## Jacques Haiech

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8573888/publications.pdf Version: 2024-02-01



IACOLIES HAIECH

#	Article	IF	CITATIONS
1	Using Data Mining to Explore Calmodulin Bibliography. Methods in Molecular Biology, 2019, 1929, 3-14.	0.9	0
2	Facts and conjectures on calmodulin and its cousin proteins, parvalbumin and troponin C. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1046-1053.	4.1	14
3	ECS meeting. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1035-1036.	4.1	0
4	Environment for Modeling and Simulation of Biosystems, Biosensors, and Lab-on-Chips. IEEE Transactions on Electron Devices, 2019, 66, 34-43.	3.0	3
5	Changes in chromatin state reveal ARNT2 at a node of a tumorigenic transcription factor signature driving glioblastoma cell aggressiveness. Acta Neuropathologica, 2018, 135, 267-283.	7.7	19
6	Ca2+-Dependent Transcriptional Repressors KCNIP and Regulation of Prognosis Genes in Glioblastoma. Frontiers in Molecular Neuroscience, 2018, 11, 472.	2.9	27
7	Quiescence status of glioblastoma stem-like cells involves remodelling of Ca2+ signalling and mitochondrial shape. Scientific Reports, 2018, 8, 9731.	3.3	36
8	Efficient Modeling and Simulation of Space-Dependent Biological Systems. Journal of Computational Biology, 2018, 25, 917-933.	1.6	5
9	Discovery of a Locally and Orally Active CXCL12 Neutraligand (LIT-927) with Anti-inflammatory Effect in a Murine Model of Allergic Airway Hypereosinophilia. Journal of Medicinal Chemistry, 2018, 61, 7671-7686.	6.4	26
10	WNK1 kinase and its partners Akt, SGK1 and NBC-family Na+/HCO3â^' cotransporters are potential therapeutic targets for glioblastoma stem-like cells linked to Bisacodyl signaling. Oncotarget, 2018, 9, 27197-27219.	1.8	5
11	Bisacodyl and its cytotoxic activity on human glioblastoma stem-like cells. Implication of inositol 1,4,5-triphosphate receptor dependent calcium signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1018-1027.	4.1	14
12	The adaptors Grb10 and Grb14 are calmodulinâ€binding proteins. FEBS Letters, 2017, 591, 1176-1186.	2.8	9
13	A microelectronic approach to identifying and modeling biological noise. , 2017, , .		0
14	Modeling and simulation of biological systems using SPICE language. PLoS ONE, 2017, 12, e0182385.	2.5	14
15	Virtual prototyping for biosystems: A spicy challenge. , 2017, , .		2
16	Cancer Stem Cell Quiescence and Plasticity as Major Challenges in Cancer Therapy. Stem Cells International, 2016, 2016, 1-16.	2.5	288
17	The antiâ€hypertensive drug prazosin inhibits glioblastoma growth via the <scp>PKC</scp> Î′â€dependent inhibition of the <scp>AKT</scp> pathway. EMBO Molecular Medicine, 2016, 8, 511-526.	6.9	40
18	GeNeDA: An Open-Source Workflow for Design Automation of Gene Regulatory Networks Inspired from Microelectronics. Journal of Computational Biology, 2016, 23, 841-855.	1.6	5

#	Article	IF	CITATIONS
19	A strategy to discover decoy chemokine ligands with an anti-inflammatory activity. Scientific Reports, 2015, 5, 14746.	3.3	22
20	Glioblastoma and calcium signaling - analysis of calcium toolbox expression. International Journal of Developmental Biology, 2015, 59, 407-415.	0.6	26
21	New Fluorescein Precursors for Live Bacteria Detection. Analytical Chemistry, 2015, 87, 8858-8866.	6.5	27
22	Verilog-A compact space-dependent model for biology. , 2015, , .		1
23	Integration of SBML models for the description of biological system in a lab-on-chip. , 2015, , .		2
24	Preface. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1919-1920.	4.1	1
25	Chemical Library Screening and Structure-Function Relationship Studies Identify Bisacodyl as a Potent and Selective Cytotoxic Agent Towards Quiescent Human Glioblastoma Tumor Stem-Like Cells. PLoS ONE, 2015, 10, e0134793.	2.5	19
26	Comparative Expression Study of the Endo–G Protein Coupled Receptor (GPCR) Repertoire in Human Glioblastoma Cancer Stem-like Cells, U87-MG Cells and Non Malignant Cells of Neural Origin Unveils New Potential Therapeutic Targets. PLoS ONE, 2014, 9, e91519.	2.5	28
27	Generation and Behavior Characterization of CaMKIIÎ <sup>2</sup> Knockout Mice. PLoS ONE, 2014, 9, e105191.	2.5	38
28	Opportunities and challenges for the virtual prototyping of synthetic biological functions. , 2014, , .		0
29	Automated design of artificial biological functions based on fuzzy logic. , 2014, , .		1
30	Live demonstration: Automated design of artificial biological functions based on fuzzy logic. , 2014, , .		0
31	Modeling Biology With HDL Languages: A First Step Toward a Genetic Design Automation Tool Inspired From Microelectronics. IEEE Transactions on Biomedical Engineering, 2014, 61, 1231-1240.	4.2	20
32	Quantitative Structure–Property Relationship Modeling: A Valuable Support in High-Throughput Screening Quality Control. Analytical Chemistry, 2014, 86, 2510-2520.	6.5	18
33	Calcium signalling as a hub for translational medicine a starting point to model life. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2283.	4.1	Ο
34	Modeling and simulation of a Lab-On-Chip for micropollutants detection. , 2014, , .		4
35	A general framework improving teaching ligand binding to a macromolecule. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2348-2355.	4.1	12
36	A general framework to characterize inhibitors of calmodulin: Use of calmodulin inhibitors to study the interaction between calmodulin and its calmodulin binding domains. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1720-1731.	4.1	14

#	Article	IF	CITATIONS
37	Fuzzy logic, an intermediate description level for design and simulation in synthetic biology. , 2013, , .		4
38	EDA inspired open-source framework for synthetic biology. , 2013, , .		4
39	New Aspects of Calmodulin–Calmodulin Binding Domains Recognition. Methods in Molecular Biology, 2013, 963, 57-72.	0.9	1
40	Personalized medicine and education: the challenge. Croatian Medical Journal, 2012, 53, 298-300.	0.7	22
41	A game-of-life like simulator for design-oriented modeling of BioBricks in synthetic biology. , 2012, 2012, 5462-5.		5
42	Prodrugs of a CXC Chemokine-12 (CXCL12) Neutraligand Prevent Inflammatory Reactions in an Asthma Model in Vivo. ACS Medicinal Chemistry Letters, 2012, 3, 10-14.	2.8	26
43	Revisiting intracellular calcium signaling semantics. Biochimie, 2011, 93, 2029-2037.	2.6	15
44	The calcium signal: A universal carrier to code, decode and transduce information. Biochimie, 2011, 93, ν.	2.6	5
45	Computer-aided design in synthetic biology. , 2011, , .		2
46	Cryptogein, a fungal elicitor, remodels the phenylpropanoid metabolism of tobacco cell suspension cultures in a calciumâ€dependent manner. Plant, Cell and Environment, 2011, 34, 149-161.	5.7	28
47	A general strategy to characterize calmodulin–calcium complexes involved in CaM–target recognition: DAPK and ECFR calmodulin binding domains interact with different calmodulin–calcium complexes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1059-1067.	4.1	20
48	The 11th Meeting of the European Calcium Society. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 908.	4.1	0
49	Synthetic biology methodology and model refinement based on microelectronic modeling tools and languages. Biotechnology Journal, 2011, 6, 796-806.	3.5	19
50	La vie oscillatoire. Medecine/Sciences, 2011, 27, 326-327.	0.2	2
51	Editorial. Molecular Plant, 2010, 3, 641.	8.3	0
52	Identification by high-throughput screening of inhibitors of Schistosoma mansoni NAD+ catabolizing enzyme. Bioorganic and Medicinal Chemistry, 2010, 18, 7900-7910.	3.0	28
53	Neutralizing endogenous chemokines with small molecules. , 2010, 126, 39-55.		28
54	CD133, CD15/SSEA-1, CD34 or side populations do not resume tumor-initiating properties of long-term cultured cancer stem cells from human malignant glio-neuronal tumors. BMC Cancer, 2010, 10, 66.	2.6	87

#	Article	IF	CITATIONS
55	Homodimerization of the Death-Associated Protein Kinase Catalytic Domain: Development of a New Small Molecule Fluorescent Reporter. PLoS ONE, 2010, 5, e14120.	2.5	12
56	Multi-abstraction modeling in synthetic biology. , 2010, , .		5
57	Limitations in a frataxin knockdown cell model for Friedreich ataxia in a high-throughput drug screen. BMC Neurology, 2009, 9, 46.	1.8	12
58	Calcium fingerprints induced by Calmodulin interactors in eukaryotic cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1068-1077.	4.1	14
59	Identification of allosteric inhibitors blocking the hepatitis C virus polymerase NS5B in the RNA synthesis initiation step. Antiviral Research, 2009, 84, 48-59.	4.1	19
60	Identification by high throughput screening of small compounds inhibiting the nucleic acid destabilization activity of the HIV-1 nucleocapsid protein. Biochimie, 2009, 91, 916-923.	2.6	47
61	Synthetic biology and microelectronics: A similar design flow. , 2009, , .		5
62	Solidâ€Phase Organic Tagging Resins for Labeling Biomolecules by 1,3â€Dipolar Cycloaddition: Application to the Synthesis of a Fluorescent Nonâ€Peptidic Vasopressin Receptor Ligand. Chemistry - A European Journal, 2008, 14, 6247-6254.	3.3	26
63	Small Neutralizing Molecules to Inhibit Actions of the Chemokine CXCL12. Journal of Biological Chemistry, 2008, 283, 23189-23199.	3.4	85
64	Protection Against Endotoxic Shock as a Consequence of Reduced Nitrosative Stress in MLCK210-Null Mice. American Journal of Pathology, 2007, 170, 439-446.	3.8	32
65	Immobilization of engineered proteins on a nickel chelating molecular wire. Arkivoc, 2007, 2007, 268-277.	0.5	0
66	Use of a fluorescent polarization based high throughput assay to identify new Calmodulin ligands. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1250-1255.	4.1	18
67	Deletion of MLCK210 induces subtle changes in vascular reactivity but does not affect cardiac function. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H2342-H2349.	3.2	23
68	Calcium Rises Locally Trigger Focal Adhesion Disassembly and Enhance Residency of Focal Adhesion Kinase at Focal Adhesions. Journal of Biological Chemistry, 2004, 279, 28715-28723.	3.4	128
69	The EF-Handome: combining comparative genomic study using FamDBtool, a new bioinformatics tool, and the network of expertise of the European Calcium Society. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1742, 179-183.	4.1	13
70	Fluorophores related to the green fluorescent protein. Tetrahedron Letters, 2004, 45, 6343-6348.	1.4	35
71	Unfolding of creatine kinase induced by acid studied by isothermal titration calorimetry and fluorescence spectroscopy. Thermochimica Acta, 2004, 416, 17-21.	2.7	1
72	Heterocyclic Bis-Cations as Starting Hits for Design of Inhibitors of the Bifunctional Enzyme Histidine-Containing Protein Kinase/Phosphatase from Bacillus subtilis. Journal of Medicinal Chemistry, 2004, 47, 2264-2275.	6.4	18

#	Article	IF	CITATIONS
73	Discovery of a New Class of Synthetic Protein Kinase Inhibitors that Suppress Selective Aspects of Glial Activation and Protect Against Î <sup>2</sup> -Amyloid Induced Injury: A Foundation for Future Medicinal Chemistry Efforts Focused on Targeting Alzheimer's Disease Progression. Journal of Molecular Neuroscience, 2003, 20, 411-424.	2.3	9
74	An aminopyridazine-based inhibitor of a pro-apoptotic protein kinase attenuates hypoxia-ischemia induced acute brain injury. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3465-3470.	2.2	89
75	Fluorescent Derivatives of the GFP Chromophore Give a New Insight into the GFP Fluorescence Process. Biophysical Journal, 2003, 85, 1839-1850.	0.5	93
76	Generation of Bis-Cationic Heterocyclic Inhibitors of Bacillus subtilis HPr Kinase/Phosphatase from a Ditopic Dynamic Combinatorial Library. Journal of Medicinal Chemistry, 2003, 46, 5803-5811.	6.4	61
77	Unfolding of Rabbit Muscle Creatine Kinase Induced by Acid. Journal of Biological Chemistry, 2003, 278, 30098-30105.	3.4	57
78	Properties and Regulation of the Bifunctional Enzyme HPr Kinase/Phosphatase in Bacillus subtilis. Journal of Biological Chemistry, 2003, 278, 1174-1185.	3.4	34
79	Protein kinase involved in lung injury susceptibility: Evidence from enzyme isoform genetic knockout and in vivo inhibitor treatment. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6233-6238.	7.1	132
80	Calcium Oscillations Trigger Focal Adhesion Disassembly in Human U87 Astrocytoma Cells. Journal of Biological Chemistry, 2002, 277, 26364-26371.	3.4	92
81	Deconvolution of Calcium-Binding Curves: Facts and Fantasies. , 2002, 173, 025-042.		6
82	Tryptophan Calmodulin Mutants. , 2002, , 175-209.		3
83	Discovery of a 3-Amino-6-phenyl-pyridazine Derivative as a New Synthetic Antineuroinflammatory Compound. Journal of Medicinal Chemistry, 2002, 45, 563-566.	6.4	54
84	Discovery of new chemical classes of synthetic ligands that suppress neuroinflammatory responses. Journal of Molecular Neuroscience, 2002, 19, 89-93.	2.3	9
85	Electrospray ionization mass spectrometry analysis revealed a â^1⁄4310 kDa noncovalent hexamer of HPr kinase/phosphatase from Bacillus subtilis. International Journal of Mass Spectrometry, 2002, 219, 681-696.	1.5	19
86	Cation binding mode of fully oxidised calmodulin explained by the unfolding of the apostate. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2002, 1600, 105-110.	2.3	24
87	Ligand modulation of glial activation: cell permeable, small molecule inhibitors of serine-threonine protein kinases can block induction of interleukin 1β and nitric oxide synthase II. Neurochemistry International, 2001, 39, 459-468.	3.8	34
88	Mechanism of calcium oscillations in migrating human astrocytoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1498, 273-280.	4.1	38
89	Des gènes aux médicaments : nouveaux défis, nouvelles stratégies Medecine/Sciences, 2000, 16, 1332.	0.2	1
90	Apocalmodulin Binds to the Myosin Light Chain Kinase Calmodulin Target Site. Journal of Biological Chemistry, 1999, 274, 18161-18164.	3.4	40

#	Article	IF	CITATIONS
91	Analysis of the kinase-related protein gene found at human chromosome 3q21 in a multi-gene cluster: Organization, expression, alternative splicing, and polymorphic marker. Journal of Cellular Biochemistry, 1999, 75, 481-491.	2.6	35
92	The Q15H mutation enables Crh, a Bacillus subtilis HPr-like protein, to carry out some regulatory HPr functions, but does not make it an effective phosphocarrier for sugar transport. Microbiology (United Kingdom), 1999, 145, 3195-3204.	1.8	10
93	Calcium signalling in Bacillus subtilis. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1448, 212-226.	4.1	99
94	New protein kinase and protein phosphatase families mediate signal transduction in bacterial catabolite repression. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 1823-1828.	7.1	186
95	Isolation and characterization of the lacA gene encoding beta-galactosidase in Bacillus subtilis and a regulator gene, lacR. Journal of Bacteriology, 1997, 179, 5636-5638.	2.2	55
96	The <i>Bacillus subtilis crh</i> gene encodes a HPr-like protein involved in carbon catabolite repression. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8439-8444.	7.1	214
97	Conformation and Thermal Denaturation of Apocalmodulin: Role of Electrostatic Mutationsâ€. Biochemistry, 1997, 36, 2017-2024.	2.5	104
98	The complete genome sequence of the Gram-positive bacterium Bacillus subtilis. Nature, 1997, 390, 249-256.	27.8	3,519
99	Heme-CO binding to tryptophan-containing calmodulin mutants. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1313, 209-216.	4.1	1
100	Cloning, expression, and properties of the microtubule-stabilizing protein STOP Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2125-2130.	7.1	95
101	Quantification of Hydrophobic Insoluble Peptide–Protein Interaction Using Peptide–Resin Adduct. Analytical Biochemistry, 1996, 238, 100-103.	2.4	1
102	Rational choice of molecular dynamics simulation parameters through the use of the three-dimensional autocorrelation method: application to calmodulin flexibility study. Protein Engineering, Design and Selection, 1996, 9, 959-976.	2.1	8
103	Use of TSAR as a new tool to analyze the molecular dynamics trajectories of proteins. Journal of Molecular Graphics, 1995, 13, 46-48.	1.1	5
104	Informational Suppression to Investigate Structural Functional and Evolutionary Aspects of theErwinia chrysanthemiCellulase EGZ. Journal of Molecular Biology, 1995, 246, 82-94.	4.2	49
105	A Protein/Peptide Assay Using Peptide-Resin Adduct: Application to the Calmodulin/RS20 Complex. Analytical Biochemistry, 1994, 221, 118-126.	2.4	4
106	Investigating the High Affinity and Low Sequence Specificity of Calmodulin Binding to its Targets. Journal of Molecular Biology, 1994, 244, 554-571.	4.2	52
107	Gain of function mutations for yeast calmodulin and calcium dependent regulation of protein kinase activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1223, 341-347.	4.1	3
108	Microbial and Genetic Approaches to the Study of Structure-Function Relationships of Proteins. Progress in Molecular and Subcellular Biology, 1994, 13, 81-99.	1.6	2

#	Article	IF	CITATIONS
109	Interactions among cell signalling systemsedited by Ciba Foundation, John Wiley & Sons, 1992, p 257, \$ 42.50. Biochimie, 1992, 74, 1043-1044.	2.6	0
110	Calcium-calmodulin regulated effectors of microtubule stability in bovine brain. Biochemistry, 1992, 31, 8849-8855.	2.5	57
111	Use of engineered proteins with internal tryptophan reporter groups and perturbation techniques to probe the mechanism of ligand-protein interactions: investigation of the mechanism of calcium binding to calmodulin. Biochemistry, 1992, 31, 8098-8106.	2.5	77
112	The heterodimer calmodulin: myosin light-chain kinase as a prototype vertebrate calcium signal transduction complex. BBA - Proteins and Proteomics, 1992, 1160, 8-15.	2.1	25
113	Purification of assembly-competent tubulin from Saccharomyces cerevisiae. FEBS Journal, 1992, 210, 343-349.	0.2	17
114	Cellulase EGZ of Erwinia chrysanthemi: structural organization and importance of His98 and Glu133 residues for catalysis. Protein Engineering, Design and Selection, 1991, 4, 325-333.	2.1	130
115	PCDRA: PC interactive molecular representation and modeling system. Journal of Molecular Graphics, 1990, 8, 39-44.	1.1	4
116	Identification of the calmodulin binding domain of α-fodrin and implications for folding. Biochimie, 1990, 72, 19-24.	2.6	4
117	Metabolically 35S-labeled recombinant calmodulin as a ligand for the detection of calmodulin-binding proteins. Analytical Biochemistry, 1989, 178, 141-147.	2.4	14
118	Cloning and deletion mutagenesis using direct protein-protein interaction on an expression vector identification of the calmodulin binding domain of α-fodrin. Journal of Molecular Biology, 1989, 205, 455-458.	4.2	17
119	Fluorescence characterization of VU-9 calmodulin, an engineered calmodulin with one tryptophan in calcium binding domain III. Biochemistry, 1989, 28, 6086-6092.	2.5	23
120	Time-resolved fluorescence study of VU-9 calmodulin, an engineered calmodulin possessing a single tryptophan residue. Biochemistry, 1989, 28, 6093-6098.	2.5	19
121	The effects of maitotoxin on phosphoinositides and calcium metabolism in a primary culture of aortic smooth muscle cells. Toxicon, 1988, 26, 133-141.	1.6	13
122	Acute adaptative changes to unilateral nephrectomy in humans. Kidney International, 1987, 32, 714-720.	5.2	37
123	Maitotoxin stimulat es the formation of inositol phosphates in rat aortic myocytes. FEBS Letters, 1986, 197, 349-352.	2.8	28
124	Activation of phosphatidylinositol synthesis by different agonists in a primary culture of smooth muscle cells grown on collagen microcarriers. FEBS Letters, 1986, 200, 27-31.	2.8	29
125	Evidence for two distinct adenylate cyclase catalysts in rat brain. FEBS Letters, 1986, 206, 213-217.	2.8	11
126	The formation of inositol phosphate derivatives by isolated membranes from Acer pseudoplatanus is stimulated by guanine nucleotides. FEBS Letters, 1986, 208, 413-417.	2.8	56

#	Article	IF	CITATIONS
127	5-HT2 receptor-stimulated inositol phosphate formation in rat aortic myocytes. European Journal of Pharmacology, 1986, 131, 153-157.	3.5	26
128	Influence of Cae2+ on 5-HT2- and $\hat{l}\pm 1$ -induced arterial contraction and phosphoinositide metabolism. European Journal of Pharmacology, 1986, 132, 253-257.	3.5	17
129	Effect of steroid hormones on the regulation of uterine contractility. Pflugers Archiv European Journal of Physiology, 1986, 407, 670-676.	2.8	9
130	Regulation of the Calcium Signal by Calmodulin. Novartis Foundation Symposium, 1986, 122, 162-182.	1.1	13
131	Ca2+ Binding to Calmodulin and Interactions with Enzymes. , 1986, , 27-32.		Ο
132	Identification of the catalytic subunit of brain adenylate cyclase: a calmodulin binding protein of 135 kDa Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 6736-6740.	7.1	36
133	Search for promoter sites of prokaryotic DNA using learning techniques. Biochimie, 1985, 67, 549-553.	2.6	8
134	Calcium binding of arterial tropomyosin: involvement in the thin filament regulation of smooth muscle. Biochemistry, 1985, 24, 5216-5221.	2.5	8
135	PROTEINURIA AND BLOOD PRESSURE IN KIDNEY DONORS. Lancet, The, 1985, 326, 838-839.	13.7	2
136	Computer search of calcium binding sites in a gene data bank: use of learning techniques to build an expert system. Biochimie, 1985, 67, 555-560.	2.6	22
137	Ion binding to calmodulin. Molecular and Cellular Biochemistry, 1983, 51, 33-54.	3.1	55
138	Zinc ion binding to human brain calcium binding proteins. Calmodulin and S100b protein. Biochemical and Biophysical Research Communications, 1983, 114, 1138-1146.	2.1	103
139	Isolation and characterization of a rat skin parvalbumin-like calcium-binding protein. Biochemistry, 1982, 21, 4805-4810.	2.5	51
140	Effects of cations on affinity of calmodulin for calcium: ordered binding of calcium ions allows the specific activation of calmodulin-stimulated enzymes. Theoretical approach to study of multiple ligand binding to a macromolecule. Biochemistry, 1981, 20, 3890-3897.	2.5	342
141	Ligand binding to macromolecules: Determination of binding parameters by combined use of ligand buffers and flow dialysis; application to calcium-binding proteins. Analytical Biochemistry, 1980, 105, 18-23.	2.4	27
142	CONCERTED ROLE OF CALMODULIN AND CALCINEURIN IN CALCIUM REGULATION. Annals of the New York Academy of Sciences, 1980, 356, 43-54.	3.8	63
143	Evolutionary diversification of structure and function in the family of intracellular calcium-binding proteins. Journal of Molecular Evolution, 1979, 13, 331-352.	1.8	187
144	Magnesium and calcium binding to parvalbumins: evidence for differences between parvalbumins and an explanation of their relaxing function. Biochemistry, 1979, 18, 2752-2758.	2.5	242

#	Article	IF	CITATIONS
145	Calcium and magnesium binding by parvalbumin. Biochimie, 1979, 61, 741-750.	2.6	39
146	A new large-scale purification procedure for muscular parvalbumins. Biochimie, 1979, 61, 583-587.	2.6	50
147	Concerted regulation of cardiac sarcoplasmic reticulum calcium transport by cyclic adenosine monophosphate dependent and calcium-calmodulin-dependent phosphorylations. Biochemistry, 1979, 18, 5150-5157.	2.5	451
148	The participation of parvalbumins in the activation-relaxation cycle of vertebrate fast skeletal-muscle. FEBS Letters, 1977, 75, 111-114.	2.8	124