

Emmanuel Skordalakes

List of Publications by Year in descending order

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53
papers

3,191
citations

186265

28
h-index

168389

53
g-index

54
all docs

54
docs citations

54
times ranked

4460
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust and scalable microfluidic metering method that allows protein crystal growth by free interface diffusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16531-16536.	7.1	483
2	Structure of the <i>Tribolium castaneum</i> telomerase catalytic subunit TERT. <i>Nature</i> , 2008, 455, 633-637.	27.8	248
3	Structure of the Rho Transcription Terminator. <i>Cell</i> , 2003, 114, 135-146.	28.9	234
4	Structural basis for telomerase catalytic subunit TERT binding to RNA template and telomeric DNA. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 513-518.	8.2	182
5	Structure and Function of the Conserved Core of Histone Deposition Protein Asf1. <i>Current Biology</i> , 2003, 13, 2148-2158.	3.9	137
6	Binding of the sphingolipid S1P to hTERT stabilizes telomerase at the nuclear periphery by allosterically mimicking protein phosphorylation. <i>Science Signaling</i> , 2015, 8, ra58.	3.6	114
7	ADAR1 controls apoptosis of stressed cells by inhibiting Staufen1-mediated mRNA decay. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 534-543.	8.2	112
8	Structural Insights into RNA-Dependent Ring Closure and ATPase Activation by the Rho Termination Factor. <i>Cell</i> , 2006, 127, 553-564.	28.9	111
9	Disease mutations in Rab7 result in unregulated nucleotide exchange and inappropriate activation. <i>Human Molecular Genetics</i> , 2010, 19, 1033-1047.	2.9	99
10	Function and Structure of a Prokaryotic Formylglycine-generating Enzyme. <i>Journal of Biological Chemistry</i> , 2008, 283, 20117-20125.	3.4	97
11	Structure and function of the telomeric CST complex. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 161-167.	4.1	91
12	Structure of the RNA-Binding Domain of Telomerase: Implications for RNA Recognition and Binding. <i>Structure</i> , 2007, 15, 1403-1412.	3.3	84
13	Structural and functional analysis of the human POT1-TPP1 telomeric complex. <i>Nature Communications</i> , 2017, 8, 14928.	12.8	84
14	Structural Basis of Telomerase Inhibition by the Highly Specific BIBR1532. <i>Structure</i> , 2015, 23, 1934-1942.	3.3	83
15	Structure of the Human Telomeric Stn1-Ten1 Capping Complex. <i>PLoS ONE</i> , 2013, 8, e66756.	2.5	71
16	Telomerase structure function. <i>Current Opinion in Structural Biology</i> , 2011, 21, 92-100.	5.7	65
17	Structural Mechanism of Inhibition of the Rho Transcription Termination Factor by the Antibiotic Bicyclomycin. <i>Structure</i> , 2005, 13, 99-109.	3.3	61
18	Asf1-like structure of the conserved Yaf9 YEATS domain and role in H2A.Z deposition and acetylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21573-21578.	7.1	56

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19	SPOP E3 Ubiquitin Ligase Adaptor Promotes Cellular Senescence by Degrading the SENP7 deSUMOylase. <i>Cell Reports</i> , 2015, 13, 1183-1193.	6.4	55
20	Characterization of a Class of Peptide Boronates with Neutral P1 Side Chains as Highly Selective Inhibitors of Thrombin. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 1511-1522.	6.4	45
21	Targeting ACSS2 with a Transition-State Mimetic Inhibits Triple-Negative Breast Cancer Growth. <i>Cancer Research</i> , 2021, 81, 1252-1264.	0.9	44
22	Inhibition of human α_2 -thrombin by a phosphonate tripeptide proceeds via a metastable pentacoordinated phosphorus intermediate 1 Edited by R. Huber. <i>Journal of Molecular Biology</i> , 2001, 311, 549-555.	4.2	41
23	Interaction between TBP and Condensin Drives the Organization and Faithful Segregation of Mitotic Chromosomes. <i>Molecular Cell</i> , 2015, 59, 755-767.	9.7	41
24	Comparison of Proteolytic Susceptibility in Phosphoglycerate Kinases from Yeast and <i>E. coli</i> : Modulation of Conformational Ensembles Without Altering Structure or Stability. <i>Journal of Molecular Biology</i> , 2007, 368, 1438-1447.	4.2	36
25	A Motif in the Vertebrate Telomerase N-Terminal Linker of TERT Contributes to RNA Binding and Telomerase Activity and Processivity. <i>Structure</i> , 2013, 21, 1870-1878.	3.3	34
26	MFF Regulation of Mitochondrial Cell Death Is a Therapeutic Target in Cancer. <i>Cancer Research</i> , 2019, 79, 6215-6226.	0.9	34
27	POT1-TPP1 telomere length regulation and disease. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1939-1946.	4.1	34
28	Cdc13 N-Terminal Dimerization, DNA Binding, and Telomere Length Regulation. <i>Molecular and Cellular Biology</i> , 2010, 30, 5325-5334.	2.3	33
29	Cdc13 OB2 Dimerization Required for Productive Stn1 Binding and Efficient Telomere Maintenance. <i>Structure</i> , 2013, 21, 109-120.	3.3	29
30	LIMD2 Is a Small LIM-Only Protein Overexpressed in Metastatic Lesions That Regulates Cell Motility and Tumor Progression by Directly Binding to and Activating the Integrin-Linked Kinase. <i>Cancer Research</i> , 2014, 74, 1390-1403.	0.9	28
31	Structural Analysis Reveals the Deleterious Effects of Telomerase Mutations in Bone Marrow Failure Syndromes. <i>Journal of Biological Chemistry</i> , 2017, 292, 4593-4601.	3.4	27
32	Neural and Synaptic Defects in slytherin, a Zebrafish Model for Human Congenital Disorders of Glycosylation. <i>PLoS ONE</i> , 2010, 5, e13743.	2.5	26
33	Rhodium(I)-catalysed hydroboration of 1-halo-1-alkenes. <i>Tetrahedron Letters</i> , 1994, 35, 2435-2436.	1.4	25
34	Structural and functional analysis of an OB-fold in human Ctc1 implicated in telomere maintenance and bone marrow syndromes. <i>Nucleic Acids Research</i> , 2018, 46, 972-984.	14.5	22
35	Recent advances with cyclin-dependent kinase inhibitors: therapeutic agents for breast cancer and their role in immuno-oncology. <i>Expert Review of Anticancer Therapy</i> , 2019, 19, 569-587.	2.4	21
36	Design of a novel class of bifunctional thrombin inhibitors, synthesised by the first application of peptide boronates in solid phase chemistry. <i>Tetrahedron Letters</i> , 1997, 38, 3305-3308.	1.4	20

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37	Bifunctional Peptide Boronate Inhibitors of Thrombin: Crystallographic Analysis of Inhibition Enhanced by Linkage to an Exosite 1 Binding Peptide. <i>Biochemistry</i> , 1998, 37, 14420-14427.	2.5	18
38	Disruption of ATRX-RNA interactions uncovers roles in ATRX localization and PRC2 function. <i>Nature Communications</i> , 2020, 11, 2219.	12.8	18
39	Telomere dysfunction implicates POT1 in patients with idiopathic pulmonary fibrosis. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	17
40	Crystallographic Structures of Human $\hat{\pm}$ -Thrombin Complexed to Peptide Boronic Acids Lacking a Positive Charge at P1. Evidence of Novel Interactions. <i>Journal of the American Chemical Society</i> , 1997, 119, 9935-9936.	13.7	15
41	Single Cell Analysis of RNA-mediated Histone H3.3 Recruitment to a Cytomegalovirus Promoter-regulated Transcription Site. <i>Journal of Biological Chemistry</i> , 2013, 288, 19882-19899.	3.4	15
42	A non-natural nucleotide uses a specific pocket to selectively inhibit telomerase activity. <i>PLoS Biology</i> , 2019, 17, e3000204.	5.6	15
43	The facile synthesis of O,O-Dialkyl $\hat{\pm}$ -halobenzylphosphonates from O,O-Dialkyl $\hat{\pm}$ -hydroxybenzylphosphonates. <i>Tetrahedron</i> , 1996, 52, 10215-10224.	1.9	14
44	Pol $\hat{\pm}$ -primase dependent nuclear localization of the mammalian CST complex. <i>Communications Biology</i> , 2021, 4, 349.	4.4	14
45	The Telomere Binding Protein Cdc13 and the Single-Stranded DNA Binding Protein RPA Protect Telomeric DNA from Resection by Exonucleases. <i>Journal of Molecular Biology</i> , 2015, 427, 3023-3030.	4.2	13
46	Endogenous Cyclin D1 Promotes the Rate of Onset and Magnitude of Mitogenic Signaling via Akt1 Ser473 Phosphorylation. <i>Cell Reports</i> , 2020, 32, 108151.	6.4	9
47	Insights into Cdc13 dependent telomere length regulation. <i>Aging</i> , 2010, 2, 731-734.	3.1	9
48	POT1-TPP1 binding stabilizes POT1, promoting efficient telomere maintenance. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 675-684.	4.1	9
49	Telomerase and the benefits of healthy living. <i>Lancet Oncology</i> , The, 2008, 9, 1023-1024.	10.7	4
50	Telomerase structure paves the way for new cancer therapies. <i>Future Oncology</i> , 2009, 5, 163-167.	2.4	4
51	<i>In vitro</i> Reconstitution of the Active <i>T. castaneum</i> Telomerase. <i>Journal of Visualized Experiments</i> , 2011, , e2799.	0.3	3
52	Crystallographic Studies of Telomerase. <i>Methods in Enzymology</i> , 2016, 573, 403-419.	1.0	3
53	X-Ray Crystallographic Analyses of Human $\hat{\pm}$ -Thrombin Complexed to Peptidyl Aminophosphonates: Evidence of a Binding Mechanism. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 144, 545-548.	1.6	2