

# Dario R Alessi

## List of Publications by Year in descending order

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165  
papers

32,168  
citations

12346

69  
h-index

6711

157  
g-index

231  
all docs

231  
docs citations

231  
times ranked

39668  
citing authors

#	ARTICLE	IF	CITATIONS
1	PolyGR and polyPR knock-in mice reveal a conserved neuroprotective extracellular matrix signature in C9orf72 ALS/FTD neurons. <i>Nature Neuroscience</i> , 2024, 27, 643-655.	14.5	2
2	Digital screening for mental health in pregnancy and postpartum: A systematic review. <i>Archives of Women's Mental Health</i> , 2024, 27, 489-526.	2.8	0
3	Design, Synthesis, DFT, docking Studies, and antimicrobial evaluation of novel benzimidazole containing sulphonamide derivatives. <i>Bioorganic Chemistry</i> , 2024, 149, 107473.	4.2	0
4	Magnetic evolution of Cr <sub>2</sub> Te <sub>3</sub> epitaxially grown on graphene with post-growth annealing. <i>Applied Physics Letters</i> , 2024, 124, .	3.2	0
5	Ternary Sc <sub>2</sub> H <sub>8</sub> Superconductor at Moderate Pressure. <i>Journal of Physical Chemistry C</i> , 2024, 128, 9247-9255.	3.3	1
6	Loss of primary cilia and dopaminergic neuroprotection in pathogenic LRRK2-driven and idiopathic Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	0
7	Insights into an air-stable methylene blue catholyte towards kW-scale practical aqueous organic flow batteries. <i>Energy and Environmental Science</i> , 2023, 16, 231-240.	32.2	22
8	Cell-autonomous immune dysfunction driven by disrupted autophagy in C9orf72-ALS iPSC-derived microglia contributes to neurodegeneration. <i>Science Advances</i> , 2023, 9, .	10.9	17
9	Development of a highly potent and selective degrader of LRRK2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2023, 94, 129449.	2.3	7
10	A blood-based marker of mitochondrial DNA damage in Parkinson's disease. <i>Science Translational Medicine</i> , 2023, 15, .	13.4	22
11	Characteristics of the Maxillofacial Morphology in Patients with Idiopathic Mandibular Condylar Resorption. <i>Journal of Clinical Medicine</i> , 2022, 11, 952.	2.5	7
12	Sequence and structural variations determining the recruitment of WNK kinases to the KLHL3 E3 ligase. <i>Biochemical Journal</i> , 2022, 479, 661-675.	3.8	4
13	Discovery of XL01126: A Potent, Fast, Cooperative, Selective, Orally Bioavailable, and Blood-Brain Barrier Penetrant PROTAC Degradator of Leucine-Rich Repeat Kinase 2. <i>Journal of the American Chemical Society</i> , 2022, 144, 16930-16952.	14.6	74
14	Impact of 100 LRRK2 variants linked to Parkinson's disease on kinase activity and microtubule binding. <i>Biochemical Journal</i> , 2022, 479, 1759-1783.	3.8	65
15	PKC isoforms activate LRRK1 kinase by phosphorylating conserved residues (Ser1064, Ser1074 and) Tj ETQq1 1 0.784314 rgBT /Over	3.8	14
16	The Effects of Pin Profile on HDPE Thermomechanical Phenomena during FSW. <i>Polymers</i> , 2022, 14, 4632.	4.6	18
17	Discussion and Ingredients of Different Types of Tablets: A Comprehensive Review. , 2022, XV, 10-15.		0
18	A plasmid DNA-launched SARS-CoV-2 reverse genetics system and coronavirus toolkit for COVID-19 research. <i>PLoS Biology</i> , 2021, 19, e3001091.	5.4	178

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19	Deciphering the LRRK code: LRRK1 and LRRK2 phosphorylate distinct Rab proteins and are regulated by diverse mechanisms. <i>Biochemical Journal</i> , 2021, 478, 553-578.	3.8	38
20	Clinical Use of Propranolol Reduces Biomarkers of Proliferation in Gastric Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 628613.	2.9	11
21	LRP10 interacts with SORL1 in the intracellular vesicle trafficking pathway in non-neuronal brain cells and localises to Lewy bodies in Parkinson's disease and dementia with Lewy bodies. <i>Acta Neuropathologica</i> , 2021, 142, 117-137.	7.9	19
22	Role of KLHL3 and dietary K <sup>+</sup> in regulating KS-WNK1 expression. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F734-F747.	2.9	12
23	R1441G but not G2019S mutation enhances LRRK2 mediated Rab10 phosphorylation in human peripheral blood neutrophils. <i>Acta Neuropathologica</i> , 2021, 142, 475-494.	7.9	49
24	Interleukin 6 and Cardiovascular Outcomes in Patients With Chronic Kidney Disease and Chronic Coronary Syndrome. <i>JAMA Cardiology</i> , 2021, 6, 1440.	6.5	55
25	Structural basis for the specificity of PPM1H phosphatase for Rab GTPases. <i>EMBO Reports</i> , 2021, 22, e52675.	5.1	15
26	Impact of Type II LRRK2 inhibitors on signaling and mitophagy. <i>Biochemical Journal</i> , 2021, 478, 3555-3573.	3.8	42
27	Development of a multiplexed targeted mass spectrometry assay for LRRK2-phosphorylated Rabs and Ser910/Ser935 biomarker sites. <i>Biochemical Journal</i> , 2021, 478, 299-326.	3.8	40
28	Development of BromoTag: A "Bump-and-Hole" PROTAC System to Induce Potent, Rapid, and Selective Degradation of Tagged Target Proteins. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15477-15502.	6.6	48
29	Pathogenic LRRK2 control of primary cilia and Hedgehog signaling in neurons and astrocytes of mouse brain. <i>ELife</i> , 2021, 10, .	5.9	56
30	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	20.9	563
31	Novel rhodamine probe for colorimetric and fluorescent detection of Fe <sup>3+</sup> ions in aqueous media with cellular imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 242, 118757.	4.0	49
32	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104938.	1.6	25
33	Accurate MS-based Rab10 Phosphorylation Stoichiometry Determination as Readout for LRRK2 Activity in Parkinson's Disease. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1546-1560.	3.9	49
34	Advances in elucidating the function of leucine-rich repeat protein kinase-2 in normal cells and Parkinson's disease. <i>Current Opinion in Cell Biology</i> , 2020, 63, 102-113.	5.6	104
35	Structural Basis for Rab8a Recruitment of RILPL2 via LRRK2 Phosphorylation of Switch 2. <i>Structure</i> , 2020, 28, 406-417.e6.	3.4	66
36	Human Peripheral Blood Neutrophil Isolation for Interrogating the Parkinson's Associated LRRK2 Kinase Pathway by Assessing Rab10 Phosphorylation. <i>Journal of Visualized Experiments</i> , 2020, .	0.3	10

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37	Endogenous Rab29 does not impact basal or stimulated LRRK2 pathway activity. <i>Biochemical Journal</i> , 2020, 477, 4397-4423.	3.8	57
38	Towards stopping land degradation in drylands: Water-saving techniques for cultivating biocrusts in situ. <i>Land Degradation and Development</i> , 2019, 30, 2336-2346.	3.9	26
39	Salt tolerance of cowpea genotypes during seed germination and seedling growth. <i>Journal of the Bangladesh Agricultural University</i> , 2019, 17, 39-44.	0.2	12
40	Membrane association but not identity is required for LRRK2 activation and phosphorylation of Rab GTPases. <i>Journal of Cell Biology</i> , 2019, 218, 4157-4170.	5.2	94
41	Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degradator. <i>ACS Chemical Biology</i> , 2019, 14, 2024-2034.	3.6	74
42	Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degradator. <i>ACS Chemical Biology</i> , 2019, 14, 882-892.	3.6	95
43	The Year in Electrophysiology: Selected Highlights From 2018. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1771-1777.	1.3	3
44	Are most Cataclysmic Variables in Globular Clusters dynamically formed?. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 404-407.	0.0	1
45	The DAQ and control system for the CMS Phase-1 pixel detector upgrade. <i>Journal of Instrumentation</i> , 2019, 14, P10017-P10017.	1.3	4
46	Poly(alkylimidazolium bis(trifluoromethylsulfonyl)imide)-Based Polymerized Ionic Liquids: A Potential High-Performance Lubricating Grease. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801796.	4.1	5
47	Crystal structure of the WD40 domain dimer of LRRK2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1579-1584.	7.6	72
48	Discovery of potent and selective 5-azaindazole inhibitors of leucine-rich repeat kinase 2 (LRRK2) - Part 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 668-673.	2.3	10
49	Phosphoproteomics reveals that the hVPS34 regulated SGK3 kinase specifically phosphorylates endosomal proteins including Syntaxin-7, Syntaxin-12, RFP4 and WDR44. <i>Biochemical Journal</i> , 2019, 476, 3081-3107.	3.8	15
50	Mã©todo nã£o ionizante de rastreamento da escoliose idiopã¡tica do adolescente. <i>Ciencia E Saude Coletiva</i> , 2019, 24, 2765-2765.	1.0	0
51	LRRK2 kinase in Parkinson's disease. <i>Science</i> , 2018, 360, 36-37.	20.9	252
52	Rab29 activation of the Parkinson's disease-associated LRRK2 kinase. <i>EMBO Journal</i> , 2018, 37, 1-18.	8.2	398
53	Could blocking the formation of amyloid channels rescue Alzheimer's phenotype?. <i>EMBO Molecular Medicine</i> , 2018, 10, 7-9.	7.3	4
54	Mechanism of activation of SGK3 by growth factors via the Class 1 and Class 3 PI3Ks. <i>Biochemical Journal</i> , 2018, 475, 117-135.	3.8	34

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55	Development of phospho-specific Rab protein antibodies to monitor <i>in vivo</i> activity of the LRRK2 Parkinson's disease kinase. <i>Biochemical Journal</i> , 2018, 475, 1-22.	3.8	131
56	SINGLE PORT LAPAROSCOPIC-ASSISTED OVARIOHYSTERECTOMY IN 3 RABBITS. <i>Journal of Exotic Pet Medicine</i> , 2018, 27, 21-24.	0.3	9
57	Interrogating Parkinson's disease LRRK2 kinase pathway activity by assessing Rab10 phosphorylation in human neutrophils. <i>Biochemical Journal</i> , 2018, 475, 23-44.	3.8	141
58	A pathway for Parkinson's Disease LRRK2 kinase to block primary cilia and Sonic hedgehog signaling in the brain. <i>ELife</i> , 2018, 7, .	5.9	187
59	Three-Dimensional Real Object Modeling Based on Modified Closest-Point Algorithm for Monitoring in Intelligent Manufacturing. , 2018, , .		0
60	Nigrostriatal pathology with reduced astrocytes in LRRK2 S910/S935 phosphorylation deficient knockin mice. <i>Neurobiology of Disease</i> , 2018, 120, 76-87.	4.5	16
61	LRRK2 is a negative regulator of <i>Mycobacterium tuberculosis</i> phagosome maturation in macrophages. <i>EMBO Journal</i> , 2018, 37, .	8.2	144
62	Correlation of 4- <sup>2</sup> -[methyl- <sup>11</sup> C]-thiothymidine uptake with human equilibrative nucleoside transporter-1 and thymidine kinase-1 expressions in patients with newly diagnosed gliomas. <i>Annals of Nuclear Medicine</i> , 2018, 32, 634-641.	2.2	3
63	LRRK2 activation in idiopathic Parkinson's disease. <i>Science Translational Medicine</i> , 2018, 10, .	13.4	400
64	The Parkinson's disease VPS35 [D620N] mutation enhances LRRK2-mediated Rab protein phosphorylation in mouse and human. <i>Biochemical Journal</i> , 2018, 475, 1861-1883.	3.8	173
65	PP1 Phosphatase Complexes: Undruggable No Longer. <i>Cell</i> , 2018, 174, 1049-1051.	27.8	10
66	Structural and Atropisomeric Factors Governing the Selectivity of Pyrimido-benzodiazepinones as Inhibitors of Kinases and Bromodomains. <i>ACS Chemical Biology</i> , 2018, 13, 2438-2448.	3.6	47
67	Uso de Antioxidantes na Cirurgia Cardiovascular. <i>International Journal of Nutrology</i> , 2018, 11, .	0.1	0
68	Pengaruh Optimisme, Dukungan Sosial, dan Faktor Demografis Terhadap Kesejahteraan Subjektif pada Perawat. <i>Jurnal Pengukuran Psikologi Dan Pendidikan Indonesia (JP3I)</i> , 2018, 6, .	0.1	2
69	Challenges and Driving Forces for Business Plans in Biobanking. <i>Biopreservation and Biobanking</i> , 2017, 15, 121-125.	1.2	20
70	Regulation of membrane ruffling by polarized STIM1 and ORAI1 in cortactin-rich domains. <i>Scientific Reports</i> , 2017, 7, 383.	3.4	23
71	Small-Molecule Inhibitors of LRRK2. <i>Advances in Neurobiology</i> , 2017, 14, 241-264.	0.0	32
72	B-cell-intrinsic function of TAPP adaptors in controlling germinal center responses and autoantibody production in mice. <i>European Journal of Immunology</i> , 2017, 47, 280-290.	3.3	10

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73	Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. <i>Nature Communications</i> , 2017, 8, 830.	13.2	191
74	USP7 small-molecule inhibitors interfere with ubiquitin binding. <i>Nature</i> , 2017, 550, 534-538.	36.2	273
75	Vomocytosis of live pathogens from macrophages is regulated by the atypical MAP kinase ERK5. <i>Science Advances</i> , 2017, 3, e1700898.	10.9	47
76	Systematic proteomic analysis of LRRK2-mediated Rab GTPase phosphorylation establishes a connection to ciliogenesis. <i>ELife</i> , 2017, 6, .	5.9	374
77	Multidisciplinary treatment of colorectal liver metastases. <i>Minerva Medica</i> , 2017, 108, 527-546.	0.9	12
78	Phosphoproteomics reveals that Parkinson's disease kinase LRRK2 regulates a subset of Rab GTPases. <i>ELife</i> , 2016, 5, .	5.9	818
79	The hVps34â€•<sc>SGK</sc> 3 pathway alleviates sustained PI3K/Akt inhibition by stimulating <sc>mTORC</sc> 1 and tumour growth. <i>EMBO Journal</i> , 2016, 35, 1902-1922.	8.2	78
80	PDK1-SGK1 Signaling Sustains AKT-Independent mTORC1 Activation and Confers Resistance to PI3K Inhibition. <i>Cancer Cell</i> , 2016, 30, 229-242.	16.8	193
81	Functional kinomics establishes a critical node of volume-sensitive cation-Cl <sup>-</sup> cotransporter regulation in the mammalian brain. <i>Scientific Reports</i> , 2016, 6, 35986.	3.4	39
82	Combined deletion of cathepsin protease family members reveals compensatory mechanisms in cancer. <i>Genes and Development</i> , 2016, 30, 220-232.	5.9	52
83	PICASSO, COUPP and PICO - search for dark matter with bubble chambers. <i>EPJ Web of Conferences</i> , 2015, 95, 04020.	0.3	8
84	Clustering scenes in cooking video guided by object access. , 2015, , .		1
85	<sc>USP</sc> 45 deubiquitylase controls <sc>ERCC</sc> 1â€• <sc>XPF</sc> endonucleaseâ€•mediated <sc>DNA</sc> damage responses. <i>EMBO Journal</i> , 2015, 34, 326-343.	8.2	50
86	Phosphorylation of Synaptic Vesicle Protein 2A at Thr84 by Casein Kinase 1 Family Kinases Controls the Specific Retrieval of Synaptotagmin-1. <i>Journal of Neuroscience</i> , 2015, 35, 2492-2507.	3.8	74
87	Critical role of the SPAK protein kinase CCT domain in controlling blood pressure. <i>Human Molecular Genetics</i> , 2015, 24, 4545-4558.	3.0	36
88	Photoactivatable Prodrugs of Antimelanoma Agent Vemurafenib. <i>ACS Chemical Biology</i> , 2015, 10, 2099-2107.	3.6	55
89	Structural Characterization of LRRK2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3751-3756.	6.6	37
90	Discovery of a Pyrrolopyrimidine (JH-II-127), a Highly Potent, Selective, and Brain Penetrant LRRK2 Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 584-589.	3.1	50

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91	602 Elevation in Liver Transaminase (ALT-flares) in Transplant (TX) Recipients: Risk factors and Consequences. <i>Open Forum Infectious Diseases</i> , 2014, 1, S26-S26.	0.9	0
92	Kinase and channel activity of TRPM6 are co-ordinated by a dimerization motif and pocket interaction. <i>Biochemical Journal</i> , 2014, 460, 165-175.	3.8	15
93	The WNK-regulated SPAK/OSR1 kinases directly phosphorylate and inhibit the K <sup>+</sup> Cl <sup>-</sup> co-transporters. <i>Biochemical Journal</i> , 2014, 458, 559-573.	3.8	179
94	Structural and biochemical characterization of the KLHL3-WNK kinase interaction important in blood pressure regulation. <i>Biochemical Journal</i> , 2014, 460, 237-246.	3.8	68
95	Investigation of LKB1 Ser431 phosphorylation and Cys433 farnesylation using mouse knockin analysis reveals an unexpected role of prenylation in regulating AMPK activity. <i>Biochemical Journal</i> , 2014, 458, 41-56.	3.8	48
96	The WNK-SPAK/OSR1 pathway: Master regulator of cation-chloride cotransporters. <i>Science Signaling</i> , 2014, 7, re3.	5.1	220
97	Characterization of VPS34-IN1, a selective inhibitor of Vps34, reveals that the phosphatidylinositol 3-phosphate-binding SGK3 protein kinase is a downstream target of class III phosphoinositide 3-kinase. <i>Biochemical Journal</i> , 2014, 463, 413-427.	3.8	247
98	Interplay between Polo kinase, LKB1-activated NUA1 kinase, PP1 <sup>2</sup> MYPT1 phosphatase complex and the SCF <sup>1</sup> TrCP E3 ubiquitin ligase. <i>Biochemical Journal</i> , 2014, 461, 233-245.	3.8	22
99	IC-P-121: CARDIORESPIRATORY FITNESS IS ASSOCIATED WITH BRAIN STRUCTURE, COGNITION, AND MOOD IN A MIDDLE-AGED COHORT AT RISK FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2014, 10, P69-P69.	0.7	0
100	P3-202: BRAIN STRUCTURE IN OLD MONGOLIANS AND CAUCASIANS. <i>Alzheimer's and Dementia</i> , 2014, 10, P704-P704.	0.7	0
101	Structural determinants for ERK5 (MAPK7) and leucine rich repeat kinase 2 activities of benzo[e]pyrimido-[5,4-b]diazepine-6(11H)-ones. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 758-767.	5.7	45
102	Relapse in medulloblastoma: what can be done after abandoning high-dose chemotherapy? A mono-institutional experience. <i>Child's Nervous System</i> , 2013, 29, 1107-1112.	1.1	14
103	Elevated SGK1 predicts resistance of breast cancer cells to Akt inhibitors. <i>Biochemical Journal</i> , 2013, 452, 499-508.	3.8	142
104	Comprehensive characterization and optimization of anti-LRRK2 (leucine-rich repeat kinase 2) monoclonal antibodies. <i>Biochemical Journal</i> , 2013, 453, 101-113.	3.8	89
105	The CUL3-KLHL3 E3 ligase complex mutated in Gordon's hypertension syndrome interacts with and ubiquitylates WNK isoforms: disease-causing mutations in KLHL3 and WNK4 disrupt interaction. <i>Biochemical Journal</i> , 2013, 451, 111-122.	3.8	183
106	Disruption Of The Hematopoietic Stem and Progenitor Cell Pool and Bone Marrow Microenvironment In a Murine Model Of Myelodysplastic Syndrome. <i>Blood</i> , 2013, 122, 2756-2756.	1.4	0
107	Critical Roles Of The IDH2 Mutation In Development and Maintenance Of Acute Myeloid Leukemia. <i>Blood</i> , 2013, 122, 225-225.	1.4	1
108	SPAK/OSR1 regulate NKCC1 and WNK activity: analysis of WNK isoform interactions and activation by T-loop trans-autophosphorylation. <i>Biochemical Journal</i> , 2012, 441, 325-337.	3.8	120

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109	Akt is efficiently activated by PIF-pocket- and PtdIns(3,4,5)-dependent mechanisms leading to resistance to PDK1 inhibitors. <i>Biochemical Journal</i> , 2012, 448, 285-295.	3.8	61
110	GSK2578215A; A potent and highly selective 2-arylmethoxy-5-substituent-N-arylbenzamide LRRK2 kinase inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5625-5629.	2.3	140
111	Brain Penetrant LRRK2 Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 658-662.	3.1	122
112	The I $\kappa$ B Kinase Family Phosphorylates the Parkinson's Disease Kinase LRRK2 at Ser935 and Ser910 during Toll-Like Receptor Signaling. <i>PLoS ONE</i> , 2012, 7, e39132.	2.5	188
113	Protor-1 is required for efficient mTORC2-mediated activation of SGK1 in the kidney. <i>Biochemical Journal</i> , 2011, 436, 169-179.	3.8	163
114	Characterization of a selective inhibitor of the Parkinson's disease kinase LRRK2. <i>Nature Chemical Biology</i> , 2011, 7, 203-205.	8.0	386
115	Measurement of photon production in the very forward direction in deep-inelastic scattering at HERA. <i>European Physical Journal C</i> , 2011, 71, 1.	4.0	9
116	Characterization of GSK2334470, a novel and highly specific inhibitor of PDK1. <i>Biochemical Journal</i> , 2011, 433, 357-369.	3.8	130
117	14-3-3 binding to LRRK2 is disrupted by multiple Parkinson's disease-associated mutations and regulates cytoplasmic localization. <i>Biochemical Journal</i> , 2010, 430, 393-404.	3.8	367
118	Inhibition of LRRK2 kinase activity leads to dephosphorylation of Ser910/Ser935, disruption of 14-3-3 binding and altered cytoplasmic localization. <i>Biochemical Journal</i> , 2010, 430, 405-413.	3.8	363
119	The nuts and bolts of AGC protein kinases. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 9-22.	37.3	1,159
120	Phosphorylation of STIM1 at ERK1/2 target sites modulates store-operated calcium entry. <i>Journal of Cell Science</i> , 2010, 123, 3084-3093.	2.1	108
121	REACTIVACION DE LA INDUSTRIA ARGENTINA, CONCENTRACI"N, EXTRANJERIZACI"N Y CRECIENTES DESEQUILIBRIOS COMERCIALES CON BRASIL. <i>Cadernos Prolam/USP</i> , 2010, 9, 128.	0.0	0
122	New Insights into mTOR Signaling: mTORC2 and Beyond. <i>Science Signaling</i> , 2009, 2, pe27.	5.1	161
123	Treatment of symptomatic transplant glomerulopathy with rituximab. <i>Transplant International</i> , 2009, 22, 906-913.	1.8	26
124	Ku-0063794 is a specific inhibitor of the mammalian target of rapamycin (mTOR). <i>Biochemical Journal</i> , 2009, 421, 29-42.	3.8	441
125	Substrate specificity and inhibitors of LRRK2, a protein kinase mutated in Parkinson's disease. <i>Biochemical Journal</i> , 2009, 424, 47-60.	3.8	188
126	Structure of the OSR1 kinase, a hypertension drug target. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 1082-1087.	3.2	40



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127	mTOR complex 2 (mTORC2) controls hydrophobic motif phosphorylation and activation of serum- and glucocorticoid-induced protein kinase 1 (SGK1). <i>Biochemical Journal</i> , 2008, 416, 375-385.	3.8	824
128	The regulation of salt transport and blood pressure by the WNK-SPAK/OSR1 signalling pathway. <i>Journal of Cell Science</i> , 2008, 121, 3293-3304.	2.1	267
129	Use of Akt Inhibitor and a Drug-resistant Mutant Validates a Critical Role for Protein Kinase B/Akt in the Insulin-dependent Regulation of Glucose and System A Amino Acid Uptake. <i>Journal of Biological Chemistry</i> , 2008, 283, 27653-27667.	3.5	96
130	The selectivity of protein kinase inhibitors: a further update. <i>Biochemical Journal</i> , 2007, 408, 297-315.	3.8	2,307
131	LRRK2 phosphorylates moesin at threonine-558: characterization of how Parkinson's disease mutants affect kinase activity. <i>Biochemical Journal</i> , 2007, 405, 307-317.	3.8	473
132	Characterization of follistatin-related gene as a negative regulatory factor for activin family members during mouse heart development. <i>Journal of Medical Investigation</i> , 2007, 54, 276-288.	0.5	20
133	Structural insights into the recognition of substrates and activators by the OSR1 kinase. <i>EMBO Reports</i> , 2007, 8, 839-845.	5.1	91
134	Acid Rain in Downtown São Paulo City, Brazil. , 2007, , 85-92.		1
135	LKB1-Dependent Signaling Pathways. <i>Annual Review of Biochemistry</i> , 2006, 75, 137-163.	11.2	719
136	CHARACTERISTICS OF FINE SEDIMENT DISCHARGE DURING SEDIMENT FLUSHING OF UNAZUKI DAM. <i>Proceedings of Hydraulic Engineering</i> , 2006, 50, 913-918.	0.0	4
137	The WNK1 and WNK4 protein kinases that are mutated in Gordon's hypertension syndrome phosphorylate and activate SPAK and OSR1 protein kinases. <i>Biochemical Journal</i> , 2005, 391, 17-24.	3.8	451
138	In vivo role of the phosphate groove of PDK1 defined by knockin mutation. <i>Journal of Cell Science</i> , 2005, 118, 5023-5034.	2.1	42
139	Mental illness in a general hospital's family medicine clinic in Taiwan. <i>Psychiatry and Clinical Neurosciences</i> , 2004, 58, 544-550.	2.3	12
140	Allocentric Spatial Memory Activation of the Hippocampal Formation Measured With fMRI.. <i>Neuropsychology</i> , 2004, 18, 450-461.	1.2	103
141	PDK1, the master regulator of AGC kinase signal transduction. <i>Seminars in Cell and Developmental Biology</i> , 2004, 15, 161-170.	5.4	726
142	In vivo role of the PIF-binding docking site of PDK1 defined by knock-in mutation. <i>EMBO Journal</i> , 2003, 22, 4202-4211.	8.2	167
143	Phosphoprotein Analysis Using Antibodies Broadly Reactive against Phosphorylated Motifs. <i>Journal of Biological Chemistry</i> , 2002, 277, 39379-39387.	3.5	239
144	Signal Transduction Downstream of PI 3-kinase. <i>Biochemical Society Transactions</i> , 2001, 29, A59-A59.	3.4	0

#	ARTICLE	IF	CITATIONS
145	Crystal structure of the phosphatidylinositol 3,4-bisphosphate-binding pleckstrin homology (PH) domain of tandem PH-domain-containing protein 1 (TAPP1): molecular basis of lipid specificity. <i>Biochemical Journal</i> , 2001, 358, 287-294.	3.8	87
146	Lithium inhibits caspase 3 activation and dephosphorylation of PKB and GSK3 induced by K <sup>+</sup> deprivation in cerebellar granule cells. <i>Journal of Neurochemistry</i> , 2001, 78, 199-206.	4.0	87
147	Formation of Zeolites in Open Hydrologic Systems. <i>Reviews in Mineralogy and Geochemistry</i> , 2001, 45, 261-275.	5.0	38
148	The PI3K-PDK1 connection: more than just a road to PKB. <i>Biochemical Journal</i> , 2000, 346, 561-576.	3.8	1,394
149	Partial purification and characterization of a wortmannin-sensitive and insulin-stimulated protein kinase that activates heart 6-phosphofructo-2-kinase. <i>Biochemical Journal</i> , 2000, 347, 305-312.	3.8	29
150	Functional counterparts of mammalian protein kinases PDK1 and SGK in budding yeast. <i>Current Biology</i> , 1999, 9, 186-S4.	4.0	257
151	DAPP1: a dual adaptor for phosphotyrosine and 3-phosphoinositides. <i>Biochemical Journal</i> , 1999, 342, 7-12.	3.8	150
152	Suppression of cAMP/dexamethasone induced glucose-6-phosphatase gene transcription by insulin. <i>Biochemical Society Transactions</i> , 1999, 27, A106-A106.	3.4	0
153	Mammalian target of rapamycin is a direct target for protein kinase B: identification of a convergence point for opposing effects of insulin and amino-acid deficiency on protein translation. <i>Biochemical Journal</i> , 1999, 344, 427-431.	3.8	801
154	Fabrication of Cu/Al <sub>2</sub> O <sub>3</sub> /Cu Symmetrical Functionally Graded Material by Spark Plasma Sintering Process.. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 1998, 45, 220-224.	0.1	13
155	Activation of protein kinase B $\beta$ and $\gamma$ isoforms by insulin in vivo and by 3-phosphoinositide-dependent protein kinase-1 in vitro: comparison with protein kinase B $\alpha$ . <i>Biochemical Journal</i> , 1998, 331, 299-308.	3.8	271
156	Characterization of a 3-phosphoinositide-dependent protein kinase which phosphorylates and activates protein kinase B $\alpha$ . <i>Current Biology</i> , 1997, 7, 261-269.	4.0	2,635
157	3-Phosphoinositide-dependent protein kinase-1 (PDK1): structural and functional homology with the <i>Drosophila</i> DSTPK61 kinase. <i>Current Biology</i> , 1997, 7, 776-789.	4.0	696
158	Specific binding of the Akt-1 protein kinase to phosphatidylinositol 3,4,5-trisphosphate without subsequent activation. <i>Biochemical Journal</i> , 1996, 315, 709-713.	3.8	317
159	Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B. <i>Nature</i> , 1995, 378, 785-789.	36.2	4,733
160	Is Moderate Drinking during Pregnancy Associated with an Increased Risk for Malformations?. <i>Obstetrical and Gynecological Survey</i> , 1988, 43, 285-286.	0.4	0
161	Changes in out-of-pocket payments on utilisation of health care services. <i>The Cochrane Library</i> , 0, , .	2.8	0
162	A feed-forward pathway drives LRRK2 kinase membrane recruitment and activation. <i>ELife</i> , 0, 11, .	5.9	40

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163	Comparative analysis of nine <i>Tilletia indica</i> genomes for the development of novel microsatellite markers for genetic diversity and population structure analysis. <i>Frontiers in Microbiology</i> , 0, 14, .	3.6	1
164	Genome-wide screen reveals Rab12 GTPase as a critical activator of Parkinsonâ€™s disease-linked LRRK2 kinase. <i>ELife</i> , 0, 12, .	5.9	17
165	Parametric Evaluation of a Single Cylinder Diesel Engine Fueled with Goat-Urine Emulsified Diesel. <i>Arabian Journal for Science and Engineering</i> , 0, , .	3.1	0