

# John Kuriyan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

25,753  
citations

70  
h-index

160  
g-index

165  
ext. papers

28,586  
ext. citations

22.4  
avg, IF

6.79  
L-index

#	Paper	IF	Citations
140	A saturation-mutagenesis analysis of the interplay between stability and activation in Ras.. <i>ELife</i> , <b>2022</b> , 11,	8.9	2
139	A two-component protein condensate of the EGFR cytoplasmic tail and Grb2 regulates Ras activation by SOS at the membrane.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2122531119	11.5	2
138	Relating cellular signaling timescales to single-molecule kinetics: A first-passage time analysis of Ras activation by SOS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
137	A molecular mechanism for the generation of ligand-dependent differential outputs by the epidermal growth factor receptor. <i>ELife</i> , <b>2021</b> , 10,	8.9	6
136	Differences in the dynamics of the tandem-SH2 modules of the Syk and ZAP-70 tyrosine kinases. <i>Protein Science</i> , <b>2021</b> , 30, 2373-2384	6.3	2
135	Allosteric communication in DNA polymerase clamp loaders relies on a critical hydrogen-bonded junction. <i>ELife</i> , <b>2021</b> , 10,	8.9	7
134	GHB analogs confer neuroprotection through specific interaction with the CaMKII $\beta$ hub domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
133	Structural basis and regulation of the reductive stress response. <i>Cell</i> , <b>2021</b> , 184, 5375-5390.e16	56.2	8
132	New insights into Raf regulation from structural analyses. <i>Current Opinion in Structural Biology</i> , <b>2021</b> , 71, 223-231	8.1	2
131	Flexible linkers in CaMKII control the balance between activating and inhibitory autophosphorylation. <i>ELife</i> , <b>2020</b> , 9,	8.9	15
130	CRISPR-Cas12a exploits R-loop asymmetry to form double-strand breaks. <i>ELife</i> , <b>2020</b> , 9,	8.9	32
129	Breakage of the oligomeric CaMKII hub by the regulatory segment of the kinase. <i>ELife</i> , <b>2020</b> , 9,	8.9	10
128	Author response: Breakage of the oligomeric CaMKII hub by the regulatory segment of the kinase <b>2020</b> ,		2
127	Structural Insights into the Regulation of Ca/Calmodulin-Dependent Protein Kinase II (CaMKII). <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2020</b> , 12,	10.2	22
126	Structural basis for dimerization quality control. <i>Nature</i> , <b>2020</b> , 586, 452-456	50.4	17
125	Cryo-EM structure of a dimeric B-Raf:14-3-3 complex reveals asymmetry in the active sites of B-Raf kinases. <i>Science</i> , <b>2019</b> , 366, 109-115	33.3	63
124	Switch-like activation of Bruton's tyrosine kinase by membrane-mediated dimerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10798-10803	11.5	15

123	A molecular assembly phase transition and kinetic proofreading modulate Ras activation by SOS. <i>Science</i> , <b>2019</b> , 363, 1098-1103	33.3	140
122	Prospective discovery of small molecule enhancers of an E3 ligase-substrate interaction. <i>Nature Communications</i> , <b>2019</b> , 10, 1402	17.4	61
121	Variation in assembly stoichiometry in non-metazoan homologs of the hub domain of Ca/calmodulin-dependent protein kinase II. <i>Protein Science</i> , <b>2019</b> , 28, 1071-1082	6.3	8
120	Slow phosphorylation of a tyrosine residue in LAT optimizes T cell ligand discrimination. <i>Nature Immunology</i> , <b>2019</b> , 20, 1481-1493	19.1	27
119	Understanding molecular mechanisms in cell signaling through natural and artificial sequence variation. <i>Nature Structural and Molecular Biology</i> , <b>2019</b> , 26, 25-34	17.6	18
118	The Interdependent Activation of Son-of-Sevenless and Ras. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2019</b> , 9,	5.4	23
117	Phosphorylation control of the ubiquitin ligase Cbl is conserved in choanoflagellates. <i>Protein Science</i> , <b>2018</b> , 27, 923-932	6.3	3
116	Deep mutational analysis reveals functional trade-offs in the sequences of EGFR autophosphorylation sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E7303-E7312	11.5	15
115	Lck promotes Zap70-dependent LAT phosphorylation by bridging Zap70 to LAT. <i>Nature Immunology</i> , <b>2018</b> , 19, 733-741	19.1	59
114	The Src module: an ancient scaffold in the evolution of cytoplasmic tyrosine kinases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2018</b> , 53, 535-563	8.7	36
113	Fine-tuning of substrate preferences of the Src-family kinase Lck revealed through a high-throughput specificity screen. <i>ELife</i> , <b>2018</b> , 7,	8.9	24
112	Identification of Inhibitors of the Association of ZAP-70 with the T Cell Receptor by High-Throughput Screen. <i>SLAS Discovery</i> , <b>2017</b> , 22, 324-331	3.4	13
111	Multiple interactions between an Arf/GEF complex and charged lipids determine activation kinetics on the membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 11416-11421	11.5	27
110	A Phosphosite within the SH2 Domain of Lck Regulates Its Activation by CD45. <i>Molecular Cell</i> , <b>2017</b> , 67, 498-511.e6	17.6	35
109	Deconstruction of the Ras switching cycle through saturation mutagenesis. <i>ELife</i> , <b>2017</b> , 6,	8.9	58
108	Author response: Deconstruction of the Ras switching cycle through saturation mutagenesis <b>2017</b> ,		2
107	A Histidine pH sensor regulates activation of the Ras-specific guanine nucleotide exchange factor RasGRP1. <i>ELife</i> , <b>2017</b> , 6,	8.9	19
106	A novel human autoimmune syndrome caused by combined hypomorphic and activating mutations in ZAP-70. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 155-65	16.6	60

105	Crystal Structure of a Ube2S-Ubiquitin Conjugate. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147550	3.7	16
104	Molecular mechanism of activation-triggered subunit exchange in Ca <sup>2+</sup> /calmodulin-dependent protein kinase II. <i>ELife</i> , <b>2016</b> , 5,	8.9	55
103	Author response: Molecular mechanism of activation-triggered subunit exchange in Ca <sup>2+</sup> /calmodulin-dependent protein kinase II <b>2016</b> ,		3
102	Molecular basis for multimerization in the activation of the epidermal growth factor receptor. <i>ELife</i> , <b>2016</b> , 5,	8.9	91
101	An electrostatic selection mechanism controls sequential kinase signaling downstream of the T cell receptor. <i>ELife</i> , <b>2016</b> , 5,	8.9	53
100	Phosphotyrosine-mediated LAT assembly on membranes drives kinetic bifurcation in recruitment dynamics of the Ras activator SOS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8218-23	11.5	60
99	Crystal structure of an SH2-kinase construct of c-Abl and effect of the SH2 domain on kinase activity. <i>Biochemical Journal</i> , <b>2015</b> , 468, 283-91	3.8	19
98	Analysis of the Role of the C-Terminal Tail in the Regulation of the Epidermal Growth Factor Receptor. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 3083-102	4.8	47
97	Modification by covalent reaction or oxidation of cysteine residues in the tandem-SH2 domains of ZAP-70 and Syk can block phosphopeptide binding. <i>Biochemical Journal</i> , <b>2015</b> , 465, 149-61	3.8	16
96	Crystal structure of the FLT3 kinase domain bound to the inhibitor Quizartinib (AC220). <i>PLoS ONE</i> , <b>2015</b> , 10, e0121177	3.7	55
95	The catalytic activity of the kinase ZAP-70 mediates basal signaling and negative feedback of the T cell receptor pathway. <i>Science Signaling</i> , <b>2015</b> , 8, ra49	8.8	38
94	A structural perspective on the regulation of the epidermal growth factor receptor. <i>Annual Review of Biochemistry</i> , <b>2015</b> , 84, 739-64	29.1	184
93	Autoinhibition of Bruton's tyrosine kinase (Btk) and activation by soluble inositol hexakisphosphate. <i>ELife</i> , <b>2015</b> , 4,	8.9	53
92	Emerging concepts in the regulation of the EGF receptor and other receptor tyrosine kinases. <i>Trends in Biochemical Sciences</i> , <b>2014</b> , 39, 437-46	10.3	56
91	Structural insights into the role of iron-histidine bond cleavage in nitric oxide-induced activation of H-NOX gas sensor proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E4156-64	11.5	70
90	Molecular kinetics. Ras activation by SOS: allosteric regulation by altered fluctuation dynamics. <i>Science</i> , <b>2014</b> , 345, 50-4	33.3	94
89	Activation-triggered subunit exchange between CaMKII holoenzymes facilitates the spread of kinase activity. <i>ELife</i> , <b>2014</b> , 3, e01610	8.9	58
88	A structural atlas of kinases inhibited by clinically approved drugs. <i>Methods in Enzymology</i> , <b>2014</b> , 548, 23-67	1.7	32

87	Structural studies on the regulation of Ca <sup>2+</sup> /calmodulin dependent protein kinase II. <i>Current Opinion in Structural Biology</i> , <b>2013</b> , 23, 292-301	8.1	55
86	Macromolecular juggling by ubiquitylation enzymes. <i>BMC Biology</i> , <b>2013</b> , 11, 65	7.3	48
85	Monovalent and multivalent ligation of the B cell receptor exhibit differential dependence upon Syk and Src family kinases. <i>Science Signaling</i> , <b>2013</b> , 6, ra1	8.8	55
84	Architecture and membrane interactions of the EGF receptor. <i>Cell</i> , <b>2013</b> , 152, 557-69	56.2	339
83	Conformational coupling across the plasma membrane in activation of the EGF receptor. <i>Cell</i> , <b>2013</b> , 152, 543-56	56.2	337
82	A highly efficient peptide substrate for EGFR activates the kinase by inducing aggregation. <i>Biochemical Journal</i> , <b>2013</b> , 453, 337-44	3.8	4
81	Structural basis for activation of ZAP-70 by phosphorylation of the SH2-kinase linker. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 2188-201	4.8	56
80	Structural analysis of autoinhibition in the Ras-specific exchange factor RasGRP1. <i>ELife</i> , <b>2013</b> , 2, e00813	8.9	57
79	Oncogenic mutations counteract intrinsic disorder in the EGFR kinase and promote receptor dimerization. <i>Cell</i> , <b>2012</b> , 149, 860-70	56.2	241
78	Clamp loader ATPases and the evolution of DNA replication machinery. <i>BMC Biology</i> , <b>2012</b> , 10, 34	7.3	50
77	Molecular Mechanisms of DNA Polymerase Clamp Loaders. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2012</b> , 103-114	0.1	0
76	A mechanism for tunable autoinhibition in the structure of a human Ca <sup>2+</sup> /calmodulin- dependent kinase II holoenzyme. <i>Cell</i> , <b>2011</b> , 146, 732-45	56.2	167
75	Catalytic control in the EGF receptor and its connection to general kinase regulatory mechanisms. <i>Molecular Cell</i> , <b>2011</b> , 42, 9-22	17.6	239
74	Regulation of the catalytic activity of the EGF receptor. <i>Current Opinion in Structural Biology</i> , <b>2011</b> , 21, 777-84	8.1	80
73	How a DNA polymerase clamp loader opens a sliding clamp. <i>Science</i> , <b>2011</b> , 334, 1675-80	33.3	119
72	Intersubunit capture of regulatory segments is a component of cooperative CaMKII activation. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 264-72	17.6	85
71	Molecular mechanisms in signal transduction at the membrane. <i>Nature Structural and Molecular Biology</i> , <b>2010</b> , 17, 659-65	17.6	204
70	Role of the histone domain in the autoinhibition and activation of the Ras activator Son of Sevenless. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 3430-5	11.5	70

69	Analysis of the role of PCNA-DNA contacts during clamp loading. <i>BMC Structural Biology</i> , <b>2010</b> , 10, 3	2.7	75
68	A conserved protonation-dependent switch controls drug binding in the Abl kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 139-44	11.5	216
67	Stability of an autoinhibitory interface in the structure of the tyrosine kinase ZAP-70 impacts T cell receptor response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 20699-704	11.5	26
66	Equally potent inhibition of c-Src and Abl by compounds that recognize inactive kinase conformations. <i>Cancer Research</i> , <b>2009</b> , 69, 2384-92	10.1	117
65	Structural analysis of the catalytically inactive kinase domain of the human EGF receptor 3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21608-13	11.5	241
64	The structure, regulation, and function of ZAP-70. <i>Immunological Reviews</i> , <b>2009</b> , 228, 41-57	11.3	154
63	Comparative analysis of mutant tyrosine kinase chemical rescue. <i>Biochemistry</i> , <b>2009</b> , 48, 3378-86	3.2	16
62	The mechanism of ATP-dependent primer-template recognition by a clamp loader complex. <i>Cell</i> , <b>2009</b> , 137, 659-71	56.2	109
61	Mechanism for activation of the EGF receptor catalytic domain by the juxtamembrane segment. <i>Cell</i> , <b>2009</b> , 137, 1293-307	56.2	432
60	The tyrosine kinase Csk dimerizes through its SH3 domain. <i>PLoS ONE</i> , <b>2009</b> , 4, e7683	3.7	22
59	Allosteric Mechanisms in Receptor Tyrosine Kinase Activation. <i>FASEB Journal</i> , <b>2009</b> , 23, 313.1	0.9	
58	Membrane-dependent signal integration by the Ras activator Son of sevenless. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 452-61	17.6	187
57	Activation of tyrosine kinases by mutation of the gatekeeper threonine. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 1109-18	17.6	311
56	Structure of a sliding clamp on DNA. <i>Cell</i> , <b>2008</b> , 132, 43-54	56.2	175
55	Structural basis for the recognition of c-Src by its inactivator Csk. <i>Cell</i> , <b>2008</b> , 134, 124-34	56.2	93
54	Inhibition of the EGF receptor by binding of MIG6 to an activating kinase domain interface. <i>Nature</i> , <b>2007</b> , 450, 741-4	50.4	275
53	The origin of protein interactions and allostery in colocalization. <i>Nature</i> , <b>2007</b> , 450, 983-90	50.4	310
52	c-Src binds to the cancer drug imatinib with an inactive Abl/c-Kit conformation and a distributed thermodynamic penalty. <i>Structure</i> , <b>2007</b> , 15, 299-311	5.2	179

51	Structural basis for the inhibition of tyrosine kinase activity of ZAP-70. <i>Cell</i> , <b>2007</b> , 129, 735-46	56.2	183
50	Regulation of ras signaling dynamics by Sos-mediated positive feedback. <i>Current Biology</i> , <b>2006</b> , 16, 2173-83	9.3	94
49	Protein-protein interactions in the allosteric regulation of protein kinases. <i>Current Opinion in Structural Biology</i> , <b>2006</b> , 16, 702-9	8.1	89
48	Mechanism of proliferating cell nuclear antigen clamp opening by replication factor C. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 17528-17539	5.4	55
47	Structure of the kinase domain of an imatinib-resistant Abl mutant in complex with the Aurora kinase inhibitor VX-680. <i>Cancer Research</i> , <b>2006</b> , 66, 1007-14	10.1	256
46	The replication factor C clamp loader requires arginine finger sensors to drive DNA binding and proliferating cell nuclear antigen loading. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 35531-43	5.4	50
45	An allosteric mechanism for activation of the kinase domain of epidermal growth factor receptor. <i>Cell</i> , <b>2006</b> , 125, 1137-49	56.2	1137
44	Crystal structure of the catalytic alpha subunit of E. coli replicative DNA polymerase III. <i>Cell</i> , <b>2006</b> , 126, 881-92	56.2	136
43	A dimeric kinase assembly underlying autophosphorylation in the p21 activated kinases. <i>Journal of Molecular Biology</i> , <b>2006</b> , 361, 312-26	6.5	70
42	Organization of the SH3-SH2 unit in active and inactive forms of the c-Abl tyrosine kinase. <i>Molecular Cell</i> , <b>2006</b> , 21, 787-98	17.6	174
41	A Src-like inactive conformation in the abl tyrosine kinase domain. <i>PLoS Biology</i> , <b>2006</b> , 4, e144	9.7	244
40	Oligomerization states of the association domain and the holoenzyme of Ca <sup>2+</sup> /CaM kinase II. <i>FEBS Journal</i> , <b>2006</b> , 273, 682-94	5.7	73
39	Structure of the autoinhibited kinase domain of CaMKII and SAXS analysis of the holoenzyme. <i>Cell</i> , <b>2005</b> , 123, 849-60	56.2	242
38	DNA polymerase clamp loaders and DNA recognition. <i>FEBS Letters</i> , <b>2005</b> , 579, 863-7	3.8	60
37	High yield bacterial expression of active c-Abl and c-Src tyrosine kinases. <i>Protein Science</i> , <b>2005</b> , 14, 3135-8.3	17.3	175
36	Mapping the interaction of DNA with the Escherichia coli DNA polymerase clamp loader complex. <i>Nature Structural and Molecular Biology</i> , <b>2005</b> , 12, 183-90	17.6	40
35	Out-of-plane motions in open sliding clamps: molecular dynamics simulations of eukaryotic and archaeal proliferating cell nuclear antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 13801-6	11.5	57
34	Structural analysis of a eukaryotic sliding DNA clamp-clamp loader complex. <i>Nature</i> , <b>2004</b> , 429, 724-30	50.4	335

33	Structural analysis of autoinhibition in the Ras activator Son of sevenless. <i>Cell</i> , <b>2004</b> , 119, 393-405	56.2	216
32	Allostery and coupled sequence variation in nuclear hormone receptors. <i>Cell</i> , <b>2004</b> , 116, 354-6	56.2	10
31	Nucleotide-induced conformational changes in an isolated Escherichia coli DNA polymerase III clamp loader subunit. <i>Structure</i> , <b>2003</b> , 11, 253-63	5.2	24
30	Structural evidence for feedback activation by Ras.GTP of the Ras-specific nucleotide exchange factor SOS. <i>Cell</i> , <b>2003</b> , 112, 685-95	56.2	337
29	A myristoyl/phosphotyrosine switch regulates c-Abl. <i>Cell</i> , <b>2003</b> , 112, 845-57	56.2	332
28	Structural basis for the autoinhibition of c-Abl tyrosine kinase. <i>Cell</i> , <b>2003</b> , 112, 859-71	56.2	661
27	Crystal structure of a tetradecameric assembly of the association domain of Ca <sup>2+</sup> /calmodulin-dependent kinase II. <i>Molecular Cell</i> , <b>2003</b> , 11, 1241-51	17.6	144
26	Multiple BCR-ABL kinase domain mutations confer polyclonal resistance to the tyrosine kinase inhibitor imatinib (STI571) in chronic phase and blast crisis chronic myeloid leukemia. <i>Cancer Cell</i> , <b>2002</b> , 2, 117-25	24.3	1402
25	Clamp loaders and sliding clamps. <i>Current Opinion in Structural Biology</i> , <b>2002</b> , 12, 217-24	8.1	122
24	The conformational plasticity of protein kinases. <i>Cell</i> , <b>2002</b> , 109, 275-82	56.2	1355
23	Crystal structures of the kinase domain of c-Abl in complex with the small molecule inhibitors PD173955 and imatinib (STI-571). <i>Cancer Research</i> , <b>2002</b> , 62, 4236-43	10.1	634
22	Dynamic coupling between the SH2 and SH3 domains of c-Src and Hck underlies their inactivation by C-terminal tyrosine phosphorylation. <i>Cell</i> , <b>2001</b> , 105, 115-26	56.2	329
21	Mechanism of Processivity Clamp Opening by the Delta Subunit Wrench of the Clamp Loader Complex of E. coli DNA Polymerase III. <i>Cell</i> , <b>2001</b> , 106, 417-428	56.2	205
20	Crystal structure of the processivity clamp loader gamma (gamma) complex of E. coli DNA polymerase III. <i>Cell</i> , <b>2001</b> , 106, 429-41	56.2	253
19	Reciprocal regulation of Hck activity by phosphorylation of Tyr(527) and Tyr(416). Effect of introducing a high affinity intramolecular SH2 ligand. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 2721-6	5.4	97
18	Crystal structure of the DNA polymerase processivity factor of T4 bacteriophage. <i>Journal of Molecular Biology</i> , <b>2000</b> , 296, 1215-23	6.5	139
17	Structural mechanism for STI-571 inhibition of abelson tyrosine kinase. <i>Science</i> , <b>2000</b> , 289, 1938-42	33.3	1546
16	Crystal structure of Hck in complex with a Src family-selective tyrosine kinase inhibitor. <i>Molecular Cell</i> , <b>1999</b> , 3, 639-48	17.6	384



15	The structural basis of the activation of Ras by Sos. <i>Nature</i> , <b>1998</b> , 394, 337-43	50.4	616
14	Structure of the amino-terminal protein interaction domain of STAT-4. <i>Science</i> , <b>1998</b> , 279, 1048-52	33.3	222
13	Modular peptide recognition domains in eukaryotic signaling. <i>Annual Review of Biophysics and Biomolecular Structure</i> , <b>1997</b> , 26, 259-88		477
12	Crystal structure of the delta' subunit of the clamp-loader complex of E. coli DNA polymerase III. <i>Cell</i> , <b>1997</b> , 91, 335-45	56.2	235
11	Crystal structure of the Src family tyrosine kinase Hck. <i>Nature</i> , <b>1997</b> , 385, 602-9	50.4	1075
10	Activation of the Src-family tyrosine kinase Hck by SH3 domain displacement. <i>Nature</i> , <b>1997</b> , 385, 650-3	50.4	559
9	Structural basis for the autoinhibition of calcium/calmodulin-dependent protein kinase I. <i>Cell</i> , <b>1996</b> , 84, 875-87	56.2	295
8	Structure of the C-terminal region of p21(WAF1/CIP1) complexed with human PCNA. <i>Cell</i> , <b>1996</b> , 87, 297-306	56.2	665
7	Three-dimensional structure of the catalytic subunit of protein serine/threonine phosphatase-1. <i>Nature</i> , <b>1995</b> , 376, 745-53	50.4	751
6	Crystal structure of the eukaryotic DNA polymerase processivity factor PCNA. <i>Cell</i> , <b>1994</b> , 79, 1233-43	56.2	760
5	Three-dimensional structure of the beta subunit of E. coli DNA polymerase III holoenzyme: a sliding DNA clamp. <i>Cell</i> , <b>1992</b> , 69, 425-37	56.2	688
4	Crystal structure of the phosphotyrosine recognition domain SH2 of v-src complexed with tyrosine-phosphorylated peptides. <i>Nature</i> , <b>1992</b> , 358, 646-53	50.4	651
3	Exploration of disorder in protein structures by X-ray restrained molecular dynamics. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>1991</b> , 10, 340-58	4.2	90
2	A molecular mechanism for the generation of ligand-dependent differential outputs by the epidermal growth factor receptor		3
1	Switch-like activation of Bruton's tyrosine kinase by membrane-mediated dimerization		2