

Robert Fletterick

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,438
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1442
citing authors

#	ARTICLE	IF	CITATIONS
1	NR5A2 discovering compounds that block tumor growth in PDAC. Journal of Surgical Oncology, 2017, 116, 89-93.	1.7	13
2	Silencing LRH-1 in colon cancer cell lines impairs proliferation and alters gene expression programs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2467-2472.	7.1	61
3	Structure-based discovery of NANOG variant with enhanced properties to promote self-renewal and reprogramming of pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4666-4671.	7.1	43
4	The Signaling Phospholipid PIP 3 Functions As a Ligand Hormone For Nuclear Receptors. FASEB Journal, 2015, 29, 493.3.	0.5	0
5	Incidental Identification of a Thyroid Hormone Receptor Beta (<i>THRβ</i>) Gene Variant in a Family with Autoimmune Thyroid Disease. Thyroid, 2013, 23, 1638-1643.	4.5	10
6	Plant Kinesin-Like Calmodulin Binding Protein Employs Its Regulatory Domain for Dimerization. PLoS ONE, 2013, 8, e66669.	2.5	4
7	Hormone Binding and Co-regulator Binding to the Glucocorticoid Receptor are Allosterically Coupled. Journal of Biological Chemistry, 2010, 285, 15256-15267.	3.4	29
8	Rearrangements in Thyroid Hormone Receptor Charge Clusters That Stabilize Bound 3,5,3',5'-Tetraiodo-L-thyronine and Inhibit Homodimer Formation. Journal of Biological Chemistry, 2005, 280, 25665-25673.	3.4	24
9	Structure of a kinesin microtubule depolymerization machine. EMBO Journal, 2004, 23, 1422-1432.	7.8	94
10	The N-terminal Domain of the Reticulocyte-type 15-Lipoxygenase Is Not Essential for Enzymatic Activity but Contains Determinants for Membrane Binding. Journal of Biological Chemistry, 2002, 277, 27360-27366.	3.4	68
11	Two conformations in the human kinesin power stroke defined by X-ray crystallography and EPR spectroscopy. Nature Structural Biology, 2002, 9, 844-8.	9.7	75
12	Three-dimensional structural analysis of fibronectin heparin-binding domain mutations. Journal of Cellular Biochemistry, 2001, 81, 156-161.	2.6	3
13	Crystal Structure of the Mitotic Spindle Kinesin Eg5 Reveals a Novel Conformation of the Neck-linker. Journal of Biological Chemistry, 2001, 276, 25496-25502.	3.4	193
14	The structure of the pro-apoptotic protease granzyme B reveals the molecular determinants of its specificity. Nature Structural Biology, 2000, 7, 762-765.	9.7	93
15	Shape and Specificity in Mammalian 15-Lipoxygenase Active Site. Journal of Biological Chemistry, 1999, 274, 37345-37350.	3.4	123
16	Burying a charge. Nature Structural Biology, 1998, 5, 179-179.	9.7	31
17	The structure of mammalian 15-lipoxygenase reveals similarity to the lipases and the determinants of substrate specificity. Nature Structural Biology, 1997, 4, 1003-1009.	9.7	387
18	Rare McArdle disease locus polymorphic site on 11q13 contains CpG sequence. Human Genetics, 1990, 86, 17-24.	3.8	25

#	ARTICLE	IF	CITATIONS
19	Applying Computers to Sequence Analysis. <i>Nature Biotechnology</i> , 1987, 5, 1161-1162.	17.5	0
20	Redesigning trypsin via genetic engineering. <i>Journal of Cellular Biochemistry</i> , 1987, 33, 199-211.	2.6	13
21	Intron-exon splice junctions map at protein surfaces. <i>Nature</i> , 1982, 299, 180-182.	27.8	149