Ferdinand MolnÃ¡r

List of Publications by Year
in descending order

42 papers	1,361 citations	331670 21 h-index	434195 31 g-index
49 all docs	49 docs citations	49 times ranked	1635 citing authors

#	Article	IF	Citations
1	Transmol: repurposing a language model for molecular generation. RSC Advances, 2021, 11, 25921-25932.	3.6	4
2	Cathepsin G and its Dichotomous Role in Modulating Levels of MHC Class I Molecules. Archivum Immunologiae Et Therapiae Experimentalis, 2020, 68, 25.	2.3	12
3	Nutrigenomics: How Science Works. , 2020, , .		5
4	Regulatory Impact of Non-coding RNA. , 2020, , 129-142.		0
5	Chromatin Remodeling and Organization. , 2020, , 115-128.		0
6	Chromatin Modifiers. , 2020, , 83-98.		0
7	Genome-Wide Principles of Gene Regulation. , 2020, , 71-82.		0
8	A Key Transcription Factor Family: Nuclear Receptors. , 2020, , 59-70.		0
9	Human Epigenetics: How Science Works. , 2019, , .		5
10	Vitamin D and Its Synthetic Analogs. Journal of Medicinal Chemistry, 2019, 62, 6854-6875.	6.4	74
11	The Basis for Strain-Dependent Rat Aldehyde Dehydrogenase 1A7 (<i>ALDH1A7</i>) Gene Expression. Molecular Pharmacology, 2019, 96, 655-663.	2.3	1
12	Human Epigenomics. , 2018, , .		17
13	Functional Characterization of a Novel Variant of the Constitutive Androstane Receptor (CAR, NR1I3). Nuclear Receptor Research, 2018, 5, .	2.5	1
14	Structural aspects of Vitamin D endocrinology. Molecular and Cellular Endocrinology, 2017, 453, 22-35.	3.2	29
15	Effects of cooling rate in microscale and pilot scale freeze-drying â€“ Variations in excipient polymorphs and protein secondary structure. European Journal of Pharmaceutical Sciences, 2016, 95, 72-81.	4.0	31
16	Vitamin D receptor 2016: novel ligands and structural insights. Expert Opinion on Therapeutic Patents, 2016, 26, 1291-1306.	5.0	56
17	Mechanisms of Gene Regulation. , 2016, , .		15
18	Characterization of ligand-dependent activation of bovine and pig constitutive androstane (CAR) and pregnane X receptors (PXR) with interspecies comparisons. Xenobiotica, 2016, 46, 200-210.	1.1	9

#	Article	IF	Citations
19	Switching Genes On and Off: The Example of Nuclear Receptors. , 2016, , 95-108.		0
20	Vitamin D receptor signaling and its therapeutic implications: Genome-wide and structural view. Canadian Journal of Physiology and Pharmacology, 2015, 93, 311-318.	1.4	43
21	Impact of Microscale and Pilot-Scale Freeze-Drying on Protein Secondary Structures: Sucrose Formulations of Lysozyme and Catalase. Journal of Pharmaceutical Sciences, 2015, 104, 3710-3721.	3.3	4
22	A Vitamin D Receptor Selectively Activated by Gemini Analogs Reveals Ligand Dependent and Independent Effects. Cell Reports, 2015, 10, 516-526.	6.4	45
23	Structural considerations of vitamin D signaling. Frontiers in Physiology, 2014, 5, 191.	2.8	47
24	AROS has a contextâ€dependent effect on SIRT1. FEBS Letters, 2014, 588, 1523-1528.	2.8	13
25	Structural attributes of model protein formulations prepared by rapid freeze-drying cycles in a microscale heating stage. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 347-356.	4.3	9
26	Switching Genes on and off: The Example of Nuclear Receptors. , 2014, , 91-104.		0
27	An update on the constitutive androstane receptor (CAR). Drug Metabolism and Drug Interactions, 2013, 28, 79-93.	0.3	40
28	Current Status of Vitamin D Signaling and Its Therapeutic Applications. Current Topics in Medicinal Chemistry, 2012, 12, 528-547.	2.1	92
29	Vitamin D receptor ligands: the impact of crystal structures. Expert Opinion on Therapeutic Patents, 2012, 22, 417-435.	5.0	50
30	Design, Synthesis, Evaluation, and Structure of Vitaminâ€...D Analogues with Furan Side Chains. Chemistry - A European Journal, 2012, 18, 603-612.	3.3	14
31	New <i>in Vitro</i> Tools to Study Human Constitutive Androstane Receptor (CAR) Biology: Discovery and Comparison of Human CAR Inverse Agonists. Molecular Pharmaceutics, 2011, 8, 2424-2433.	4.6	37
32	1Î±,25(OH)2-3-Epi-Vitamin D3, a Natural Physiological Metabolite of Vitamin D3: Its Synthesis, Biological Activity and Crystal Structure with Its Receptor. PLoS ONE, 2011, 6, e18124.	2.5	75
33	Use of comprehensive screening methods to detect selective human CAR activators. Biochemical Pharmacology, 2011, 82, 1994-2007.	4.4	38
34	Molecular mechanism of allosteric communication in the human PPARÎ±â€RXRÎ± heterodimer. Proteins: Structure, Function and Bioinformatics, 2010, 78, 873-887.	2.6	19
35	25-Hydroxyvitamin D3 is an agonistic vitamin D receptor ligand. Journal of Steroid Biochemistry and Molecular Biology, 2010, 118, 162-170.	2.5	130
36	Detailed Molecular Understanding of Agonistic and Antagonistic Vitamin D Receptor Ligands. Current Topics in Medicinal Chemistry, 2006, 6, 1243-1253.	2.1	38

#	Article	IF	Citations
37	Vitamin D Receptor Agonists Specifically Modulate the Volume of the Ligand-binding Pocket. Journal of Biological Chemistry, 2006, 281, 10516-10526.	3.4	52
38	Structural Determinants of the Agonist-independent Association of Human Peroxisome Proliferator-activated Receptors with Coactivators. Journal of Biological Chemistry, 2005, 280, 26543-26556.	3.4	62
39	Antagonist- and Inverse Agonist-Driven Interactions of the Vitamin D Receptor and the Constitutive Androstane Receptor with Corepressor Protein. Molecular Endocrinology, 2005, 19, 2258-2272.	3.7	43
40	The Human Peroxisome Proliferator-activated Receptor Î´ Gene is a Primary Target of 1Î±,25-Dihydroxyvitamin D3 and its Nuclear Receptor. Journal of Molecular Biology, 2005, 349, 248-260.	4.2	180
41	Agonist-dependent and Agonist-independent Transactivations of the Human Constitutive Androstane Receptor Are Modulated by Specific Amino Acid Pairs. Journal of Biological Chemistry, 2004, 279, 33558-33566.	3.4	22
42	A Structural Basis for the Species-Specific Antagonism of 26,23-Lactones on Vitamin D Signaling. Chemistry and Biology, 2004, 11, 1147-1156.	6.0	32