

# Daniel J Leahy

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

3,673  
citations

361413

20  
h-index

414414

32  
g-index

34  
all docs

34  
docs citations

34  
times ranked

5285  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Open-and-Shut Case? Recent Insights into the Activation of EGF/ErbB Receptors. <i>Molecular Cell</i> , 2003, 12, 541-552.	9.7	774
2	EGF Activates Its Receptor by Removing Interactions that Autoinhibit Ectodomain Dimerization. <i>Molecular Cell</i> , 2003, 11, 507-517.	9.7	675
3	Transient Mammalian Cell Transfection with Polyethylenimine (PEI). <i>Methods in Enzymology</i> , 2013, 529, 227-240.	1.0	448
4	Structure of the Extracellular Region of HER3 Reveals an Interdomain Tether. <i>Science</i> , 2002, 297, 1330-1333.	12.6	388
5	EGFR Ligands Differentially Stabilize Receptor Dimers to Specify Signaling Kinetics. <i>Cell</i> , 2017, 171, 683-695.e18.	28.9	276
6	The extracellular region of ErbB4 adopts a tethered conformation in the absence of ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15024-15029.	7.1	156
7	How IGF-1 activates its receptor. <i>ELife</i> , 2014, 3, .	6.0	154
8	Structural Basis of Arc Binding to Synaptic Proteins: Implications for Cognitive Disease. <i>Neuron</i> , 2015, 86, 490-500.	8.1	144
9	The FRET Signatures of Noninteracting Proteins in Membranes: Simulations and Experiments. <i>Biophysical Journal</i> , 2014, 106, 1309-1317.	0.5	80
10	Structure and Function of the Epidermal Growth Factor (EGF $\alpha$ ,ErbB) Family of Receptors. <i>Advances in Protein Chemistry</i> , 2004, 68, 1-27.	4.4	70
11	A structural view of CD4 and CD8. <i>FASEB Journal</i> , 1995, 9, 17-25.	0.5	66
12	A monoclonal antibody against KCNK9 K <sup>+</sup> channel extracellular domain inhibits tumour growth and metastasis. <i>Nature Communications</i> , 2016, 7, 10339.	12.8	57
13	In Vitro Enzymatic Characterization of Near Full Length EGFR in Activated and Inhibited States. <i>Biochemistry</i> , 2009, 48, 6624-6632.	2.5	47
14	Systemic RNA Interference Deficiency-1 (SID-1) Extracellular Domain Selectively Binds Long Double-stranded RNA and Is Required for RNA Transport by SID-1. <i>Journal of Biological Chemistry</i> , 2015, 290, 18904-18913.	3.4	43
15	IMPLICATIONS OF ATOMIC-RESOLUTION STRUCTURES FOR CELL ADHESION. <i>Annual Review of Cell and Developmental Biology</i> , 1997, 13, 363-393.	9.4	38
16	Coupling Antibody to Cyanogen Bromide-Activated Sepharose. <i>Methods in Enzymology</i> , 2014, 541, 27-34.	1.0	37
17	Silver Staining of SDS-polyacrylamide Gel. <i>Methods in Enzymology</i> , 2014, 541, 169-176.	1.0	32
18	A Molecular View of Anti-ErbB Monoclonal Antibody Therapy. <i>Cancer Cell</i> , 2008, 13, 291-293.	16.8	28

#	ARTICLE	IF	CITATIONS
19	EGFR forms ligand-independent oligomers that are distinct from the active state. <i>Journal of Biological Chemistry</i> , 2020, 295, 13353-13362.	3.4	28
20	Regulation of S-Adenosylhomocysteine Hydrolase by Lysine Acetylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 31361-31372.	3.4	24
21	Smoothed Goes Molecular: New Pieces in the Hedgehog Signaling Puzzle. <i>Journal of Biological Chemistry</i> , 2015, 290, 3500-3507.	3.4	21
22	Kinase Activator-Receiver Preference in ErbB Heterodimers Is Determined by Intracellular Regions and Is Not Coupled to Extracellular Asymmetry. <i>Journal of Biological Chemistry</i> , 2015, 290, 1570-1579.	3.4	21
23	FLT3 Kinase Inhibitor TTT-3002 Overcomes Both Activating and Drug Resistance Mutations in FLT3 in Acute Myeloid Leukemia. <i>Cancer Research</i> , 2014, 74, 5206-5217.	0.9	20
24	Single Cell Cloning of a Stable Mammalian Cell Line. <i>Methods in Enzymology</i> , 2014, 536, 165-172.	1.0	14
25	The Ins and Outs of EGFR Asymmetry. <i>Cell</i> , 2010, 142, 513-515.	28.9	9
26	Detergent-solubilized Patched purified from Sf9 cells fails to interact strongly with cognate Hedgehog or Ihog homologs. <i>Protein Expression and Purification</i> , 2014, 104, 92-102.	1.3	6
27	Conserved roles for receptor tyrosine kinase extracellular regions in regulating receptor and pathway activity. <i>Biochemical Journal</i> , 2020, 477, 4207-4220.	3.7	3
28	New Light on the Integrin Switch. <i>Structure</i> , 2002, 10, 1152-1154.	3.3	2
29	Piecing Together the Extracellular Puzzle. <i>Cell</i> , 2013, 154, 23-25.	28.9	1
30	Magic Bullets from Llamas. <i>Structure</i> , 2013, 21, 1072-1073.	3.3	1
31	Lysis of Mammalian and Sf9 Cells. <i>Methods in Enzymology</i> , 2014, 536, 47-52.	1.0	1
32	Immunoaffinity Purification of Proteins. <i>Methods in Enzymology</i> , 2015, 559, 27-36.	1.0	1