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	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
2	25-Hydroxyvitamin D3 is an agonistic vitamin D receptor ligand. Journal of Steroid Biochemistry and Molecular Biology, 2010, 118, 162-170.	2.5	130
3	Current Status of Vitamin D Signaling and Its Therapeutic Applications. Current Topics in Medicinal Chemistry, 2012, 12, 528-547.	2.1	92
4	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
5	Vitamin D and Its Synthetic Analogs. Journal of Medicinal Chemistry, 2019, 62, 6854-6875.	6.4	74
6	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
7	Vitamin D receptor 2016: novel ligands and structural insights. Expert Opinion on Therapeutic Patents, 2016, 26, 1291-1306.	5.0	56
8	Vitamin D Receptor Agonists Specifically Modulate the Volume of the Ligand-binding Pocket. Journal of Biological Chemistry, 2006, 281, 10516-10526.	3.4	52
9	Vitamin D receptor ligands: the impact of crystal structures. Expert Opinion on Therapeutic Patents, 2012, 22, 417-435.	5.0	50
10	Structural considerations of vitamin D signaling. Frontiers in Physiology, 2014, 5, 191.	2.8	47
11	A Vitamin D Receptor Selectively Activated by Gemini Analogs Reveals Ligand Dependent and Independent Effects. Cell Reports, 2015, 10, 516-526.	6.4	45
12	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
13	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
14	An update on the constitutive androstane receptor (CAR). Drug Metabolism and Drug Interactions, 2013, 28, 79-93.	0.3	40
15	Detailed Molecular Understanding of Agonistic and Antagonistic Vitamin D Receptor Ligands. Current Topics in Medicinal Chemistry, 2006, 6, 1243-1253.	2.1	38
16	Use of comprehensive screening methods to detect selective human CAR activators. Biochemical Pharmacology, 2011, 82, 1994-2007.	4.4	38
17	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
18	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

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19	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
20	Structural aspects of Vitamin D endocrinology. Molecular and Cellular Endocrinology, 2017, 453, 22-35.	3.2	29
21	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
22	Molecular mechanism of allosteric communication in the human PPARÎ±â€RXRÎ± heterodimer. Proteins: Structure, Function and Bioinformatics, 2010, 78, 873-887.	2.6	19
23	Human Epigenomics. , 2018, , .		17
24	Mechanisms of Gene Regulation. , 2016, , .		15
25	Design, Synthesis, Evaluation, and Structure of Vitaminâ€...D Analogues with Furan Side Chains. Chemistry - A European Journal, 2012, 18, 603-612.	3.3	14
26	AROS has a contextâ€dependent effect on SIRT1. FEBS Letters, 2014, 588, 1523-1528.	2.8	13
27	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
28	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
29	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
30	Human Epigenetics: How Science Works. , 2019, , .		5
31	Nutrigenomics: How Science Works. , 2020, , .		5
32	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
33	Transmol: repurposing a language model for molecular generation. RSC Advances, 2021, 11, 25921-25932.	3.6	4
34	The Basis for Strain-Dependent Rat Aldehyde Dehydrogenase 1A7 (<i>ALDH1A7</i>) Gene Expression. Molecular Pharmacology, 2019, 96, 655-663.	2.3	1
35	Functional Characterization of a Novel Variant of the Constitutive Androstane Receptor (CAR, NR1I3). Nuclear Receptor Research, 2018, 5, .	2.5	1
36	Switching Genes on and off: The Example of Nuclear Receptors. , 2014, , 91-104.		0

#	Article	IF	Citations
37	Switching Genes On and Off: The Example of Nuclear Receptors. , 2016, , 95-108.		0
38	Regulatory Impact of Non-coding RNA. , 2020, , 129-142.		0
39	Chromatin Remodeling and Organization. , 2020, , 115-128.		0
40	Chromatin Modifiers. , 2020, , 83-98.		0
41	Genome-Wide Principles of Gene Regulation. , 2020, , 71-82.		0
42	A Key Transcription Factor Family: Nuclear Receptors. , 2020, , 59-70.		0