

Robert Fletterick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9509938/publications.pdf>

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	The structure of mammalian 15-lipoxygenase reveals similarity to the lipases and the determinants of substrate specificity. <i>Nature Structural Biology</i> , 1997, 4, 1003-1009.	9.7	387
2	Crystal Structure of the Mitotic Spindle Kinesin Eg5 Reveals a Novel Conformation of the Neck-linker. <i>Journal of Biological Chemistry</i> , 2001, 276, 25496-25502.	3.4	193
3	Intron-exon splice junctions map at protein surfaces. <i>Nature</i> , 1982, 299, 180-182.	27.8	149
4	Shape and Specificity in Mammalian 15-Lipoxygenase Active Site. <i>Journal of Biological Chemistry</i> , 1999, 274, 37345-37350.	3.4	123
5	Structure of a kinesin microtubule depolymerization machine. <i>EMBO Journal</i> , 2004, 23, 1422-1432.	7.8	94
6	The structure of the pro-apoptotic protease granzyme B reveals the molecular determinants of its specificity. <i>Nature Structural Biology</i> , 2000, 7, 762-765.	9.7	93
7	Two conformations in the human kinesin power stroke defined by X-ray crystallography and EPR spectroscopy. <i>Nature Structural Biology</i> , 2002, 9, 844-8.	9.7	75
8	The N-terminal Domain of the Reticulocyte-type 15-Lipoxygenase Is Not Essential for Enzymatic Activity but Contains Determinants for Membrane Binding. <i>Journal of Biological Chemistry</i> , 2002, 277, 27360-27366.	3.4	68
9	Silencing LRH-1 in colon cancer cell lines impairs proliferation and alters gene expression programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2467-2472.	7.1	61
10	Structure-based discovery of NANOG variant with enhanced properties to promote self-renewal and reprogramming of pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4666-4671.	7.1	43
11	Burying a charge. <i>Nature Structural Biology</i> , 1998, 5, 179-179.	9.7	31
12	Hormone Binding and Co-regulator Binding to the Glucocorticoid Receptor are Allosterically Coupled. <i>Journal of Biological Chemistry</i> , 2010, 285, 15256-15267.	3.4	29
13	Rare McArdle disease locus polymorphic site on 11q13 contains CpG sequence. <i>Human Genetics</i> , 1990, 86, 17-24.	3.8	25
14	Rearrangements in Thyroid Hormone Receptor Charge Clusters That Stabilize Bound 3,5,3',5'-Tetraiodo-L-thyronine and Inhibit Homodimer Formation. <i>Journal of Biological Chemistry</i> , 2005, 280, 25665-25673.	3.4	24
15	Redesigning trypsin via genetic engineering. <i>Journal of Cellular Biochemistry</i> , 1987, 33, 199-211.	2.6	13
16	NR5A2 discovering compounds that block tumor growth in PDAC. <i>Journal of Surgical Oncology</i> , 2017, 116, 89-93.	1.7	13
17	Incidental Identification of a Thyroid Hormone Receptor Beta (<i>THRB</i>) Gene Variant in a Family with Autoimmune Thyroid Disease. <i>Thyroid</i> , 2013, 23, 1638-1643.	4.5	10
18	Plant Kinesin-Like Calmodulin Binding Protein Employs Its Regulatory Domain for Dimerization. <i>PLoS ONE</i> , 2013, 8, e66669.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Three-dimensional structural analysis of fibronectin heparin-binding domain mutations. Journal of Cellular Biochemistry, 2001, 81, 156-161.	2.6	3
20	Applying Computers to Sequence Analysis. Nature Biotechnology, 1987, 5, 1161-1162.	17.5	0
21	The Signaling Phospholipid PIP 3 Functions As a Ligand Hormone For Nuclear Receptors. FASEB Journal, 2015, 29, 493.3.	0.5	0