

Mark A Lemmon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4013850/publications.pdf>

Version: 2024-02-01

158
papers

27,259
citations

7069

78
h-index

8138

148
g-index

163
all docs

163
docs citations

163
times ranked

27430
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Signaling by Receptor Tyrosine Kinases. <i>Cell</i> , 2010, 141, 1117-1134.	13.5	4,613
2	Membrane recognition by phospholipid-binding domains. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 99-111.	16.1	1,298
3	An Open-and-Shut Case? Recent Insights into the Activation of EGF/ErbB Receptors. <i>Molecular Cell</i> , 2003, 12, 541-552.	4.5	774
4	EGF Activates Its Receptor by Removing Interactions that Autoinhibit Ectodomain Dimerization. <i>Molecular Cell</i> , 2003, 11, 507-517.	4.5	675
5	Heparin-induced oligomerization of FGF molecules is responsible for FGF receptor dimerization, activation, and cell proliferation. <i>Cell</i> , 1994, 79, 1015-1024.	13.5	667
6	Signal-dependent membrane targeting by pleckstrin homology (PH) domains. <i>Biochemical Journal</i> , 2000, 350, 1-18.	1.7	656
7	Structure of the high affinity complex of inositol trisphosphate with a phospholipase C pleckstrin homology domain. <i>Cell</i> , 1995, 83, 1037-1046.	13.5	613
8	Specific and high-affinity binding of inositol phosphates to an isolated pleckstrin homology domain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 10472-10476.	3.3	544
9	Sequence specificity in the dimerization of transmembrane .alpha.-helices. <i>Biochemistry</i> , 1992, 31, 12719-12725.	1.2	520
10	Activation of phospholipase Cgamma by PI 3-kinase-induced PH domain-mediated membrane targeting. <i>EMBO Journal</i> , 1998, 17, 414-422.	3.5	507
11	Phosphoinositide Recognition Domains. <i>Traffic</i> , 2003, 4, 201-213.	1.3	500
12	Regulation of growth factor activation by proteoglycans: What is the role of the low affinity receptors?. <i>Cell</i> , 1995, 83, 357-360.	13.5	484
13	PH Domains: Diverse Sequences with a Common Fold Recruit Signaling Molecules to the Cell Surface. <i>Cell</i> , 1996, 85, 621-624.	13.5	473
14	Regulation of signal transduction and signal diversity by receptor oligomerization. <i>Trends in Biochemical Sciences</i> , 1994, 19, 459-463.	3.7	438
15	Specificity and Promiscuity in Phosphoinositide Binding by Pleckstrin Homology Domains. <i>Journal of Biological Chemistry</i> , 1998, 273, 30497-30508.	1.6	398
16	ErbB3/HER3 intracellular domain is competent to bind ATP and catalyze autophosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7692-7697.	3.3	395
17	The EGFR Family: Not So Prototypical Receptor Tyrosine Kinases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a020768-a020768.	2.3	345
18	Structural Basis for Discrimination of 3-Phosphoinositides by Pleckstrin Homology Domains. <i>Molecular Cell</i> , 2000, 6, 373-384.	4.5	333

#	ARTICLE	IF	CITATIONS
19	Identification and analysis of PH domain-containing targets of phosphatidylinositol 3-kinase using a novel in vivo assay in yeast. <i>EMBO Journal</i> , 1998, 17, 5374-5387.	3.5	325
20	Genome-Wide Analysis of Membrane Targeting by <i>S. cerevisiae</i> Pleckstrin Homology Domains. <i>Molecular Cell</i> , 2004, 13, 677-688.	4.5	315
21	Two EGF molecules contribute additively to stabilization of the EGFR dimer. <i>EMBO Journal</i> , 1997, 16, 281-294.	3.5	314
22	Svp1p defines a family of phosphatidylinositol 3,5-bisphosphate effectors. <i>EMBO Journal</i> , 2004, 23, 1922-1933.	3.5	302
23	ALK Mutations Confer Differential Oncogenic Activation and Sensitivity to ALK Inhibition Therapy in Neuroblastoma. <i>Cancer Cell</i> , 2014, 26, 682-694.	7.7	302
24	A dimerization motif for transmembrane α helices. <i>Nature Structural Biology</i> , 1994, 1, 157-163.	9.7	294
25	Crystal structure at 2.2 Å resolution of the pleckstrin homology domain from human dynamin. <i>Cell</i> , 1994, 79, 199-209.	13.5	285
26	EGFR Ligands Differentially Stabilize Receptor Dimers to Specify Signaling Kinetics. <i>Cell</i> , 2017, 171, 683-695.e18.	13.5	276
27	Measurement of the binding of tyrosyl phosphopeptides to SH2 domains: a reappraisal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 3199-3203.	3.3	273
28	The Single Transmembrane Domains of ErbB Receptors Self-associate in Cell Membranes. <i>Journal of Biological Chemistry</i> , 2002, 277, 4704-4712.	1.6	269
29	The Juxtamembrane Region of the EGF Receptor Functions as an Activation Domain. <i>Molecular Cell</i> , 2009, 34, 641-651.	4.5	262
30	Identification of the Binding Site for Acidic Phospholipids on the PH Domain of Dynamin: Implications for Stimulation of GTPase Activity. <i>Journal of Molecular Biology</i> , 1996, 255, 14-21.	2.0	251
31	Phosphatidylinositol-4,5-bisphosphate is required for endocytic coated vesicle formation. <i>Current Biology</i> , 1998, 8, 1399-1404.	1.8	247
32	Epidermal Growth Factor Receptor Dimerization and Activation Require Ligand-Induced Conformational Changes in the Dimer Interface. <i>Molecular and Cellular Biology</i> , 2005, 25, 7734-7742.	1.1	247
33	Signal-dependent membrane targeting by pleckstrin homology (PH) domains. <i>Biochemical Journal</i> , 2000, 350, 1.	1.7	230
34	Pleckstrin homology domains and the cytoskeleton. <i>FEBS Letters</i> , 2002, 513, 71-76.	1.3	229
35	SH2 and PTB Domains in Tyrosine Kinase Signaling. <i>Science Signaling</i> , 2003, 2003, re12-re12.	1.6	228
36	Erlotinib binds both inactive and active conformations of the EGFR tyrosine kinase domain. <i>Biochemical Journal</i> , 2012, 448, 417-423.	1.7	228

#	ARTICLE	IF	CITATIONS
37	Functional selectivity of EGF family peptide growth factors: Implications for cancer. , 2009, 122, 1-8.		225
38	Phosphatidylinositol 3,5-bisphosphate: metabolism and cellular functions. Trends in Biochemical Sciences, 2006, 31, 52-63.	3.7	203
39	Pleckstrin homology (PH) domains and phosphoinositides. Biochemical Society Symposia, 2007, 74, 81-93.	2.7	202
40	Differential Inhibitor Sensitivity of Anaplastic Lymphoma Kinase Variants Found in Neuroblastoma. Science Translational Medicine, 2011, 3, 108ra114.	5.8	199
41	Identification of the Rac-GEF P-Rex1 as an Essential Mediator of ErbB Signaling in Breast Cancer. Molecular Cell, 2010, 40, 877-892.	4.5	194
42	Pleckstrin homology (PH) domains and phosphoinositides. Biochemical Society Symposia, 2007, 74, 81.	2.7	191
43	All Phox Homology (PX) Domains from Saccharomyces cerevisiae Specifically Recognize Phosphatidylinositol 3-Phosphate. Journal of Biological Chemistry, 2001, 276, 44179-44184.	1.6	187
44	Ligand-induced ErbB receptor dimerization. Experimental Cell Research, 2009, 315, 638-648.	1.2	185
45	Specificity and promiscuity in membrane helix interactions. Quarterly Reviews of Biophysics, 1994, 27, 157-218.	2.4	182
46	The Pleckstrin Homology Domains of Dynamin Isoforms Require Oligomerization for High Affinity Phosphoinositide Binding. Journal of Biological Chemistry, 1998, 273, 27725-27733.	1.6	182
47	The glycophorin A transmembrane domain dimer: Sequence-specific propensity for a right-handed supercoil of helices. Biochemistry, 1992, 31, 12726-12732.	1.2	177
48	Structural Basis for Negative Cooperativity in Growth Factor Binding to an EGF Receptor. Cell, 2010, 142, 568-579.	13.5	162
49	Structures of Î²-klotho reveal a "zip code"™-like mechanism for endocrine FGF signalling. Nature, 2018, 553, 501-505.	13.7	160
50	Mechanism of Activation and Inhibition of the HER4/ErbB4 Kinase. Structure, 2008, 16, 460-467.	1.6	159
51	Conditional Peripheral Membrane Proteins: Facing up to Limited Specificity. Structure, 2012, 20, 15-27.	1.6	151
52	Kinase Associated-1 Domains Drive MARK/PAR1 Kinases to Membrane Targets by Binding Acidic Phospholipids. Cell, 2010, 143, 966-977.	13.5	150
53	The ALK/ROS1 Inhibitor PF-06463922 Overcomes Primary Resistance to Crizotinib in ALK-Driven Neuroblastoma. Cancer Discovery, 2016, 6, 96-107.	7.7	144
54	Argos inhibits epidermal growth factor receptor signalling by ligand sequestration. Nature, 2004, 430, 1040-1044.	13.7	127

#	ARTICLE	IF	CITATIONS
55	Extracellular domains drive homo- but not hetero-dimerization of erbB receptors. EMBO Journal, 2000, 19, 4632-4643.	3.5	126
56	ErbB3/HER3 does not homodimerize upon neuregulin binding at the cell surface. FEBS Letters, 2004, 569, 332-336.	1.3	126
57	Normalization of nomenclature for peptide motifs as ligands of modular protein domains. FEBS Letters, 2002, 513, 141-144.	1.3	118
58	Dynamin GTPase regulation is altered by PH domain mutations found in centronuclear myopathy patients. EMBO Journal, 2010, 29, 3054-3067.	3.5	116
59	Mechanism for activation of mutated epidermal growth factor receptors in lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3595-604.	3.3	116
60	Dominant-negative inhibition of receptor-mediated endocytosis by a dynamin-1 mutant with a defective pleckstrin homology domain. Current Biology, 1999, 9, 261-265.	1.8	114
61	Determining selectivity of phosphoinositide-binding domains. Methods, 2006, 39, 122-133.	1.9	114
62	Inhibition of nuclear import and cell-cycle progression by mutated forms of the dynamin-like GTPase MxB. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8957-8962.	3.3	111
63	A structure-based model for ligand binding and dimerization of EGF receptors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 929-934.	3.3	111
64	Palmitoylation of the EGFR Ligand Spitz by Rasp Increases Spitz Activity by Restricting Its Diffusion. Developmental Cell, 2006, 10, 167-176.	3.1	105
65	Live cell imaging with protein domains capable of recognizing phosphatidylinositol 4,5-bisphosphate; a comparative study. BMC Cell Biology, 2009, 10, 67.	3.0	105
66	N-terminal Domains Elicit Formation of Functional Pmel17 Amyloid Fibrils. Journal of Biological Chemistry, 2009, 284, 35543-35555.	1.6	101
67	Kit Receptor Dimerization Is Driven by Bivalent Binding of Stem Cell Factor. Journal of Biological Chemistry, 1997, 272, 6311-6317.	1.6	98
68	The Dark Side of Cell Signaling: Positive Roles for Negative Regulators. Cell, 2016, 164, 1172-1184.	13.5	97
69	Molecular determinants in pleckstrin homology domains that allow specific recognition of phosphoinositides. Biochemical Society Transactions, 2001, 29, 377-384.	1.6	96
70	The tethered configuration of the EGF receptor extracellular domain exerts only a limited control of receptor function. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 923-928.	3.3	96
71	Solution structure of pleckstrin homology domain of dynamin by heteronuclear NMR spectroscopy.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 816-820.	3.3	94
72	TlPE3 Is the Transfer Protein of Lipid Second Messengers that Promote Cancer. Cancer Cell, 2014, 26, 465-478.	7.7	93

#	ARTICLE	IF	CITATIONS
73	On the nature of low- and high-affinity EGF receptors on living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5735-5740.	3.3	91
74	Ligand-Induced Structural Transitions in ErbB Receptor Extracellular Domains. <i>Structure</i> , 2007, 15, 942-954.	1.6	88
75	Nuclear Signaling by Receptor Tyrosine Kinases: The First Robin of Spring. <i>Cell</i> , 2006, 127, 45-48.	13.5	87
76	Role of Inn1 and its interactions with Hof1 and Cyk3 in promoting cleavage furrow and septum formation in <i>S. cerevisiae</i> . <i>Journal of Cell Biology</i> , 2009, 185, 995-1012.	2.3	87
77	Quantitative Analysis of the Effect of Phosphoinositide Interactions on the Function of Dbl Family Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 45868-45875.	1.6	83
78	High-Affinity Binding of a FYVE Domain to Phosphatidylinositol 3-Phosphate Requires Intact Phospholipid but Not FYVE Domain Oligomerization. <i>Biochemistry</i> , 2001, 40, 8581-8587.	1.2	82
79	Essential Role for Rac in Heregulin $\hat{2}$ 1 Mitogenic Signaling: a Mechanism That Involves Epidermal Growth Factor Receptor and Is Independent of ErbB4. <i>Molecular and Cellular Biology</i> , 2006, 26, 831-842.	1.1	82
80	EGF-independent activation of cell-surface EGF receptors harboring mutations found in gefitinib-sensitive lung cancer. <i>Oncogene</i> , 2007, 26, 1567-1576.	2.6	78
81	Complex Relationship between Ligand Binding and Dimerization in the Epidermal Growth Factor Receptor. <i>Cell Reports</i> , 2014, 9, 1306-1317.	2.9	78
82	Specific role for the PH domain of dynamin-1 in the regulation of rapid endocytosis in adrenal chromaffin cells. <i>EMBO Journal</i> , 1997, 16, 1565-1574.	3.5	75
83	Assessing the range of kinase autoinhibition mechanisms in the insulin receptor family. <i>Biochemical Journal</i> , 2012, 448, 213-220.	1.7	75
84	Insertion scanning mutagenesis of the glycoporphin a transmembrane helix: A rapid way to map helix-helix interactions in integral membrane proteins. <i>Protein Science</i> , 1996, 5, 1339-1341.	3.1	71
85	Dimerization of the p185neu transmembrane domain is necessary but not sufficient for transformation. <i>Oncogene</i> , 1997, 14, 687-696.	2.6	71
86	ErbB2 resembles an autoinhibited invertebrate epidermal growth factor receptor. <i>Nature</i> , 2009, 461, 287-291.	13.7	69
87	Thermodynamic Studies of Tyrosyl-Phosphopeptide Binding to the SH2 Domain of p56lck. <i>Biochemistry</i> , 1994, 33, 5070-5076.	1.2	68
88	Receptor tyrosine kinases with intracellular pseudokinase domains. <i>Biochemical Society Transactions</i> , 2013, 41, 1029-1036.	1.6	68
89	Crystal Structure of Fibroblast Growth Factor 9 Reveals Regions Implicated in Dimerization and Autoinhibition. <i>Journal of Biological Chemistry</i> , 2001, 276, 4322-4329.	1.6	62
90	Antibody targeting of anaplastic lymphoma kinase induces cytotoxicity of human neuroblastoma. <i>Oncogene</i> , 2012, 31, 4859-4867.	2.6	61

#	ARTICLE	IF	CITATIONS
91	Scratching the surface with the PH domain. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 715-718.	3.6	59
92	The Role of the Pleckstrin Homology Domain in Membrane Targeting and Activation of Phospholipase C β 1. <i>Journal of Biological Chemistry</i> , 2000, 275, 14873-14881.	1.6	59
93	Loss of Phosphatidylinositol 3-Phosphate Binding by the C-terminal Tiam-1 Pleckstrin Homology Domain Prevents in Vivo Rac1 Activation without Affecting Membrane Targeting. <i>Journal of Biological Chemistry</i> , 2003, 278, 11457-11464.	1.6	59
94	The p21-activated Protein Kinase-related Kinase Cla4 Is a Coincidence Detector of Signaling by Cdc42 and Phosphatidylinositol 4-Phosphate. <i>Journal of Biological Chemistry</i> , 2004, 279, 17101-17110.	1.6	57
95	Membrane activity of the phospholipase C β 1 pleckstrin homology (PH) domain. <i>Biochemical Journal</i> , 2005, 389, 435-441.	1.7	56
96	Structural Insights into Pseudokinase Domains of Receptor Tyrosine Kinases. <i>Molecular Cell</i> , 2020, 79, 390-405.e7.	4.5	56
97	Helix-helix interactions inside lipid bilayers. <i>Current Opinion in Structural Biology</i> , 1992, 2, 511-518.	2.6	55
98	A possible effector role for the pleckstrin homology (PH) domain of dynamin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13359-13364.	3.3	55
99	Specificity and promiscuity in membrane helix interactions. <i>FEBS Letters</i> , 1994, 346, 17-20.	1.3	54
100	Structural basis for EGFR ligand sequestration by Argos. <i>Nature</i> , 2008, 453, 1271-1275.	13.7	48
101	Mutations in or near the Transmembrane Domain Alter PMEL Amyloid Formation from Functional to Pathogenic. <i>PLoS Genetics</i> , 2011, 7, e1002286.	1.5	46
102	Drug Sensitivity and Allele Specificity of First-Line Osimertinib Resistance <i>EGFR</i> Mutations. <i>Cancer Research</i> , 2020, 80, 2017-2030.	0.4	46
103	Phosphoinositide Binding by the Pleckstrin Homology Domains of Ipl and Tih1. <i>Journal of Biological Chemistry</i> , 2002, 277, 49935-49944.	1.6	45
104	Finding the missing links in EGFR. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1-3.	3.6	45
105	Kinetics of receptor tyrosine kinase activation define ERK signaling dynamics. <i>Science Signaling</i> , 2020, 13, .	1.6	45
106	Loss of pleckstrin defines a novel pathway for PKC-mediated exocytosis. <i>Blood</i> , 2009, 113, 3577-3584.	0.6	44
107	Putting together structures of epidermal growth factor receptors. <i>Current Opinion in Structural Biology</i> , 2014, 29, 95-101.	2.6	44
108	The Dbs PH domain contributes independently to membrane targeting and regulation of guanine nucleotide-exchange activity. <i>Biochemical Journal</i> , 2006, 400, 563-572.	1.7	42

#	ARTICLE	IF	CITATIONS
109	Comparison of <i>Saccharomyces cerevisiae</i> F-BAR Domain Structures Reveals a Conserved Inositol Phosphate Binding Site. <i>Structure</i> , 2015, 23, 352-363.	1.6	40
110	The EGFR Exon 19 Mutant L747-A750>P Exhibits Distinct Sensitivity to Tyrosine Kinase Inhibitors in Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 6382-6391.	3.2	39
111	Computational analysis of EGFR inhibition by Argos. <i>Developmental Biology</i> , 2005, 284, 523-535.	0.9	37
112	Pleckstrin Homology Domains: Two Halves Make a Hole?. <i>Cell</i> , 2005, 120, 574-576.	13.5	36
113	Glioblastoma mutations alter EGFR dimer structure to prevent ligand bias. <i>Nature</i> , 2022, 602, 518-522.	13.7	36
114	Thermodynamic Studies of SHC Phosphotyrosine Interaction Domain Recognition of the NPXpY Motif. <i>Journal of Biological Chemistry</i> , 1996, 271, 4770-4775.	1.6	33
115	Specificity of the Myotubularin Family of Phosphatidylinositol-3-phosphatase Is Determined by the PH/GRAM Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 31762-31769.	1.6	32
116	Ligand regulation of a constitutively dimeric EGF receptor. <i>Nature Communications</i> , 2015, 6, 7380.	5.8	31
117	Insulin and epidermal growth factor receptor family members share parallel activation mechanisms. <i>Protein Science</i> , 2020, 29, 1331-1344.	3.1	31
118	Overcoming resistance to HER2 inhibitors through state-specific kinase binding. <i>Nature Chemical Biology</i> , 2016, 12, 923-930.	3.9	29
119	Dimerization of Tie2 mediated by its membrane-proximal FNIII domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4382-4387.	3.3	29
120	Molecular dynamics analysis of conserved hydrophobic and hydrophilic bond-interaction networks in ErbB family kinases. <i>Biochemical Journal</i> , 2011, 436, 241-251.	1.7	27
121	Drugging the "Undruggable" MYCN Oncogenic Transcription Factor: Overcoming Previous Obstacles to Impact Childhood Cancers. <i>Cancer Research</i> , 2021, 81, 1627-1632.	0.4	25
122	Molecular determinants of KA1 domain-mediated autoinhibition and phospholipid activation of MARK1 kinase. <i>Biochemical Journal</i> , 2017, 474, 385-398.	1.7	21
123	Non-acylated Wnts Can Promote Signaling. <i>Cell Reports</i> , 2019, 26, 875-883.e5.	2.9	21
124	Structural basis for ligand reception by anaplastic lymphoma kinase. <i>Nature</i> , 2021, 600, 148-152.	13.7	21
125	Phosphatidylserine binding directly regulates TIM-3 function. <i>Biochemical Journal</i> , 2021, 478, 3331-3349.	1.7	19
126	The EGF Receptor Family as Therapeutic Targets in Breast Cancer. <i>Breast Disease</i> , 2003, 18, 33-43.	0.4	18

#	ARTICLE	IF	CITATIONS
127	Genome-wide analysis of signaling domain function. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 103-109.	2.8	15
128	Structural Basis for MARK1 Kinase Autoinhibition by Its KA1 Domain. <i>Structure</i> , 2018, 26, 1137-1143.e3.	1.6	15
129	Specificity of the Myotubularin Family of Phosphatidylinositol-3-phosphatase Is Determined by the PH/GRAM Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 31762-31769.	1.6	14
130	A New Twist in the Transmembrane Signaling Tool-Kit. <i>Cell</i> , 2007, 130, 213-215.	13.5	13
131	ROR and RYK extracellular region structures suggest that receptor tyrosine kinases have distinct WNT-recognition modes. <i>Cell Reports</i> , 2021, 37, 109834.	2.9	13
132	<sc>EGFR</sc> mutations cause a lethal syndrome of epithelial dysfunction with progeroid features. <i>Molecular Genetics & Genomic Medicine</i> , 2015, 3, 452-458.	0.6	12
133	[48] Analysis of phosphoinositide binding by Pleckstrin homology domain from dynamin. <i>Methods in Enzymology</i> , 2001, 329, 457-468.	0.4	11
134	Computational algorithms for in silico profiling of activating mutations in cancer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2663-2679.	2.4	11
135	Protein Kinase C Regulation: C1 Meets C-tail. <i>Structure</i> , 2011, 19, 144-146.	1.6	10
136	KSR Plays CRAF-ty. <i>Science</i> , 2011, 332, 1043-1044.	6.0	9
137	Neuregulin Signaling Is a Mechanism of Therapeutic Resistance in Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 2124-2134.	1.9	9
138	Looking lively: emerging principles of pseudokinase signaling. <i>Trends in Biochemical Sciences</i> , 2022, 47, 875-891.	3.7	9
139	Occupy EGFR: Figure 1.. <i>Cancer Discovery</i> , 2012, 2, 398-400.	7.7	8
140	Argos Mutants Define an Affinity Threshold for Spitz Inhibition in Vivo. <i>Journal of Biological Chemistry</i> , 2006, 281, 28993-29001.	1.6	6
141	Deletion Mutations Keep Kinase Inhibitors in the Loop. <i>Cancer Cell</i> , 2016, 29, 423-425.	7.7	5
142	Regulation of Kinase Activity in the <i>Caenorhabditis elegans</i> EGF Receptor, LET-23. <i>Structure</i> , 2018, 26, 270-281.e4.	1.6	5
143	Flipping ATP to AMPlify Kinase Functions. <i>Cell</i> , 2018, 175, 641-642.	13.5	4
144	Comparison of tyrosine kinase domain properties for the neurotrophin receptors TrkA and TrkB. <i>Biochemical Journal</i> , 2020, 477, 4053-4070.	1.7	4

#	ARTICLE	IF	CITATIONS
145	Smoothing out the patches. <i>Science</i> , 2018, 362, 26-27.	6.0	3
146	Computational studies of anaplastic lymphoma kinase mutations reveal common mechanisms of oncogenic activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2019132118.	3.3	3
147	PH Domains. , 2005, , 337-363.		2
148	Pleckstrin Homology (PH) Domains. , 2010, , 1093-1101.		2
149	Dynamics of protein kinases and pseudokinases by HDX-MS. <i>Methods in Enzymology</i> , 2022, 667, 303-338.	0.4	2
150	Structural bases for specific phosphoinositide binding by PH domains. <i>Biochemical Society Transactions</i> , 1999, 27, A73-A73.	1.6	0
151	Pleckstrin Homology (PH) Domains. , 2003, , 161-169.		0
152	Autoinhibition of dynamin GTPase activity is regulated by PH domain interactions. <i>FASEB Journal</i> , 2009, 23, 697.3.	0.2	0
153	Regulation of the epidermal growth factor receptor intracellular domain. <i>FASEB Journal</i> , 2009, 23, 883.2.	0.2	0
154	Structural basis for EGFR ligand sequestration by Argos. <i>FASEB Journal</i> , 2009, 23, 883.7.	0.2	0
155	ErbB2/HER2/Neu resembles an autoinhibited invertebrate EGF receptor. <i>FASEB Journal</i> , 2009, 23, 884.3.	0.2	0
156	Phosphoinositide-mimicking peptide sequences are binding targets for PH domains. <i>FASEB Journal</i> , 2009, 23, 873.7.	0.2	0
157	Characterization of Novel PtdIns(4,5)P ₂ Effector Domains. <i>FASEB Journal</i> , 2009, 23, 873.6.	0.2	0
158	Drug Sensitivity and Allele-specificity of First-line Osimertinib Resistance EGFR Mutations. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0