

# David B Sacks

## List of Publications by Citations

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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.

207 papers	13,815 citations	63 h-index	113 g-index
227 ext. papers	15,594 ext. citations	6.9 avg, IF	6.62 L-index

#	Paper	IF	Citations
207	Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 436-472	5.5	659
206	The calcium-sensing receptor regulates the NLRP3 inflammasome through Ca <sup>2+</sup> and cAMP. <i>Nature</i> , <b>2012</b> , 492, 123-7	50.4	584
205	Reciprocal regulation of endothelial nitric-oxide synthase by Ca <sup>2+</sup> -calmodulin and caveolin. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 15583-6	5.4	458
204	Tests of glycemia in diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27, 1761-73	14.6	432
203	Effects of Hemoglobin Variants and Chemically Modified Derivatives on Assays for Glycohemoglobin. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 153-163	5.5	404
202	Trends in prevalence and control of diabetes in the United States, 1988-1994 and 1999-2010. <i>Annals of Internal Medicine</i> , <b>2014</b> , 160, 517-25	8	376
201	Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 2240-2252	59.2	363
200	Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Diabetes Care</i> , <b>2011</b> , 34, e61-99	14.6	316
199	A new look at screening and diagnosing diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 2447-53	5.6	305
198	Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Clinical Chemistry</i> , <b>2011</b> , 57, e1-e47	5.5	293
197	A1C versus glucose testing: a comparison. <i>Diabetes Care</i> , <b>2011</b> , 34, 518-23	14.6	284
196	Predictive value of cardiac troponin T in pediatric patients at risk for myocardial injury. <i>Circulation</i> , <b>1997</b> , 96, 2641-8	16.7	274
195	IQGAP proteins are integral components of cytoskeletal regulation. <i>EMBO Reports</i> , <b>2003</b> , 4, 571-4	6.5	241
194	IQGAP1 in cellular signaling: bridging the GAP. <i>Trends in Cell Biology</i> , <b>2006</b> , 16, 242-9	18.3	228
193	IQGAPs in cancer: a family of scaffold proteins underlying tumorigenesis. <i>FEBS Letters</i> , <b>2009</b> , 583, 1817-24	3.8	227
192	Glucose Management Indicator (GMI): A New Term for Estimating A1C From Continuous Glucose Monitoring. <i>Diabetes Care</i> , <b>2018</b> , 41, 2275-2280	14.6	215
191	Status of hemoglobin A1c measurement and goals for improvement: from chaos to order for improving diabetes care. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 205-14	5.5	212

190	Dephosphorylation of the nuclear factor of activated T cells (NFAT) transcription factor is regulated by an RNA-protein scaffold complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 11381-6	11.5	203
189	Protein scaffolds in MAP kinase signalling. <i>Cellular Signalling</i> , <b>2009</b> , 21, 462-9	4.9	194
188	Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 436-72	5.5	187
187	IQGAP1 is a scaffold for mitogen-activated protein kinase signaling. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 7940-52	4.8	179
186	E-cadherin-mediated cell-cell attachment activates Cdc42. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 36999-7005	5.4	176
185	IQGAP1 integrates Ca <sup>2+</sup> /calmodulin and Cdc42 signaling. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 464-70	5.4	172
184	IQGAP1 binds ERK2 and modulates its activity. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 17329-37	5.4	166
183	Prognostic value of cardiac troponin T after noncardiac surgery: 6-month follow-up data. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 29, 1241-5	15.1	164
182	IQGAP1 and its binding proteins control diverse biological functions. <i>Cellular Signalling</i> , <b>2012</b> , 24, 826-34	4.9	162
181	IQGAP1 promotes cell motility and invasion. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 41237-45	5.4	161
180	The IFCC Reference Measurement System for HbA1c: a 6-year progress report. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 240-8	5.5	146
179	Calmodulin activates phosphatidylinositol 3-kinase. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 28183-6	5.4	137
178	The biology of IQGAP proteins: beyond the cytoskeleton. <i>EMBO Reports</i> , <b>2015</b> , 16, 427-46	6.5	124
177	IQGAP1 modulates activation of B-Raf. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 10465-9	11.5	124
176	IQGAP1 and calmodulin modulate E-cadherin function. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 37885-92	5.4	121
175	Tight glucose control in the intensive care unit: are glucose meters up to the task?. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 18-20	5.5	120
174	IQGAP1 is a component of Cdc42 signaling to the cytoskeleton. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 24753-63	5.4	120
173	Calmodulin modulates the interaction between IQGAP1 and Cdc42. Identification of IQGAP1 by nanoelectrospray tandem mass spectrometry. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 15419-25	5.4	119

172	IQGAP1 as signal integrator: Ca <sup>2+</sup> , calmodulin, Cdc42 and the cytoskeleton. <i>FEBS Letters</i> , <b>2003</b> , 542, 7-13.	3.8	112
171	IQGAP1 stimulates proliferation and enhances tumorigenesis of human breast epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 1008-17	5.4	111
170	Executive summary. The National Academy of Clinical Biochemistry Laboratory Medicine Practice Guideline: evidence-based practice for point-of-care testing. <i>Clinica Chimica Acta</i> , <b>2007</b> , 379, 14-28; discussion 29-30	6.2	111
169	Position statement executive summary: guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Diabetes Care</i> , <b>2011</b> , 34, 1419-23	14.6	101
168	The Salmonella SPI2 effector SseI mediates long-term systemic infection by modulating host cell migration. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000671	7.6	97
167	Troponin T as a marker for myocardial ischemia in patients undergoing major noncardiac surgery. <i>American Journal of Cardiology</i> , <b>1996</b> , 77, 1031-6	3	96
166	The surveillance error grid. <i>Journal of Diabetes Science and Technology</i> , <b>2014</b> , 8, 658-72	4.1	95
165	Role of Glycated Proteins in the Diagnosis and Management of Diabetes: Research Gaps and Future Directions. <i>Diabetes Care</i> , <b>2016</b> , 39, 1299-306	14.6	94
164	IQGAP1-mediated stimulation of transcriptional co-activation by beta-catenin is modulated by calmodulin. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 7453-65	5.4	92
163	IQGAPs choreograph cellular signaling from the membrane to the nucleus. <i>Trends in Cell Biology</i> , <b>2015</b> , 25, 171-84	18.3	89
162	Measurement of hemoglobin A(1c): a new twist on the path to harmony. <i>Diabetes Care</i> , <b>2012</b> , 35, 2674-80.	14.6	83
161	Monoclonal antibody to calmodulin: development, characterization, and comparison with polyclonal anti-calmodulin antibodies. <i>Analytical Biochemistry</i> , <b>1991</b> , 194, 369-77	3.1	83
160	Executive summary: guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 793-8	5.5	82
159	Association of Sickle Cell Trait With Hemoglobin A1c in African Americans. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 317, 507-515	27.4	81
158	HbA1c: how do we measure it and what does it mean?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2009</b> , 16, 113-8	4	80
157	Global standardization of glycated hemoglobin measurement: the position of the IFCC Working Group. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2007</b> , 45, 1077-80	5.9	80
156	Identification of a conserved negative regulatory sequence that influences the leukemogenic activity of NOTCH1. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 6261-71	4.8	76
155	Elucidation of the interaction of calmodulin with the IQ motifs of IQGAP1. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 4347-52	5.4	74

154	IQGAP1-dependent signaling pathway regulates endothelial cell proliferation and angiogenesis. <i>PLoS ONE</i> , <b>2008</b> , 3, e3848	3.7	74
153	The pathogenesis of type II diabetes mellitus. A polygenic disease. <i>American Journal of Clinical Pathology</i> , <b>1996</b> , 105, 149-56	1.9	70
152	E6AP and calmodulin reciprocally regulate estrogen receptor stability. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 1978-85	5.4	69
151	Transcriptional activity and DNA binding of heat shock factor-1 involve phosphorylation on threonine 142 by CK2. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 303, 700-6	3.4	67
150	IQGAP1 promotes neurite outgrowth in a phosphorylation-dependent manner. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 13871-8	5.4	67
149	Agonist-stimulated phosphatidylinositol-3,4,5-trisphosphate generation by scaffolded phosphoinositide kinases. <i>Nature Cell Biology</i> , <b>2016</b> , 18, 1324-1335	23.4	66
148	MAPK scaffold IQGAP1 binds the EGF receptor and modulates its activation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 15010-21	5.4	66
147	Detection of unsuspected myocardial necrosis by rapid bedside assay for cardiac troponin T. <i>American Heart Journal</i> , <b>1997</b> , 133, 596-8	4.9	66
146	Both calmodulin and the unconventional myosin Myr4 regulate membrane trafficking along the recycling pathway of MDCK cells. <i>Traffic</i> , <b>2000</b> , 1, 494-503	5.7	66
145	Self-association of IQGAP1: characterization and functional sequelae. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 34548-57	5.4	54
144	Time to positivity of a rapid bedside assay for cardiac-specific troponin T predicts prognosis in acute coronary syndromes: a Thrombolysis in Myocardial Infarction (TIMI) 11A substudy. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 31, 326-30	15.1	53
143	Investigation of 2 models to set and evaluate quality targets for hb a1c: biological variation and sigma-metrics. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 752-9	5.5	52
142	Calmodulin antagonists inhibit insulin-stimulated GLUT4 (glucose transporter 4) translocation by preventing the formation of phosphatidylinositol 3,4,5-trisphosphate in 3T3L1 adipocytes. <i>Molecular Endocrinology</i> , <b>2000</b> , 14, 317-26		51
141	Ca <sup>2+</sup> regulates calmodulin binding to IQ motifs in IRS-1. <i>Biochemistry</i> , <b>1996</b> , 35, 15883-9	3.2	51
140	IQGAP1 binds Rap1 and modulates its activity. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 20752-62	5.4	50
139	Calmodulin enhances the stability of the estrogen receptor. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 17354-60	5.4	48
138	IQGAP1 and IQGAP2 are reciprocally altered in hepatocellular carcinoma. <i>BMC Gastroenterology</i> , <b>2010</b> , 10, 125	3	47
137	The IQGAP1-Rac1 and IQGAP1-Cdc42 interactions: interfaces differ between the complexes. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 1692-1704	5.4	47

136	Calmodulin binds to p21(Cip1) and is involved in the regulation of its nuclear localization. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 24445-8	5.4	45
135	Wnt5a directs polarized calcium gradients by recruiting cortical endoplasmic reticulum to the cell trailing edge. <i>Developmental Cell</i> , <b>2013</b> , 26, 645-57	10.2	44
134	Establishment of Community-Based Reference Intervals for Fructosamine, Glycated Albumin, and 1,5-Anhydroglucitol. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 843-850	5.5	42
133	IQGAP1 regulates Salmonella invasion through interactions with actin, Rac1, and Cdc42. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 30265-72	5.4	42
132	IQGAP1 is a novel phosphatidylinositol 4,5 bisphosphate effector in regulation of directional cell migration. <i>EMBO Journal</i> , <b>2013</b> , 32, 2617-30	13	41
131	Physical and functional interaction of androgen receptor with calmodulin in prostate cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 464-9	11.5	41
130	Identification and characterization of the Cdc42-binding site of IQGAP1. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 305, 315-21	3.4	41
129	Calmodulin-specific monoclonal antibodies inhibit DNA replication in mammalian cells. <i>Biochemistry</i> , <b>1992</b> , 31, 10426-30	3.2	41
128	The National Glycohemoglobin Standardization Program: Over 20 Years of Improving Hemoglobin A Measurement. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 839-848	5.5	41
127	Arrestin2 regulates lysophosphatidic acid-induced human breast tumor cell migration and invasion via Rap1 and IQGAP1. <i>PLoS ONE</i> , <b>2013</b> , 8, e56174	3.7	40
126	Calmodulin phosphorylation and modulation of endothelial nitric oxide synthase catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 1165-70	11.5	39
125	The transcriptional activity of estrogen receptor-alpha is dependent on Ca <sup>2+</sup> /calmodulin. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 13097-104	5.4	38
124	Detection of abnormal glucose tolerance in Africans is improved by combining A1C with fasting glucose: the Africans in America Study. <i>Diabetes Care</i> , <b>2015</b> , 38, 213-9	14.6	37
123	IQGAP1 integrates Ca <sup>2+</sup> /calmodulin and B-Raf signaling. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 22973-82	3.4	37
122	Phosphorylation of calmodulin by the epidermal-growth-factor-receptor tyrosine kinase. <i>FEBS Journal</i> , <b>1994</b> , 224, 909-16		37
121	Actin pedestal formation by enteropathogenic Escherichia coli is regulated by IQGAP1, calcium, and calmodulin. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35212-22	5.4	36
120	The effect of IQGAP1 on Xenopus embryonic ectoderm requires Cdc42. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 48425-30	5.4	36
119	Interpretation of hemoglobin A1c values. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 311, 2271-2	27.4	35

118	Structural basis for Ca <sup>2+</sup> -induced activation and dimerization of estrogen receptor by calmodulin. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 9336-44	5.4	33
117	EurA1c: The European HbA1c Trial to Investigate the Performance of HbA1c Assays in 2166 Laboratories across 17 Countries and 24 Manufacturers by Use of the IFCC Model for Quality Targets. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 1183-1192	5.5	32
116	Diagnosis of gestational diabetes mellitus: it is time for international consensus. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 141-3	5.5	32
115	A1C Combined With Glycated Albumin Improves Detection of Prediabetes in Africans: The Africans in America Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 271-7	14.6	32
114	IQGAP1 in microbial pathogenesis: Targeting the actin cytoskeleton. <i>FEBS Letters</i> , <b>2011</b> , 585, 723-9	3.8	32
113	Proteomic analysis of ischemia-reperfusion injury upon human liver transplantation reveals the protective role of IQGAP1. <i>Molecular and Cellular Proteomics</i> , <b>2006</b> , 5, 1300-13	7.6	32
112	IQGAP1 mediates the disruption of adherens junctions to promote Escherichia coli K1 invasion of brain endothelial cells. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 1415-33	3.9	31
111	Hepatocyte growth factor-induced Asef-IQGAP1 complex controls cytoskeletal remodeling and endothelial barrier. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 4097-109	5.4	31
110	IQGAP1 regulates endothelial barrier function via EB1-cortactin cross talk. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 3546-58	4.8	31
109	Dkk-1 inhibits intestinal epithelial cell migration by attenuating directional polarization of leading edge cells. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 4816-25	3.5	31
108	Multiple proteins mediate IQGAP1-stimulated cell migration. <i>Cellular Signalling</i> , <b>2007</b> , 19, 1857-65	4.9	31
107	Identification of insulin-stimulated phosphorylation sites on calmodulin. <i>Biochemistry</i> , <b>1996</b> , 35, 6267-75	3.2	31
106	Hemoglobin A1c in diabetes: panacea or pointless?. <i>Diabetes</i> , <b>2013</b> , 62, 41-3	0.9	30
105	AKAP220 protein organizes signaling elements that impact cell migration. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 39269-81	5.4	30
104	The Ras GTPase-activating-like protein IQGAP1 mediates Nrf2 protein activation via the mitogen-activated protein kinase/extracellular signal-regulated kinase (ERK) kinase (MEK)-ERK pathway. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 22378-86	5.4	29
103	IQGAP1 protein binds human epidermal growth factor receptor 2 (HER2) and modulates trastuzumab resistance. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 29734-47	5.4	29
102	IQGAP1 binds to estrogen receptor- $\alpha$ and modulates its function. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 9100-12	5.4	28
101	Identification and functional studies of a new Nrf2 partner IQGAP1: a critical role in the stability and transactivation of Nrf2. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 89-101	8.4	26



100	Implications of the Revised Criteria for Diagnosis and Classification of Diabetes Mellitus. <i>Clinical Chemistry</i> , <b>1997</b> , 43, 2230-2232	5.5	26
99	Continuous Glucose Monitors and Automated Insulin Dosing Systems in the Hospital Consensus Guideline. <i>Journal of Diabetes Science and Technology</i> , <b>2020</b> , 14, 1035-1064	4.1	26
98	Cross-sectional Analysis of AGE-CML, sRAGE, and esRAGE with Diabetes and Cardiometabolic Risk Factors in a Community-Based Cohort. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 980-989	5.5	25
97	A PAK6-IQGAP1 complex promotes disassembly of cell-cell adhesions. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 2759-73	10.3	25
96	Rap1 activation in collagen phagocytosis is dependent on nonmuscle myosin II-A. <i>Molecular Biology of the Cell</i> , <b>2008</b> , 19, 5032-46	3.5	25
95	Unraveling the molecular mechanism of interactions of the Rho GTPases Cdc42 and Rac1 with the scaffolding protein IQGAP2. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 3685-3699	5.4	24
94	The Structural Basis for Cdc42-Induced Dimerization of IQGAPs. <i>Structure</i> , <b>2016</b> , 24, 1499-508	5.2	24
93	The receptor protein-tyrosine phosphatase PTPmu interacts with IQGAP1. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 4903-10	5.4	24
92	Calmodulin regulates the transcriptional activity of estrogen receptors. Selective inhibition of calmodulin function in subcellular compartments. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 1195-200	5.4	24
91	Glycated Albumin Identifies Prediabetes Not Detected by Hemoglobin A1c: The Africans in America Study. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1524-1532	5.5	24
90	IQGAP1 Binds to Yes-associated Protein (YAP) and Modulates Its Transcriptional Activity. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 19261-73	5.4	23
89	Shigella Effector OspB Activates mTORC1 in a Manner That Depends on IQGAP1 and Promotes Cell Proliferation. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005200	7.6	23
88	Functional interactions between calmodulin and estrogen receptor-alpha. <i>Cellular Signalling</i> , <b>2007</b> , 19, 439-43	4.9	23
87	Screening for diabetes: is it warranted?. <i>Clinica Chimica Acta</i> , <b>2002</b> , 315, 61-9	6.2	23
86	Differential affinity cross-linking of phosphorylase kinase conformers by the geometric isomers of phenylenedimaleimide. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 26196-201	5.4	22
85	It's time for a better blood collection tube to improve the reliability of glucose results. <i>Diabetes Care</i> , <b>2013</b> , 36, e2	14.6	21
84	Binding of IRS proteins to calmodulin is enhanced in insulin resistance. <i>Biochemistry</i> , <b>2000</b> , 39, 5089-96	3.2	21
83	Characteristics of calmodulin phosphorylation by the insulin receptor kinase. <i>Endocrinology</i> , <b>1988</b> , 123, 1830-6	4.8	21



82	IQGAP1 causes choroidal neovascularization by sustaining VEGFR2-mediated Rac1 activation. <i>Angiogenesis</i> , <b>2020</b> , 23, 685-698	10.6	20
81	The structural effects of endogenous and exogenous Ca <sup>2+</sup> /calmodulin on phosphorylase kinase. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 26202-9	5.4	19
80	Development of the Diabetes Technology Society Blood Glucose Monitor System Surveillance Protocol. <i>Journal of Diabetes Science and Technology</i> , <b>2016</b> , 10, 697-707	4.1	19
79	The diagnosis of diabetes is changing: how implementation of hemoglobin A1c will impact clinical laboratories. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1612-4	5.5	18
78	Salmonella enterica serotype Typhimurium usurps the scaffold protein IQGAP1 to manipulate Rac1 and MAPK signalling. <i>Biochemical Journal</i> , <b>2011</b> , 440, 309-18	3.8	17
77	Thrombin-induced phosphorylation of MARCKS does not alter its interactions with calmodulin or actin. <i>Cellular Signalling</i> , <b>2000</b> , 12, 71-9	4.9	17
76	Effects of cationic polypeptides on the activity, substrate interaction, and autophosphorylation of casein kinase II: a study with calmodulin. <i>Archives of Biochemistry and Biophysics</i> , <b>1992</b> , 299, 275-80	4.1	17
75	Measurement of circulating glucose concentrations: the time is now for consistency among methods and types of samples. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 1569-70	5.5	16
74	Deletion of IQGAP1 promotes Helicobacter pylori-induced gastric dysplasia in mice and acquisition of cancer stem cell properties in vitro. <i>Oncotarget</i> , <b>2016</b> , 7, 80688-80699	3.3	16
73	IQGAP1 controls tight junction formation through differential regulation of claudin recruitment. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 853-62	5.3	15
72	Calmodulin Antagonists Inhibit Insulin-Stimulated GLUT4 (Glucose Transporter 4) Translocation by Preventing the Formation of Phosphatidylinositol 3,4,5-Trisphosphate in 3T3L1 Adipocytes		15
71	Targeting of calcium:calmodulin signals to the cytoskeleton by IQGAP1. <i>Cell Calcium</i> , <b>2007</b> , 41, 593-605	4	14
70	Variability in the Relationship of Hemoglobin A1c and Average Glucose Concentrations: How Much Does Race Matter?. <i>Annals of Internal Medicine</i> , <b>2017</b> , 167, 131-132	8	13
69	Rapid Classification and Identification of Multiple Microorganisms with Accurate Statistical Significance via High-Resolution Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 1721-1737	3.5	13
68	Comparing analytic performance criteria: evaluation of HbA1c certification criteria as an example. <i>Clinica Chimica Acta</i> , <b>2014</b> , 433, 259-63	6.2	13
67	Absence of IQGAP1 Protein Leads to Insulin Resistance. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 3273-3289	3.4	12
66	Calmodulin Lobes Facilitate Dimerization and Activation of Estrogen Receptor- $\alpha$ . <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 4614-4622	5.4	12
65	Identification of Microorganisms by High Resolution Tandem Mass Spectrometry with Accurate Statistical Significance. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 194-210	3.5	12

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