

# Jacques Haiech

## List of Publications by Year in descending order

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148  
papers

9,237  
citations

100601

38  
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46524

93  
g-index

176  
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176  
docs citations

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times ranked

9149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Data Mining to Explore Calmodulin Bibliography. <i>Methods in Molecular Biology</i> , 2019, 1929, 3-14.	0.4	0
2	Facts and conjectures on calmodulin and its cousin proteins, parvalbumin and troponin C. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1046-1053.	1.9	14
3	ECS meeting. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1035-1036.	1.9	0
4	Environment for Modeling and Simulation of Biosystems, Biosensors, and Lab-on-Chips. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 34-43.	1.6	3
5	Changes in chromatin state reveal ARNT2 at a node of a tumorigenic transcription factor signature driving glioblastoma cell aggressiveness. <i>Acta Neuropathologica</i> , 2018, 135, 267-283.	3.9	19
6	Ca <sup>2+</sup> -Dependent Transcriptional Repressors KCNIP and Regulation of Prognosis Genes in Glioblastoma. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 472.	1.4	27
7	Quiescence status of glioblastoma stem-like cells involves remodelling of Ca <sup>2+</sup> signalling and mitochondrial shape. <i>Scientific Reports</i> , 2018, 8, 9731.	1.6	36
8	Efficient Modeling and Simulation of Space-Dependent Biological Systems. <i>Journal of Computational Biology</i> , 2018, 25, 917-933.	0.8	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. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7671-7686.	2.9	26
10	WNK1 kinase and its partners Akt, SGK1 and NBC-family Na <sup>+</sup> /HCO <sub>3</sub> <sup>-</sup> cotransporters are potential therapeutic targets for glioblastoma stem-like cells linked to Bisacodyl signaling. <i>Oncotarget</i> , 2018, 9, 27197-27219.	0.8	5
11	Bisacodyl and its cytotoxic activity on human glioblastoma stem-like cells. Implication of inositol 1,4,5-triphosphate receptor dependent calcium signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1018-1027.	1.9	14
12	The adaptors Grb10 and Grb14 are calmodulin-binding proteins. <i>FEBS Letters</i> , 2017, 591, 1176-1186.	1.3	9
13	A microelectronic approach to identifying and modeling biological noise. , 2017, , .		0
14	Modeling and simulation of biological systems using SPICE language. <i>PLoS ONE</i> , 2017, 12, e0182385.	1.1	14
15	Virtual prototyping for biosystems: A spicy challenge. , 2017, , .		2
16	Cancer Stem Cell Quiescence and Plasticity as Major Challenges in Cancer Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	288
17	The anti-hypertensive drug prazosin inhibits glioblastoma growth via the PKC-dependent inhibition of the AKT pathway. <i>EMBO Molecular Medicine</i> , 2016, 8, 511-526.	3.3	40
18	GeNeDA: An Open-Source Workflow for Design Automation of Gene Regulatory Networks Inspired from Microelectronics. <i>Journal of Computational Biology</i> , 2016, 23, 841-855.	0.8	5

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19	A strategy to discover decoy chemokine ligands with an anti-inflammatory activity. Scientific Reports, 2015, 5, 14746.	1.6	22
20	Glioblastoma and calcium signaling - analysis of calcium toolbox expression. International Journal of Developmental Biology, 2015, 59, 407-415.	0.3	26
21	New Fluorescein Precursors for Live Bacteria Detection. Analytical Chemistry, 2015, 87, 8858-8866.	3.2	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.	1.9	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.	1.1	19
26	Comparative Expression Study of the Endo- $\alpha$ -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.	1.1	28
27	Generation and Behavior Characterization of CaMKII $\beta$ Knockout Mice. PLoS ONE, 2014, 9, e105191.	1.1	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.	2.5	20
32	Quantitative Structure-Property Relationship Modeling: A Valuable Support in High-Throughput Screening Quality Control. Analytical Chemistry, 2014, 86, 2510-2520.	3.2	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.	1.9	0
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.	1.9	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.	1.9	14

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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 Calmodulinâ€™Calmodulin Binding Domains Recognition. Methods in Molecular Biology, 2013, 963, 57-72.	0.4	1
40	Personalized medicine and education: the challenge. Croatian Medical Journal, 2012, 53, 298-300.	0.2	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.	1.3	26
43	Revisiting intracellular calcium signaling semantics. Biochimie, 2011, 93, 2029-2037.	1.3	15
44	The calcium signal: A universal carrier to code, decode and transduce information. Biochimie, 2011, 93, v.	1.3	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.	2.8	28
47	A general strategy to characterize calmodulinâ€™calcium complexes involved in CaMâ€™target recognition: DAPK and EGFR calmodulin binding domains interact with different calmodulinâ€™calcium complexes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1059-1067.	1.9	20
48	The 11th Meeting of the European Calcium Society. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 908.	1.9	0
49	Synthetic biology methodology and model refinement based on microelectronic modeling tools and languages. Biotechnology Journal, 2011, 6, 796-806.	1.8	19
50	La vie oscillatoire. Medecine/Sciences, 2011, 27, 326-327.	0.0	2
51	Editorial. Molecular Plant, 2010, 3, 641.	3.9	0
52	Identification by high-throughput screening of inhibitors of Schistosoma mansoni NAD+ catabolizing enzyme. Bioorganic and Medicinal Chemistry, 2010, 18, 7900-7910.	1.4	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.	1.1	87

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55	Homodimerization of the Death-Associated Protein Kinase Catalytic Domain: Development of a New Small Molecule Fluorescent Reporter. <i>PLoS ONE</i> , 2010, 5, e14120.	1.1	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. <i>BMC Neurology</i> , 2009, 9, 46.	0.8	12
58	Calcium fingerprints induced by Calmodulin interactors in eukaryotic cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1068-1077.	1.9	14
59	Identification of allosteric inhibitors blocking the hepatitis C virus polymerase NS5B in the RNA synthesis initiation step. <i>Antiviral Research</i> , 2009, 84, 48-59.	1.9	19
60	Identification by high throughput screening of small compounds inhibiting the nucleic acid destabilization activity of the HIV-1 nucleocapsid protein. <i>Biochimie</i> , 2009, 91, 916-923.	1.3	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. <i>Chemistry - A European Journal</i> , 2008, 14, 6247-6254.	1.7	26
63	Small Neutralizing Molecules to Inhibit Actions of the Chemokine CXCL12. <i>Journal of Biological Chemistry</i> , 2008, 283, 23189-23199.	1.6	85
64	Protection Against Endotoxic Shock as a Consequence of Reduced Nitrosative Stress in MLCK210-Null Mice. <i>American Journal of Pathology</i> , 2007, 170, 439-446.	1.9	32
65	Immobilization of engineered proteins on a nickel chelating molecular wire. <i>Arkivoc</i> , 2007, 2007, 268-277.	0.3	0
66	Use of a fluorescent polarization based high throughput assay to identify new Calmodulin ligands. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1250-1255.	1.9	18
67	Deletion of MLCK210 induces subtle changes in vascular reactivity but does not affect cardiac function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H2342-H2349.	1.5	23
68	Calcium Rises Locally Trigger Focal Adhesion Disassembly and Enhance Residency of Focal Adhesion Kinase at Focal Adhesions. <i>Journal of Biological Chemistry</i> , 2004, 279, 28715-28723.	1.6	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. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1742, 179-183.	1.9	13
70	Fluorophores related to the green fluorescent protein. <i>Tetrahedron Letters</i> , 2004, 45, 6343-6348.	0.7	35
71	Unfolding of creatine kinase induced by acid studied by isothermal titration calorimetry and fluorescence spectroscopy. <i>Thermochimica Acta</i> , 2004, 416, 17-21.	1.2	1
72	Heterocyclic Bis-Cations as Starting Hits for Design of Inhibitors of the Bifunctional Enzyme Histidine-Containing Protein Kinase/Phosphatase from <i>Bacillus subtilis</i> . <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2264-2275.	2.9	18

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73	Discovery of a New Class of Synthetic Protein Kinase Inhibitors that Suppress Selective Aspects of Glial Activation and Protect Against $\beta$ -Amyloid Induced Injury: A Foundation for Future Medicinal Chemistry Efforts Focused on Targeting Alzheimer's Disease Progression. <i>Journal of Molecular Neuroscience</i> , 2003, 20, 411-424.	1.1	9
74	An aminopyridazine-based inhibitor of a pro-apoptotic protein kinase attenuates hypoxia-ischemia induced acute brain injury. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3465-3470.	1.0	89
75	Fluorescent Derivatives of the GFP Chromophore Give a New Insight into the GFP Fluorescence Process. <i>Biophysical Journal</i> , 2003, 85, 1839-1850.	0.2	93
76	Generation of Bis-Cationic Heterocyclic Inhibitors of <i>Bacillus subtilis</i> HPr Kinase/Phosphatase from a Ditopic Dynamic Combinatorial Library. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5803-5811.	2.9	61
77	Unfolding of Rabbit Muscle Creatine Kinase Induced by Acid. <i>Journal of Biological Chemistry</i> , 2003, 278, 30098-30105.	1.6	57
78	Properties and Regulation of the Bifunctional Enzyme HPr Kinase/Phosphatase in <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 1174-1185.	1.6	34
79	Protein kinase involved in lung injury susceptibility: Evidence from enzyme isoform genetic knockout and in vivo inhibitor treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6233-6238.	3.3	132
80	Calcium Oscillations Trigger Focal Adhesion Disassembly in Human U87 Astrocytoma Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 26364-26371.	1.6	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. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 563-566.	2.9	54
84	Discovery of new chemical classes of synthetic ligands that suppress neuroinflammatory responses. <i>Journal of Molecular Neuroscience</i> , 2002, 19, 89-93.	1.1	9
85	Electrospray ionization mass spectrometry analysis revealed a $\sim$ 4310 kDa noncovalent hexamer of HPr kinase/phosphatase from <i>Bacillus subtilis</i> . <i>International Journal of Mass Spectrometry</i> , 2002, 219, 681-696.	0.7	19
86	Cation binding mode of fully oxidised calmodulin explained by the unfolding of the apoprotein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1600, 105-110.	1.1	24
87	Ligand modulation of glial activation: cell permeable, small molecule inhibitors of serine-threonine protein kinases can block induction of interleukin $1\beta$ and nitric oxide synthase II. <i>Neurochemistry International</i> , 2001, 39, 459-468.	1.9	34
88	Mechanism of calcium oscillations in migrating human astrocytoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1498, 273-280.	1.9	38
89	Des gÃ©nes aux mÃ©dicaments : nouveaux dÃ©fis, nouvelles stratÃ©gies.. <i>Medecine/Sciences</i> , 2000, 16, 1332.	0.0	1
90	Apocalmodulin Binds to the Myosin Light Chain Kinase Calmodulin Target Site. <i>Journal of Biological Chemistry</i> , 1999, 274, 18161-18164.	1.6	40

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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. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 481-491.	1.2	35
92	The Q15H mutation enables Crh, a <i>Bacillus subtilis</i> HPr-like protein, to carry out some regulatory HPr functions, but does not make it an effective phosphocarrier for sugar transport. <i>Microbiology (United Kingdom)</i> , 1999, 145, 3195-3204.	0.7	10
93	Calcium signalling in <i>Bacillus subtilis</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 212-226.	1.9	99
94	New protein kinase and protein phosphatase families mediate signal transduction in bacterial catabolite repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 1823-1828.	3.3	186
95	Isolation and characterization of the lacA gene encoding beta-galactosidase in <i>Bacillus subtilis</i> and a regulator gene, lacR. <i>Journal of Bacteriology</i> , 1997, 179, 5636-5638.	1.0	55
96	The <i>Bacillus subtilis</i> crh gene encodes a HPr-like protein involved in carbon catabolite repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 8439-8444.	3.3	214
97	Conformation and Thermal Denaturation of Apocalmodulin: A Role of Electrostatic Mutations. <i>Biochemistry</i> , 1997, 36, 2017-2024.	1.2	104
98	The complete genome sequence of the Gram-positive bacterium <i>Bacillus subtilis</i> . <i>Nature</i> , 1997, 390, 249-256.	13.7	3,519
99	Heme-CO binding to tryptophan-containing calmodulin mutants. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1313, 209-216.	1.9	1
100	Cloning, expression, and properties of the microtubule-stabilizing protein STOP.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 2125-2130.	3.3	95
101	Quantification of Hydrophobic Insoluble Peptide-Protein Interaction Using Peptide-Resin Adduct. <i>Analytical Biochemistry</i> , 1996, 238, 100-103.	1.1	1
102	Rational choice of molecular dynamics simulation parameters through the use of the three-dimensional autocorrelation method: application to calmodulin flexibility study. <i>Protein Engineering, Design and Selection</i> , 1996, 9, 959-976.	1.0	8
103	Use of TSAR as a new tool to analyze the molecular dynamics trajectories of proteins. <i>Journal of Molecular Graphics</i> , 1995, 13, 46-48.	1.7	5
104	Informational Suppression to Investigate Structural Functional and Evolutionary Aspects of the <i>Erwinia chrysanthemi</i> Cellulase EGZ. <i>Journal of Molecular Biology</i> , 1995, 246, 82-94.	2.0	49
105	A Protein/Peptide Assay Using Peptide-Resin Adduct: Application to the Calmodulin/RS20 Complex. <i>Analytical Biochemistry</i> , 1994, 221, 118-126.	1.1	4
106	Investigating the High Affinity and Low Sequence Specificity of Calmodulin Binding to its Targets. <i>Journal of Molecular Biology</i> , 1994, 244, 554-571.	2.0	52
107	Gain of function mutations for yeast calmodulin and calcium dependent regulation of protein kinase activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1223, 341-347.	1.9	3
108	Microbial and Genetic Approaches to the Study of Structure-Function Relationships of Proteins. <i>Progress in Molecular and Subcellular Biology</i> , 1994, 13, 81-99.	0.9	2

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109	Interactions among cell signalling systems edited by Ciba Foundation, John Wiley & Sons, 1992, p 257, \$ 42.50. <i>Biochimie</i> , 1992, 74, 1043-1044.	1.3	0
110	Calcium-calmodulin regulated effectors of microtubule stability in bovine brain. <i>Biochemistry</i> , 1992, 31, 8849-8855.	1.2	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. <i>Biochemistry</i> , 1992, 31, 8098-8106.	1.2	77
112	The heterodimer calmodulin: myosin light-chain kinase as a prototype vertebrate calcium signal transduction complex. <i>BBA - Proteins and Proteomics</i> , 1992, 1160, 8-15.	2.1	25
113	Purification of assembly-competent tubulin from <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1992, 210, 343-349.	0.2	17
114	Cellulase EGZ of <i>Erwinia chrysanthemi</i> : structural organization and importance of His98 and Glu133 residues for catalysis. <i>Protein Engineering, Design and Selection</i> , 1991, 4, 325-333.	1.0	130
115	PCDRA: PC interactive molecular representation and modeling system. <i>Journal of Molecular Graphics</i> , 1990, 8, 39-44.	1.7	4
116	Identification of the calmodulin binding domain of $\hat{1}\pm$ -fodrin and implications for folding. <i>Biochimie</i> , 1990, 72, 19-24.	1.3	4
117	Metabolically <sup>35</sup> S-labeled recombinant calmodulin as a ligand for the detection of calmodulin-binding proteins. <i>Analytical Biochemistry</i> , 1989, 178, 141-147.	1.1	14
118	Cloning and deletion mutagenesis using direct protein-protein interaction on an expression vector identification of the calmodulin binding domain of $\hat{1}\pm$ -fodrin. <i>Journal of Molecular Biology</i> , 1989, 205, 455-458.	2.0	17
119	Fluorescence characterization of VU-9 calmodulin, an engineered calmodulin with one tryptophan in calcium binding domain III. <i>Biochemistry</i> , 1989, 28, 6086-6092.	1.2	23
120	Time-resolved fluorescence study of VU-9 calmodulin, an engineered calmodulin possessing a single tryptophan residue. <i>Biochemistry</i> , 1989, 28, 6093-6098.	1.2	19
121	The effects of maitotoxin on phosphoinositides and calcium metabolism in a primary culture of aortic smooth muscle cells. <i>Toxicon</i> , 1988, 26, 133-141.	0.8	13
122	Acute adaptative changes to unilateral nephrectomy in humans. <i>Kidney International</i> , 1987, 32, 714-720.	2.6	37
123	Maitotoxin stimulates the formation of inositol phosphates in rat aortic myocytes. <i>FEBS Letters</i> , 1986, 197, 349-352.	1.3	28
124	Activation of phosphatidylinositol synthesis by different agonists in a primary culture of smooth muscle cells grown on collagen microcarriers. <i>FEBS Letters</i> , 1986, 200, 27-31.	1.3	29
125	Evidence for two distinct adenylate cyclase catalysts in rat brain. <i>FEBS Letters</i> , 1986, 206, 213-217.	1.3	11
126	The formation of inositol phosphate derivatives by isolated membranes from <i>Acer pseudoplatanus</i> is stimulated by guanine nucleotides. <i>FEBS Letters</i> , 1986, 208, 413-417.	1.3	56



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127	5-HT <sub>2</sub> receptor-stimulated inositol phosphate formation in rat aortic myocytes. <i>European Journal of Pharmacology</i> , 1986, 131, 153-157.	1.7	26
128	Influence of Ca <sup>2+</sup> on 5-HT <sub>2</sub> - and $\hat{1}\pm 1$ -induced arterial contraction and phosphoinositide metabolism. <i>European Journal of Pharmacology</i> , 1986, 132, 253-257.	1.7	17
129	Effect of steroid hormones on the regulation of uterine contractility. <i>Pflugers Archiv European Journal of Physiology</i> , 1986, 407, 670-676.	1.3	9
130	Regulation of the Calcium Signal by Calmodulin. <i>Novartis Foundation Symposium</i> , 1986, 122, 162-182.	1.2	13
131	Ca <sup>2+</sup> Binding to Calmodulin and Interactions with Enzymes. , 1986, , 27-32.		0
132	Identification of the catalytic subunit of brain adenylate cyclase: a calmodulin binding protein of 135 kDa.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 6736-6740.	3.3	36
133	Search for promoter sites of prokaryotic DNA using learning techniques. <i>Biochimie</i> , 1985, 67, 549-553.	1.3	8
134	Calcium binding of arterial tropomyosin: involvement in the thin filament regulation of smooth muscle. <i>Biochemistry</i> , 1985, 24, 5216-5221.	1.2	8
135	PROTEINURIA AND BLOOD PRESSURE IN KIDNEY DONORS. <i>Lancet, The</i> , 1985, 326, 838-839.	6.3	2
136	Computer search of calcium binding sites in a gene data bank: use of learning techniques to build an expert system. <i>Biochimie</i> , 1985, 67, 555-560.	1.3	22
137	Ion binding to calmodulin. <i>Molecular and Cellular Biochemistry</i> , 1983, 51, 33-54.	1.4	55
138	Zinc ion binding to human brain calcium binding proteins. Calmodulin and S100b protein. <i>Biochemical and Biophysical Research Communications</i> , 1983, 114, 1138-1146.	1.0	103
139	Isolation and characterization of a rat skin parvalbumin-like calcium-binding protein. <i>Biochemistry</i> , 1982, 21, 4805-4810.	1.2	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. <i>Biochemistry</i> , 1981, 20, 3890-3897.	1.2	342
141	Ligand binding to macromolecules: Determination of binding parameters by combined use of ligand buffers and flow dialysis; application to calcium-binding proteins. <i>Analytical Biochemistry</i> , 1980, 105, 18-23.	1.1	27
142	CONCERTED ROLE OF CALMODULIN AND CALCINEURIN IN CALCIUM REGULATION. <i>Annals of the New York Academy of Sciences</i> , 1980, 356, 43-54.	1.8	63
143	Evolutionary diversification of structure and function in the family of intracellular calcium-binding proteins. <i>Journal of Molecular Evolution</i> , 1979, 13, 331-352.	0.8	187
144	Magnesium and calcium binding to parvalbumins: evidence for differences between parvalbumins and an explanation of their relaxing function. <i>Biochemistry</i> , 1979, 18, 2752-2758.	1.2	242

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145	Calcium and magnesium binding by parvalbumin. <i>Biochimie</i> , 1979, 61, 741-750.	1.3	39
146	A new large-scale purification procedure for muscular parvalbumins. <i>Biochimie</i> , 1979, 61, 583-587.	1.3	50
147	Concerted regulation of cardiac sarcoplasmic reticulum calcium transport by cyclic adenosine monophosphate dependent and calcium-calmodulin-dependent phosphorylations. <i>Biochemistry</i> , 1979, 18, 5150-5157.	1.2	451
148	The participation of parvalbumins in the activation-relaxation cycle of vertebrate fast skeletal-muscle. <i>FEBS Letters</i> , 1977, 75, 111-114.	1.3	124