 15, 217.	2.6	14

#	Article	IF	Citations
19	A phasmid optimised for protein design projects: pMAMPF. Gene, 1990, 94, 1-7.	2.2	13
20	In vivo biological activity of retinoids partially correlates to their affinity to recombinant retinoic-acid receptor alpha and recombinant-cellular retinoic-acid-binding protein I. FEBS Journal, 1993, 212, 13-26.	0.2	12
21	Sympathetic nerve repulsion inhibited by designer molecules in vitro and role in experimental arthritis. Life Sciences, 2017, 168, 47-53.	4.3	12
22	Formation and composition of adsorbates on hydrophobic carbon surfaces from aqueous laccase-maltodextrin mixture suspension. Applied Surface Science, 2016, 385, 216-224.	6.1	9
23	Detection of regions in the MC1 receptor of importance for the selectivity of the MC1 receptor super-selective MS04/MS05 peptides. BBA - Proteins and Proteomics, 2001, 1544, 278-282.	2.1	6
24	Cosmix-plexingÂ®: a novel recombinatorial approach for evolutionary selection from combinatorial libraries. Reviews in Molecular Biotechnology, 2001, 74, 317-338.	2.8	4
25	Identification of Seasonal Variations of Antibodies against PR-10-Specific Epitopes Can Be Improved Using Peptide-Phage Display. International Archives of Allergy and Immunology, 2020, 181, 919-925.	2.1	3
26	Antibody response after hepatitis B vaccine boost mapped with peptide-phage display. Revista Bionatura, 2019, 02, .	0.4	0