James M Murphy

List of Publications by Year
in descending order

152 papers	11,051 citations	28274 55 h-index	37204 96 g-index
167 all docs	167 docs citations	167 times ranked	11836 citing authors

#	Article	IF	Citations
1	The Pseudokinase MLKL Mediates Necroptosis via a Molecular Switch Mechanism. Immunity, 2013, 39, 443-453.	14.3	958
2	RIPK1 Regulates RIPK3-MLKL-Driven Systemic Inflammation and Emergency Hematopoiesis. Cell, 2014, 157, 1175-1188.	28.9	492
3	Activation of the pseudokinase MLKL unleashes the four-helix bundle domain to induce membrane localization and necroptotic cell death. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15072-15077.	7.1	484
4	Active MLKL triggers the NLRP3 inflammasome in a cell-intrinsic manner. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E961-E969.	7.1	337
5	The molecular basis of JAK/STAT inhibition by SOCS1. Nature Communications, 2018, 9, 1558.	12.8	298
6	Necroptosis and ferroptosis are alternative cell death pathways that operate in acute kidney failure. Cellular and Molecular Life Sciences, 2017, 74, 3631-3645.	5.4	261
7	The molecular regulation of Janus kinase (JAK) activation. Biochemical Journal, 2014, 462, 1-13.	3.7	251
8	MK2 Phosphorylates RIPK1 to Prevent TNF-Induced Cell Death. Molecular Cell, 2017, 66, 698-710.e5.	9.7	242
9	A robust methodology to subclassify pseudokinases based on their nucleotide-binding properties. Biochemical Journal, 2014, 457, 323-334.	3.7	241
10	Suppression of Cytokine Signaling by SOCS3: Characterization of the Mode of Inhibition and the Basis of Its Specificity. Immunity, 2012, 36, 239-250.	14.3	240
11	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. ELife, 2014, 3, .	6.0	232
12	SOCS3 binds specific receptorâ€“JAK complexes to control cytokine signaling by direct kinase inhibition. Nature Structural and Molecular Biology, 2013, 20, 469-476.	8.2	229
13	MLKL trafficking and accumulation at the plasma membrane control the kinetics and threshold for necroptosis. Nature Communications, 2020, 11, 3151.	12.8	194
14	Regulated necrosis in kidney ischemia-reperfusion injury. Kidney International, 2019, 96, 291-301.	5.2	191
15	Transferrin receptor 1 is a reticulocyte-specific receptor for <i>Plasmodium vivax</i>. Science, 2018, 359, 48-55.	12.6	158
16	Conformational switching of the pseudokinase domain promotes human MLKL tetramerization and cell death by necroptosis. Nature Communications, 2018, 9, 2422.	12.8	154
17	cIAPs and XIAP regulate myelopoiesis through cytokine production in an RIPK1- and RIPK3-dependent manner. Blood, 2014, 123, 2562-2572.	1.4	145
18	EspL is a bacterial cysteine protease effector that cleaves RHIM proteins to block necroptosis and inflammation. Nature Microbiology, 2017, 2, 16258.	13.3	141

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19	TNF can activate RIPK3 and cause programmed necrosis in the absence of RIPK1. Cell Death and Disease, 2013, 4, e465-e465.	6.3	130
20	The pseudokinase MLKL mediates programmed hepatocellular necrosis independently of RIPK3 during hepatitis. Journal of Clinical Investigation, 2016, 126, 4346-4360.	8.2	130
21	RIPK1- and RIPK3-induced cell death mode is determined by target availability. Cell Death and Differentiation, 2014, 21, 1600-1612.	11.2	129
22	The Structural Basis of Necroptotic Cell Death Signaling. Trends in Biochemical Sciences, 2019, 44, 53-63.	7.5	125
23	HSP90 activity is required for MLKL oligomerisation and membrane translocation and the induction of necroptotic cell death. Cell Death and Disease, 2016, 7, e2051-e2051.	6.3	123
24	A RIPK2 inhibitor delays NOD signalling events yet prevents inflammatory cytokine production. Nature Communications, 2015, 6, 6442.	12.8	112
25	Screening for PTB Domain Binding Partners and LigandSpecificity Using Proteome-Derived NPXY Peptide Arrays. Molecular and Cellular Biology, 2006, 26, 8461-8474.	2.3	101
26	Monosodium Urate Crystals Generate Nuclease-Resistant Neutrophil Extracellular Traps via a Distinct Molecular Pathway. Journal of Immunology, 2018, 200, 1802-1816.	0.8	98
27	Structure of the Complete Extracellular Domain of the Common Î² Subunit of the Human GM-CSF, IL-3, and IL-5 Receptors Reveals a Novel Dimer Configuration. Cell, 2001, 104, 291-300.	28.9	97
28	Dawn of the dead: protein pseudokinases signal new adventures in cell biology. Biochemical Society Transactions, 2013, 41, 969-974.	3.4	93
29	Molecular Mechanism of CCAAT-Enhancer Binding Protein Recruitment by the TRIB1 Pseudokinase. Structure, 2015, 23, 2111-2121.	3.3	93
30	Evolutionary divergence of the necroptosis effector MLKL. Cell Death and Differentiation, 2016, 23, 1185-1197.	11.2	93
31	The Pyroptotic Cell Death Effector Gasdermin D Is Activated by Gout-Associated Uric Acid Crystals but Is Dispensable for Cell Death and IL-1Î² Release. Journal of Immunology, 2019, 203, 736-748.	0.8	93
32	Insights into the evolution of divergent nucleotide-binding mechanisms among pseudokinases revealed by crystal structures of human and mouse MLKL. Biochemical Journal, 2014, 457, 369-377.	3.7	92
33	Necroptosis signalling is tuned by phosphorylation of MLKL residues outside the pseudokinase domain activation loop. Biochemical Journal, 2015, 471, 255-265.	3.7	91
34	Live and let die: insights into pseudoenzyme mechanisms from structure. Current Opinion in Structural Biology, 2017, 47, 95-104.	5.7	91
35	Necroptosis induced by RIPK3 requires MLKL but not Drp1. Cell Death and Disease, 2014, 5, e1086-e1086.	6.3	89
36	De novo mutations in SMCHD1 cause Bosma arhinia microphthalmia syndrome and abrogate nasal development. Nature Genetics, 2017, 49, 249-255.	21.4	88

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37	Eph receptor signalling: from catalytic to non-catalytic functions. Oncogene, 2019, 38, 6567-6584.	5.9	88
38	Bio-Zombie: the rise of pseudoenzymes in biology. Biochemical Society Transactions, 2017, 45, 537-544.	3.4	85
39	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 667-681.	5.6	85
40	Smchd1 regulates long-range chromatin interactions on the inactive X chromosome and at Hox clusters. Nature Structural and Molecular Biology, 2018, 25, 766-777.	8.2	84
41	Genome-wide binding and mechanistic analyses of Smchd1-mediated epigenetic regulation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3535-44.	7.1	83
42	Viral MLKL Homologs Subvert Necroptotic Cell Death by Sequestering Cellular RIPK3. Cell Reports, 2019, 28, 3309-3319.e5.	6.4	83
43	Emerging concepts in pseudoenzyme classification, evolution, and signaling. Science Signaling, 2019, 12, .	3.6	80
44	The evolving world of pseudoenzymes: proteins, prejudice and zombies. BMC Biology, 2016, 14, 98.	3.8	78
45	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. Nature Communications, 2020, 11, 3150.	12.8	75
46	ILâ€3, ILâ€5, and GMâ€CSF Signaling: Crystal Structure of the Human Betaâ€Common Receptor. Vitamins and Hormones, 2006, 74, 1-30.	1.7	72
47	More to life than death: molecular determinants of necroptotic and non-necroptotic RIP3 kinase signaling. Current Opinion in Immunology, 2014, 26, 76-89.	5.5	71
48	The secret life of kinases: insights into non-catalytic signalling functions from pseudokinases. Biochemical Society Transactions, 2017, 45, 665-681.	3.4	71
49	The regulation of necroptosis by post-translational modifications. Cell Death and Differentiation, 2021, 28, 861-883.	11.2	70
50	Insane in the membrane: a structural perspective of MLKL function in necroptosis. Immunology and Cell Biology, 2017, 95, 152-159.	2.3	67
51	The brace helices of MLKL mediate interdomain communication and oligomerisation to regulate cell death by necroptosis. Cell Death and Differentiation, 2018, 25, 1567-1580.	11.2	66
52	Regression of devil facial tumour disease following immunotherapy in immunised Tasmanian devils. Scientific Reports, 2017, 7, 43827.	3.3	64
53	Identification of MLKL membrane translocation as a checkpoint in necroptotic cell death using Monobodies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8468-8475.	7.1	64
54	Ferroptosis mediates selective motor neuron death in amyotrophic lateral sclerosis. Cell Death and Differentiation, 2022, 29, 1187-1198.	11.2	63

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55	Critical roles for c-Myb in lymphoid priming and early B-cell development. Blood, 2010, 115, 2796-2805.	1.4	62
56	Regulation of Janus kinases by SOCS proteins. Biochemical Society Transactions, 2013, 41, 1042-1047.	3.4	62
57	Ars Moriendi; the art of dying well â€“ new insights into the molecular pathways of necroptotic cell death. EMBO Reports, 2014, 15, 155-164.	4.5	62
58	An optimized SEC-SAXS system enabling high X-ray dose for rapid SAXS assessment with correlated UV measurements for biomolecular structure analysis. Journal of Applied Crystallography, 2018, 51, 97-111.	4.5	61
59	LymphotoxinÂÎ± induces apoptosis, necroptosis and inflammatory signals with the same potency as tumour necrosis factor. FEBS Journal, 2013, 280, 5283-5297.	4.7	57
60	Smchd1 Targeting to the Inactive X Is Dependent on the Xist-HnrnpK-PRC1 Pathway. Cell Reports, 2018, 25, 1912-1923.e9.	6.4	56
61	The Killer Pseudokinase Mixed Lineage Kinase Domain-Like Protein (MLKL). Cold Spring Harbor Perspectives in Biology, 2020, 12, a036376.	5.5	56
62	Necroptosis is dispensable for motor neuron degeneration in a mouse model of ALS. Cell Death and Differentiation, 2020, 27, 1728-1739.	11.2	56
63	Conformational interconversion of MLKL and disengagement from RIPK3 precede cell death by necroptosis. Nature Communications, 2021, 12, 2211.	12.8	56
64	Location, location, location: A compartmentalized view of TNF-induced necroptotic signaling. Science Signaling, 2021, 14, .	3.6	53
65	Conformational instability of the MARK3 UBA domain compromises ubiquitin recognition and promotes interaction with the adjacent kinase domain. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14336-14341.	7.1	52
66	Thereâ€™s more to death than life: Noncatalytic functions in kinase and pseudokinase signaling. Journal of Biological Chemistry, 2021, 296, 100705.	3.4	52
67	The Epigenetic Regulator SMCHD1 in Development and Disease. Trends in Genetics, 2017, 33, 233-243.	6.7	51
68	Discovery of a Family of Mixed Lineage Kinase Domain-like Proteins in Plants and Their Role in Innate Immune Signaling. Cell Host and Microbe, 2020, 28, 813-824.e6.	11.0	50
69	BAK core dimers bind lipids and can be bridged by them. Nature Structural and Molecular Biology, 2020, 27, 1024-1031.	8.2	49
70	Distinct pseudokinase domain conformations underlie divergent activation mechanisms among vertebrate MLKL orthologues. Nature Communications, 2020, 11, 3060.	12.8	47
71	Human RIPK3 maintains MLKL in an inactive conformation prior to cell death by necroptosis. Nature Communications, 2021, 12, 6783.	12.8	47
72	Activated MLKL attenuates autophagy following its translocation to intracellular membranes. Journal of Cell Science, 2019, 132, .	2.0	45

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73	An Efficient High-Throughput Screening Method for MYST Family Acetyltransferases, a New Class of Epigenetic Drug Targets. Journal of Biomolecular Screening, 2011, 16, 1196-1205.	2.6	43
74	Structurally conserved erythrocyte-binding domain in <i>Plasmodium</i> provides a versatile scaffold for alternate receptor engagement. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E191-200.	7.1	43
75	Cryo-EM structure of an essential Plasmodium vivax invasion complex. Nature, 2018, 559, 135-139.	27.8	43
76	Ubiquitylation of MLKL at lysine 219 positively regulates necroptosis-induced tissue injury and pathogen clearance. Nature Communications, 2021, 12, 3364.	12.8	43
77	Epigenetic Regulator Smchd1 Functions as a Tumor Suppressor. Cancer Research, 2013, 73, 1591-1599.	0.9	42
78	Suppressor of Cytokine Signaling (SOCS) 5 Utilises Distinct Domains for Regulation of JAK1 and Interaction with the Adaptor Protein Shc-1. PLoS ONE, 2013, 8, e70536.	2.5	42
79	PD-L1 Is Not Constitutively Expressed on Tasmanian Devil Facial Tumor Cells but Is Strongly Upregulated in Response to IFN-Î³ and Can Be Expressed in the Tumor Microenvironment. Frontiers in Immunology, 2016, 7, 581.	4.8	41
80	Evolution of Protein Quaternary Structure in Response to Selective Pressure for Increased Thermostability. Journal of Molecular Biology, 2016, 428, 2359-2371.	4.2	40
81	Structure of SgK223 pseudokinase reveals novel mechanisms of homotypic and heterotypic association. Nature Communications, 2017, 8, 1157.	12.8	40
82	The ubiquitylation of IL-1Î² limits its cleavage by caspase-1 and targets it for proteasomal degradation. Nature Communications, 2021, 12, 2713.	12.8	40
83	Post-translational control of RIPK3 and MLKL mediated necroptotic cell death. F1000Research, 2015, 4, 1297.	1.6	40
84	SMCHD1 is involved in<i>de novo</i>methylation of the<i>DUX4</i>-encoding D4Z4 macrosatellite. Nucleic Acids Research, 2019, 47, 2822-2839.	14.5	39
85	Oligomerizationâ€driven MLKL ubiquitylation antagonizes necroptosis. EMBO Journal, 2021, 40, e103718.	7.8	39
86	A toolbox for imaging RIPK1, RIPK3, and MLKL in mouse and human cells. Cell Death and Differentiation, 2021, 28, 2126-2144.	11.2	37
87	A New Isoform of Interleukin-3 Receptor Î± with Novel Differentiation Activity and High Affinity Binding Mode. Journal of Biological Chemistry, 2009, 284, 5763-5773.	3.4	34
88	Structural basis of autoregulatory scaffolding by apoptosis signal-regulating kinase 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2096-E2105.	7.1	34
89	Mechanistic insights into activation and SOCS3-mediated inhibition of myeloproliferative neoplasm-associated JAK2 mutants from biochemical and structural analyses. Biochemical Journal, 2014, 458, 395-405.	3.7	33
90	FSHD2- and BAMS-associated mutations confer opposing effects on SMCHD1 function. Journal of Biological Chemistry, 2018, 293, 9841-9853.	3.4	33

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91	Point mutation in the gene encoding p300 suppresses thrombocytopenia in Mplâˆ'/âˆ' mice. Blood, 2008, 112, 3148-3153.	1.4	32
92	A Novel Functional Epitope Formed by Domains 1 and 4 of the Human Common Î²-Subunit Is Involved in Receptor Activation by Granulocyte Macrophage Colony-stimulating Factor and Interleukin 5. Journal of Biological Chemistry, 2003, 278, 10572-10577.	3.4	31
93	Down the rabbit hole: Is necroptosis truly an innate response to infection?. Cellular Microbiology, 2017, 19, e12750.	2.1	31
94	The anticonvulsive PhenhydanÂ® suppresses extrinsic cell death. Cell Death and Differentiation, 2019, 26, 1631-1645.	11.2	28
95	Necroptosis is dispensable for the development of inflammation-associated or sporadic colon cancer in mice. Cell Death and Differentiation, 2021, 28, 1466-1476.	11.2	28
96	A family harboring an MLKL loss of function variant implicates impaired necroptosis in diabetes. Cell Death and Disease, 2021, 12, 345.	6.3	26
97	The epigenetic regulator Smchd1 contains a functional GHKL-type ATPase domain. Biochemical Journal, 2016, 473, 1733-1744.	3.7	25
98	A bidentate Polycomb Repressive-Deubiquitinase complex is required for efficient activity on nucleosomes. Nature Communications, 2018, 9, 3932.	12.8	25
99	A tale of two domains â€" a structural perspective of the pseudokinase, <scp>MLKL</scp>. FEBS Journal, 2015, 282, 4268-4278.	4.7	24
100	Determination of the Plk4/Sak consensus phosphorylation motif using peptide spots arrays. FEBS Letters, 2007, 581, 77-83.	2.8	23
101	Potent Inhibition of Necroptosis by Simultaneously Targeting Multiple Effectors of the Pathway. ACS Chemical Biology, 2020, 15, 2702-2713.	3.4	22
102	Membrane permeabilization is mediated by distinct epitopes in mouse and human orthologs of the necroptosis effector, MLKL. Cell Death and Differentiation, 2022, 29, 1804-1815.	11.2	22
103	Analysis of the N-terminal region of human MLKL, as well as two distinct MLKL isoforms, reveals new insights into necroptotic cell death. Bioscience Reports, 2016, 36, e00291.	2.4	21
104	Synthesis of Functionalized Piperidinones. Journal of Organic Chemistry, 2003, 68, 2432-2436.	3.2	20
105	The Highway to Hell: A RIP Kinase-Directed Shortcut to Inflammatory Cytokine Production. Immunity, 2016, 45, 1-3.	14.3	20
106	The PEAK family of pseudokinases, their role in cell signalling and cancer. FEBS Journal, 2020, 287, 4183-4197.	4.7	20
107	Interleukin-3 Binding to the Murine Î²IL-3 and Human Î²c Receptors Involves Functional Epitopes Formed by Domains 1 and 4 of Different Protein Chains. Journal of Biological Chemistry, 2004, 279, 26500-26508.	3.4	19
108	The Ig-like domain of human GM-CSF receptor Î± plays a critical role in cytokine binding and receptor activation. Biochemical Journal, 2010, 426, 307-317.	3.7	19

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109	Mitogenâ€activated Tasmanian devil blood mononuclear cells kill devil facial tumour disease cells. Immunology and Cell Biology, 2016, 94, 673-679.	2.3	19
110	The hinge domain of the epigenetic repressor Smchd1 adopts an unconventional homodimeric configuration. Biochemical Journal, 2016, 473, 733-742.	3.7	19
111	Murine Interleukin-3: Structure, Dynamics, and Conformational Heterogeneity in Solution. Biochemistry, 2011, 50, 2464-2477.	2.5	18
112	Structure-based mechanism of preferential complex formation by apoptosis signalâ€"regulating kinases. Science Signaling, 2020, 13, .	3.6	18
113	Phosphorylation by Aurora B kinase regulates caspase-2 activity and function. Cell Death and Differentiation, 2021, 28, 349-366.	11.2	18
114	The web of death: the expanding complexity of necroptotic signaling. Trends in Cell Biology, 2023, 33, 162-174.	7.9	18
115	Laser-mediated rupture of chlamydial inclusions triggers pathogen egress and host cell necrosis. Nature Communications, 2017, 8, 14729.	12.8	17
116	In Vitro JAK Kinase Activity and Inhibition Assays. Methods in Molecular Biology, 2013, 967, 39-55.	0.9	16
117	Functional characterization of c-Mpl ectodomain mutations that underlie congenital amegakaryocytic thrombocytopenia. Growth Factors, 2014, 32, 18-26.	1.7	16
118	Mechanism of NanR gene repression and allosteric induction of bacterial sialic acid metabolism. Nature Communications, 2021, 12, 1988.	12.8	16
119	Techniques to examine nucleotide binding by pseudokinases. Biochemical Society Transactions, 2013, 41, 975-980.	3.4	15
120	Structure and Functional Characterization of the Conserved JAK Interaction Region in the Intrinsically Disordered N-Terminus of SOCS5. Biochemistry, 2015, 54, 4672-4682.	2.5	14
121	Characterization of Ligand Binding to Pseudokinases Using a Thermal Shift Assay. Methods in Molecular Biology, 2017, 1636, 91-104.	0.9	14
122	Characterization of Kinase Target Phosphorylation Consensus Motifs Using Peptide SPOT Arrays. Methods in Molecular Biology, 2009, 570, 187-195.	0.9	13
123	Exchange enhanced sensitivity gain for solvent-exchangeable protons in 2D 1Hâ€"15N heteronuclear correlation spectra acquired with band-selective pulses. Journal of Magnetic Resonance, 2011, 211, 243-247.	2.1	13
124	High Yield Production of a Soluble Human Interleukin-3 Variant from E. coli with Wild-Type Bioactivity and Improved Radiolabeling Properties. PLoS ONE, 2013, 8, e74376.	2.5	13
125	A convenient method for preparation of an engineered mouse interleukin-3 analog with high solubility and wild-type bioactivity. Growth Factors, 2010, 28, 104-110.	1.7	12
126	Crystal structure of the hinge domain of Smchd1 reveals its dimerization mode and nucleic acidâ€"binding residues. Science Signaling, 2020, 13, .	3.6	12

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127	Relating SMCHD1 structure to its function in epigenetic silencing. Biochemical Society Transactions, 2020, 48, 1751-1763.	3.4	12
128	Clarification of the role of N -glycans on the common Î²-subunit of the human IL-3, IL-5 and GM-CSF receptors and the murine IL-3 Î²-receptor in ligand-binding and receptor activation. Cytokine, 2008, 42, 234-242.	3.2	11
129	Rapid Identification of Linear Protein Domain Binding Motifs Using Peptide SPOT Arrays. Methods in Molecular Biology, 2009, 570, 175-185.	0.9	11
130	Identification of a second binding site on the TRIM25 B30.2 domain. Biochemical Journal, 2018, 475, 429-440.	3.7	11
131	Development of NanoLuc-targeting protein degraders and a universal reporter system to benchmark tag-targeted degradation platforms. Nature Communications, 2022, 13, 2073.	12.8	11
132	Structural Studies of FF Domains of the Transcription Factor CA150 Provide Insights into the Organization of FF Domain Tandem Arrays. Journal of Molecular Biology, 2009, 393, 409-424.	4.2	10
133	The Lck inhibitor, AMG-47a, blocks necroptosis and implicates RIPK1 in signalling downstream of MLKL. Cell Death and Disease, 2022, 13, 291.	6.3	10
134	Two Modes of Î²-Receptor Recognition Are Mediated by Distinct Epitopes on Mouse and Human Interleukin-3. Journal of Biological Chemistry, 2010, 285, 22370-22381.	3.4	9
135	Human RIPK3 C-lobe phosphorylation is essential for necroptotic signaling. Cell Death and Disease, 2022, 13, .	6.3	9
136	The necroptotic cell death pathway operates in megakaryocytes, but not in platelet synthesis. Cell Death and Disease, 2021, 12, 133.	6.3	8
137	Granulovirus PK-1 kinase activity relies on a side-to-side dimerization mode centered on the regulatory Î±C helix. Nature Communications, 2021, 12, 1002.	12.8	7
138	1H, 13C and 15N resonance assignments of a highly-soluble murine interleukin-3 analogue with wild-type bioactivity. Biomolecular NMR Assignments, 2010, 4, 73-77.	0.8	6
139	The intracellular domains of the EphB6 and EphA10 receptor tyrosine pseudokinases function as dynamic signalling hubs. Biochemical Journal, 2021, 478, 3351-3371.	3.7	6
140	Structural and functional analysis of target recognition by the lymphocyte adaptor protein LNK. Nature Communications, 2021, 12, 6110.	12.8	6
141	Crystal structure of the mouse interleukin-3 Î²-receptor: insights into interleukin-3 binding and receptor activation. Biochemical Journal, 2014, 463, 393-403.	3.7	5
142	Co-expression of recombinant RIPK3:MLKL complexes using the baculovirus-insect cell system. Methods in Enzymology, 2022, 667, 183-227.	1.0	5
143	Flicking the molecular switch underlying MLKL-mediated necroptosis. Molecular and Cellular Oncology, 2015, 2, e985550.	0.7	3
144	The long-awaited structure of HIPK2. Journal of Biological Chemistry, 2019, 294, 13560-13561.	3.4	3

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145	CHAPTER 13. A Structural Perspective of the Pseudokinome: Defining the Targetable Space. RSC Drug Discovery Series, 2018, , 359-380.	0.3	3
146	Ubiquitylation of RIPK3 beyond-the-RHIM can limit RIPK3 activity and cell death. IScience, 2022, 25, 104632.	4.1	3
147	The Role of Interchain Heterodisulfide Formation in Activation of the Human Common Î² and Mouse Î²IL-3 Receptors. Journal of Biological Chemistry, 2010, 285, 24759-24768.	3.4	2
148	SMCHD1's ubiquitin-like domain is required for N-terminal dimerization and chromatin localization. Biochemical Journal, 2021, 478, 2555-2569.	3.7	2
149	Is E-cigarette Use Associated With Persistence or Discontinuation of Combustible Cigarettes? A 24-Month Longitudinal Investigation in Young Adult Binge Drinkers. Nicotine and Tobacco Research, 2022, 24, 962-969.	2.6	2
150	For Whom the Bell Tolls: The Structure of the Dead Kinase, IRAK3. Structure, 2021, 29, 197-199.	3.3	1
151	Add necroptosis to your asthma action plan. Immunology and Cell Biology, 2021, 99, 800-802.	2.3	1
152	CRISPR deletions in cell lines for reconstitution studies of pseudokinase function. Methods in Enzymology, 2022, 667, 229-273.	1.0	0