

Margarita Menéndez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3960112/publications.pdf>

Version: 2024-02-01

142
papers

4,451
citations

101384

36
h-index

149479

56
g-index

147
all docs

147
docs citations

147
times ranked

5637
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal Biodiversity Mediates the Effects of Drying on Freshwater Ecosystem Functioning. <i>Ecosystems</i> , 2022, 25, 780-794.	1.6	8
2	Interrogation of Essentiality in the Reconstructed <i>Haemophilus influenzae</i> Metabolic Network Identifies Lipid Metabolism Antimicrobial Targets: Preclinical Evaluation of a FabH \hat{I}^2 -Ketoacyl-ACP Synthase Inhibitor. <i>MSystems</i> , 2022, 7, e0145921.	1.7	4
3	Adenoviruses (Adenoviridae) and Their Structural Relatives. , 2021, , 329-344.		1
4	Structural basis for recognition of bacterial cell wall teichoic acid by pseudo-symmetric SH3b-like repeats of a viral peptidoglycan hydrolase. <i>Chemical Science</i> , 2021, 12, 576-589.	3.7	11
5	Divergent CPEB prion-like domains reveal different assembly mechanisms for a generic amyloid-like fold. <i>BMC Biology</i> , 2021, 19, 43.	1.7	16
6	Adenovirus Structure: What Is New?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5240.	1.8	53
7	Decomposition of leaf litter mixtures in streams: effects of component litter species and current velocity. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
8	Acidification induces condensation of the adenovirus core. <i>Acta Biomaterialia</i> , 2021, 135, 534-542.	4.1	7
9	Structural and Functional Insights Into SkI and Pal Endolysins, Two Cysteine-Amidasases With Anti-pneumococcal Activity. Dithiothreitol (DTT) Effect on Lytic Activity. <i>Frontiers in Microbiology</i> , 2021, 12, 740914.	1.5	3
10	Correlation between Biophysical Properties of Niosomes Elaborated with Chloroquine and Different Tensioactives and Their Transfection Efficiency. <i>Pharmaceutics</i> , 2021, 13, 1787.	2.0	7
11	Subsurface zones in intermittent streams are hotspots of microbial decomposition during the non-flow period. <i>Science of the Total Environment</i> , 2020, 703, 135485.	3.9	16
12	Dynamic competition for hexon binding between core protein VII and lytic protein VI promotes adenovirus maturation and entry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13699-13707.	3.3	26
13	Role of \hat{I}^{\pm} -Synuclein Regions in Nucleation and Elongation of Amyloid Fiber Assembly. <i>ACS Chemical Neuroscience</i> , 2020, 11, 872-879.	1.7	30
14	Brain Angiogenesis Induced by Nonviral Gene Therapy with Potential Therapeutic Benefits for Central Nervous System Diseases. <i>Molecular Pharmaceutics</i> , 2020, 17, 1848-1858.	2.3	9
15	Key role of streambed moisture and flash storms for microbial resistance and resilience to long-term drought. <i>Freshwater Biology</i> , 2019, 64, 306-322.	1.2	25
16	Decomposition processes in coastal lagoons and their implications for the assessment of ecological health. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 450-460.	0.9	0
17	Non-viral vectors based on cationic niosomes and minicircle DNA technology enhance gene delivery efficiency for biomedical applications in retinal disorders. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 308-318.	1.7	39
18	Preclinical Evaluation of the Antimicrobial-Immunomodulatory Dual Action of Xenohormetic Molecules against <i>Haemophilus influenzae</i> Respiratory Infection. <i>Biomolecules</i> , 2019, 9, 891.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Microarray Strategies for Exploring Bacterial Surface Glycans and Their Interactions With Glycan-Binding Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 2909.	1.5	28
20	Does the severity of non-flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. <i>Freshwater Biology</i> , 2018, 63, 613-625.	1.2	11
21	The Singular NMR Fingerprint of a Polyproline II Helical Bundle. <i>Journal of the American Chemical Society</i> , 2018, 140, 16988-17000.	6.6	30
22	Quality and quantity of leaf litter: Both are important for feeding preferences and growth of an aquatic shredder. <i>PLoS ONE</i> , 2018, 13, e0208272.	1.1	18
23	Direct Evaluation of Live Uropathogenic <i>Escherichia coli</i> Adhesion and Efficiency of Antiadhesive Compounds Using a Simple Microarray Approach. <i>Analytical Chemistry</i> , 2018, 90, 12314-12321.	3.2	14
24	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018, 99, 1494-1508.	1.3	8
25	Climate modulates the magnitude of the effects of flow regulation on leaf-litter decomposition. <i>Aquatic Sciences</i> , 2017, 79, 507-514.	0.6	6
26	Structure of Ligand-Bound Intermediates of Crop ABA Receptors Highlights APP2C as Necessary ABA Co-receptor. <i>Molecular Plant</i> , 2017, 10, 1250-1253.	3.9	49
27	Csl2, a novel chimeric bacteriophage lysin to fight infections caused by <i>Streptococcus suis</i> , an emerging zoonotic pathogen. <i>Scientific Reports</i> , 2017, 7, 16506.	1.6	25
28	Leaf-litter breakdown as an indicator of the impacts by flow regulation in headwater streams: Responses across climatic regions. <i>Ecological Indicators</i> , 2017, 73, 11-22.	2.6	12
29	Deciphering how Cpl-7 cell wall-binding repeats recognize the bacterial peptidoglycan. <i>Scientific Reports</i> , 2017, 7, 16494.	1.6	23
30	Apoptosis, Toll-like, RIG-I-like and NOD-like Receptors Are Pathways Jointly Induced by Diverse Respiratory Bacterial and Viral Pathogens. <i>Frontiers in Microbiology</i> , 2017, 8, 276.	1.5	22
31	Structure-based domain assignment in <i>Leishmania infantum</i> EndoG: characterization of a pH-dependent regulatory switch and a C-terminal extension that largely dictates DNA substrate preferences. <i>Nucleic Acids Research</i> , 2017, 45, 9030-9045.	6.5	6
32	PL3 Amidase, a Tailor-made Lysin Constructed by Domain Shuffling with Potent Killing Activity against <i>Pneumococci</i> and Related Species. <i>Frontiers in Microbiology</i> , 2016, 7, 1156.	1.5	41
33	Metal-Induced Stabilization and Activation of Plasmid Replication Initiator RepB. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 56.	1.6	6
34	Molecular Basis of Orb2 Amyloidogenesis and Blockade of Memory Consolidation. <i>PLoS Biology</i> , 2016, 14, e1002361.	2.6	77
35	Catalyst-Free Cycloaddition Reaction for the Synthesis of Glyconanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28136-28142.	4.0	7
36	Drought and detritivores determine leaf litter decomposition in calcareous streams of the Ebro catchment (Spain). <i>Science of the Total Environment</i> , 2016, 573, 1450-1459.	3.9	30

#	ARTICLE	IF	CITATIONS
37	Heterogeneity in leaf litter decomposition in a temporary Mediterranean stream during flow fragmentation. <i>Science of the Total Environment</i> , 2016, 553, 330-339.	3.9	52
38	Calcium-dependent oligomerization of CAR proteins at cell membrane modulates ABA signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E396-405.	3.3	72
39	Substrate recognition and catalysis by LytB, a pneumococcal peptidoglycan hydrolase involved in virulence. <i>Scientific Reports</i> , 2015, 5, 16198.	1.6	30
40	Characterization of Phospho-(Tyrosine)-Mimetic Calmodulin Mutants. <i>PLoS ONE</i> , 2015, 10, e0120798.	1.1	23
41	Structure and Sialyllactose Binding of the Carboxy-Terminal Head Domain of the Fibre from a Siadenovirus, Turkey Adenovirus 3. <i>PLoS ONE</i> , 2015, 10, e0139339.	1.1	25
42	Effects of water flow regulation on ecosystem functioning in a Mediterranean river network assessed by wood decomposition. <i>Science of the Total Environment</i> , 2015, 517, 57-65.	3.9	25
43	A novel chimeric phage lysin with high <i>in vitro</i> and <i>in vivo</i> bactericidal activity against <i>Streptococcus pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1763-1773.	1.3	98
44	Exploring Multimodularity in Plant Cell Wall Deconstruction. <i>Journal of Biological Chemistry</i> , 2015, 290, 17116-17130.	1.6	19
45	In Vitro Bactericidal and Bacteriolytic Activity of Ceragenin CSA-13 against Planktonic Cultures and Biofilms of <i>Streptococcus pneumoniae</i> and Other Pathogenic Streptococci. <i>PLoS ONE</i> , 2014, 9, e101037.	1.1	22
46	Natural single amino acid polymorphism (F19Y) in human galectin-6: detection of structural alterations and increased growth-regulatory activity on tumor cells. <i>FEBS Journal</i> , 2014, 281, 1446-1464.	2.2	40
47	Three-dimensional structure of the actinoporin sticholysin I. Influence of long-distance effects on protein function. <i>Archives of Biochemistry and Biophysics</i> , 2013, 532, 39-45.	1.4	47
48	Leaf litter decomposition of native and introduced tree species of contrasting quality in headwater streams: How does the regional setting matter?. <i>Science of the Total Environment</i> , 2013, 458-460, 197-208.	3.9	36
49	Improving the Lethal Effect of Cpl-7, a Pneumococcal Phage Lysozyme with Broad Bactericidal Activity, by Inverting the Net Charge of Its Cell Wall-Binding Module. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5355-5365.	1.4	89
50	Fine-tuning of prototype chicken galectins: structure of CG-2 and structure-activity correlations. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1665-1676.	2.5	11
51	Common Features at the Start of the Neurodegeneration Cascade. <i>PLoS Biology</i> , 2012, 10, e1001335.	2.6	60
52	The Role of Capsid Maturation on Adenovirus Priming for Sequential Uncoating. <i>Journal of Biological Chemistry</i> , 2012, 287, 31582-31595.	1.6	82
53	The Nanomechanics of Neurotoxic Proteins Reveals Common Features at the Start of the Neurodegeneration Cascade. <i>Biophysical Journal</i> , 2012, 102, 633a.	0.2	0
54	Mechanical Properties of β -Catenin Revealed by Single-Molecule Experiments. <i>Biophysical Journal</i> , 2012, 103, 1744-1752.	0.2	28

#	ARTICLE	IF	CITATIONS
55	Fluorinated Carbohydrates as Lectin Ligands: Biorelevant Sensors with Capacity to Monitor Anomer Affinity in ¹⁹ F-NMR-Based Inhibitor Screening. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4354-4364.	1.2	20
56	Effect of small reservoirs on leaf litter decomposition in Mediterranean headwater streams. <i>Hydrobiologia</i> , 2012, 691, 135-146.	1.0	30
57	Interactions of gemini surfactants with two model proteins: NMR, CD, and fluorescence spectroscopies. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 245-255.	5.0	33
58	Thermal Stability of Cpl-7 Endolysin from the <i>Streptococcus pneumoniae</i> Bacteriophage Cp-7; Cell Wall-Targeting of Its CW ₇ Motifs. <i>PLoS ONE</i> , 2012, 7, e46654.	1.1	18
59	Leaf-litter decomposition in headwater streams: a comparison of the process among four climatic regions. <i>Journal of the North American Benthological Society</i> , 2011, 30, 935-950.	3.0	52
60	Symmetric dithiodigalactoside: strategic combination of binding studies and detection of selectivity between a plant toxin and human lectins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5445.	1.5	47
61	On the Role of Flexibility in Protein-Ligand Interactions: the Example of p53 Tetramerization Domain. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1463-1469.	1.7	17
62	Leaf litter breakdown in Mediterranean streams: effect of dissolved inorganic nutrients. <i>Hydrobiologia</i> , 2011, 669, 143-155.	1.0	20
63	Inter- and Intra-Regional Variability of Leaf Litter Breakdown in Reference Headwater Streams of Northern Spain: Atlantic versus Mediterranean Streams. <i>International Review of Hydrobiology</i> , 2011, 96, 105-117.	0.5	16
64	High-resolution structural insights on the sugar-recognition and fusion tag properties of a versatile Î²-trefoil lectin domain from the mushroom <i>Laetiporus sulphureus</i> . <i>Glycobiology</i> , 2011, 21, 1349-1361.	1.3	34
65	The MobM relaxase domain of plasmid pMV158: thermal stability and activity upon Mn ²⁺ and specific DNA binding. <i>Nucleic Acids Research</i> , 2011, 39, 4315-4329.	6.5	29
66	Cpl-7, a Lysozyme Encoded by a Pneumococcal Bacteriophage with a Novel Cell Wall-binding Motif*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33184-33196.	1.6	44
67	Lactose Binding to Galectin-1 Modulates Structural Dynamics, Increases Conformational Entropy, and Occurs with Apparent Negative Cooperativity. <i>Journal of Molecular Biology</i> , 2010, 397, 1209-1230.	2.0	95
68	N-domain of human adhesion/growth-regulatory galectin-9: Preference for distinct conformers and non-sialylated N-glycans and detection of ligand-induced structural changes in crystal and solution. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1019-1029.	1.2	47
69	3-Hydroxyphenylpropionate and Phenylpropionate Are Synergistic Activators of the MhpR Transcriptional Regulator from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 21218-21228.	1.6	28
70	On the remarkable mechanostability of scaffoldins and the mechanical clamp motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13791-13796.	3.3	116
71	Response of early <i>Ruppia cirrhosa</i> litter breakdown to nutrient addition in a coastal lagoon affected by agricultural runoff. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 82, 608-614.	0.9	22
72	Characterization of Ejl, the cell-wall amidase coded by the pneumococcal bacteriophage Ej-1. <i>Protein Science</i> , 2009, 11, 1788-1799.	3.1	18

#	ARTICLE	IF	CITATIONS
73	NMR-Based Analysis of Aminoglycoside Recognition by the Resistance Enzyme ANT(4â€²): The Pattern of OH/NH3+Substitution Determines the Preferred Antibiotic Binding Mode and Is Critical for Drug Inactivation. <i>Journal of the American Chemical Society</i> , 2008, 130, 5086-5103.	6.6	18
74	Leaf growth, senescence and decomposition of <i>Juncus maritimus</i> Lam. in a coastal Mediterranean marsh. <i>Aquatic Botany</i> , 2008, 89, 365-371.	0.8	22
75	Stability and structural recovery of the tetramerization domain of p53-R337H mutant induced by a designed templating ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16426-16431.	3.3	81
76	Insights into the Structure-Function Relationships of Pneumococcal Cell Wall Lysozymes, LytC and Cpl-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 28618-28628.	1.6	22
77	Elucidation of the Molecular Recognition of Bacterial Cell Wall by Modular Pneumococcal Phage Endolysin CPL-1. <i>Journal of Biological Chemistry</i> , 2007, 282, 24990-24999.	1.6	61
78	The Interactions of Cell Division Protein FtsZ with Guanine Nucleotides. <i>Journal of Biological Chemistry</i> , 2007, 282, 37515-37528.	1.6	65
79	Insights into Molecular Plasticity of Choline Binding Proteins (Pneumococcal Surface Proteins) by SAXS. <i>Journal of Molecular Biology</i> , 2007, 365, 411-424.	2.0	23
80	Litter Decomposition of <i>Scirpus maritimus</i> L. in a Mediterranean Coastal Marsh: Importance of the Meiofauna during the Initial Phases of Detached Leaves Decomposition. <i>International Review of Hydrobiology</i> , 2007, 92, 211-226.	0.5	8
81	The role of cofactor binding in tryptophan accessibility and conformational stability of His-tagged d-amino acid oxidase from <i>Trigonopsis variabilis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 556-565.	1.1	13
82	Geratology and decomposition of <i>Spartina versicolor</i> in a brackish Mediterranean marsh. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 74, 320-330.	0.9	28
83	Comparative Study and Mutational Analysis of Distinctive Structural Elements of Hyperthermophilic Enzymes. <i>Protein Journal</i> , 2007, 26, 435-444.	0.7	6
84	Spatial distribution and biomass of aquatic rooted macrophytes and their relevance in the metabolism of a Mediterranean coastal lagoon. <i>Scientia Marina</i> , 2007, 71, 57-64.	0.3	15
85	Zinc Ions Induce the Unfolding and Self-Association of Boar Spermadhesin PSP-I, a Protein with a Single CUB Domain Architecture, and Promote Its Binding to Heparin. <i>Biochemistry</i> , 2006, 45, 8227-8235.	1.2	16
86	Synthetic Ligands Able to Interact with the P53 Tetramerization Domain. Towards Understanding a Protein Surface Recognition Event. <i>ChemBioChem</i> , 2006, 7, 1105-1113.	1.3	16
87	Unravelling the structure of the pneumococcal autolytic lysozyme. <i>Biochemical Journal</i> , 2005, 391, 41-49.	1.7	13
88	Pneumococcal phosphorylcholine esterase, Pce, contains a metal binuclear center that is essential for substrate binding and catalysis. <i>Protein Science</i> , 2005, 14, 3013-3024.	3.1	10
89	Insights into pneumococcal pathogenesis from the crystal structure of the modular teichoic acid phosphorylcholine esterase Pce. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 533-538.	3.6	89
90	Analysis of the stability of the spermadhesin PSP-I/PSP-II heterodimer. Effects of Zn ²⁺ and acidic pH. <i>FEBS Journal</i> , 2005, 272, 5663-5670.	2.2	7

#	ARTICLE	IF	CITATIONS
91	Crystallization and preliminary X-ray diffraction studies of the pneumococcal teichoic acid phosphorylcholine esterase Pce. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 221-224.	0.7	11
92	Decomposition of the common reed <i>Phragmites australis</i> in a Mediterranean stream pond. <i>Archiv für Hydrobiologie</i> , 2005, 163, 101-115.	1.1	8
93	Thermodynamic Evidence for Ca ²⁺ -Mediated Self-Aggregation of Lewis X Gold Glyconanoparticles. A Model for Cell Adhesion via Carbohydrate-Carbohydrate Interaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 6192-6197.	6.6	121
94	Effect of nutrient pulses on photosynthesis of <i>Chaetomorpha linum</i> from a shallow Mediterranean coastal lagoon. <i>Aquatic Botany</i> , 2005, 82, 181-192.	0.8	23
95	Structural and Thermodynamic Characterization of Pal, a Phage Natural Chimeric Lysin Active against <i>Pneumococci</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 43697-43707.	1.6	35
96	In Vitro Disassembly of a Parvovirus Capsid and Effect on Capsid Stability of Heterologous Peptide Insertions in Surface Loops. <i>Journal of Biological Chemistry</i> , 2004, 279, 6517-6525.	1.6	62
97	Spatial and temporal scales for monitoring coastal aquatic ecosystems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2004, 14, S5-S17.	0.9	26
98	Variability of Organic Matter Processing in a Mediterranean Coastal Lagoon. <i>International Review of Hydrobiology</i> , 2004, 89, 476-483.	0.5	18
99	Structural features of the initiator of replication protein RepB encoded by the promiscuous plasmid pMV158. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1696, 113-119.	1.1	13
100	Calorimetric Study of the Interaction of the C2 Domains of Classical Protein Kinase C Isoenzymes with Ca ²⁺ and Phospholipids. <i>Biochemistry</i> , 2004, 43, 11727-11739.	1.2	41
101	Thermodynamic stability of the C-terminal domain of the human inducible heat shock protein 70. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1699, 45-56.	1.1	8
102	Characterization of Liposomal Tacrolimus in Lung Surfactant-like Phospholipids and Evaluation of Its Immunosuppressive Activity. <i>Biochemistry</i> , 2004, 43, 9926-9938.	1.2	32
103	Structural Stability of the PsbQ Protein of Higher Plant Photosystem II. <i>Biochemistry</i> , 2004, 43, 14171-14179.	1.2	4
104	Thermodynamic stability of the C-terminal domain of the human inducible heat shock protein 70. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1699, 45-56.	1.1	24
105	Title is missing!. <i>Hydrobiologia</i> , 2003, 495, 159-169.	1.0	41
106	Effect of nutrients on decomposition of <i>Ruppia cirrhosa</i> in a shallow coastal lagoon. <i>Hydrobiologia</i> , 2003, 506-509, 729-735.	1.0	23
107	Structural Basis for Selective Recognition of <i>Pneumococcal</i> Cell Wall by Modular Endolysin from Phage Cp-1. <i>Structure</i> , 2003, 11, 1239-1249.	1.6	149
108	Net production of <i>Ruppia cirrhosa</i> in the Ebro Delta. <i>Aquatic Botany</i> , 2002, 73, 107-113.	0.8	25

#	ARTICLE	IF	CITATIONS
109	The Impact of R53C Mutation on the Three-Dimensional Structure, Stability, and DNA-Binding Properties of the Human Hesx-1 Homeodomain. <i>ChemBioChem</i> , 2002, 3, 726.	1.3	12
110	Crystallization and preliminary X-ray diffraction studies of the complete modular endolysin from Cp-1, a phage infecting <i>Streptococcus pneumoniae</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1487-1489.	2.5	2
111	Effect of nitrogen and phosphorus supply on growth, chlorophyll content and tissue composition of the macroalga <i>Chaetomorpha linum</i> ; (O.F. MAÿll), KÄ¼tz, in a Mediterranean Coastal Lagoon. <i>Scientia Marina</i> , 2002, 66, 355-364.	0.3	52
112	Restoration of Wetlands from Abandoned Rice Fields for Nutrient Removal, and Biological Community and Landscape Diversity. <i>Restoration Ecology</i> , 2001, 9, 201-208.	1.4	72
113	Comparison of Leaf Decomposition in Two Mediterranean Rivers: a Large Eutrophic River and an Oligotrophic Stream (S Catalonia, NE Spain). <i>International Review of Hydrobiology</i> , 2001, 86, 475-486.	0.5	29
114	A comparative study of the effect of pH and inorganic carbon resources on the photosynthesis of three floating macroalgae species of a Mediterranean coastal lagoon. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 256, 123-136.	0.7	65
115	Do sequence repeats play an equivalent role in the choline-binding module of pneumococcal LytA amidase?. <i>Journal of Biological Chemistry</i> , 2000, 275, 26842-55.	1.6	21
116	Do Sequence Repeats Play an Equivalent Role in the Choline-binding Module of Pneumococcal LytA Amidase?. <i>Journal of Biological Chemistry</i> , 2000, 275, 26842-26855.	1.6	33
117	ATP hydrolysis induces an intermediate conformational state in GroEL. <i>FEBS Journal</i> , 1999, 259, 347-355.	0.2	10
118	Hydrogen exchange in ribonuclease A and ribonuclease S: evidence for residual structure in the unfolded state under native conditions 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1999, 285, 627-643.	2.0	67
119	Incorporation of MAL, an Integral Protein Element of the Machinery for the Glycolipid and Cholesterol-Mediated Apical Pathway of Transport, into Artificial Membranes Requires Neither of These Lipid Species. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 330-333.	1.0	11
120	Seasonal variations in Pâ€“I responses of <i>Chara hispida</i> L. and <i>Potamogeton pectinatus</i> L. from stream mediterranean ponds. <i>Aquatic Botany</i> , 1998, 61, 1-15.	0.8	35
121	Control of the Structural Stability of the Tubulin Dimer by One High Affinity Bound Magnesium Ion at Nucleotide N-site. <i>Journal of Biological Chemistry</i> , 1998, 273, 167-176.	1.6	79
122	Structural Domain Organization of Gastric H ⁺ ,K ⁺ -ATPase and Its Rearrangement during the Catalytic Cycle. <i>Journal of Biological Chemistry</i> , 1997, 272, 1608-1614.	1.6	12
123	Structure of 3-nitroprazole in solution and in the solid state. , 1997, 10, 637-645.		22
124	Thermodynamics of Î±-Cyclodextrinâˆ’p-Nitrophenyl Glycoside Complexes. A Simple System To Understand the Energetics of Carbohydrate Interactions in Water. <i>Journal of Organic Chemistry</i> , 1996, 61, 6790-6798.	1.7	20
125	Thermal stability of <i>Artemia</i> HGPRT: effect of substrates on inactivation kinetics. <i>International Journal of Biological Macromolecules</i> , 1996, 18, 255-262.	3.6	4
126	Dimerization of A82846B, Vancomycin and Ristocetin: Influence on Antibiotic Complexation with Cell Wall Model Peptides.. <i>Journal of Antibiotics</i> , 1996, 49, 181-193.	1.0	22

#	ARTICLE	IF	CITATIONS
127	Structural Characterization of the Unligated and Choline-bound Forms of the Major Pneumococcal Autolysin LytA Amidase. <i>Journal of Biological Chemistry</i> , 1996, 271, 29152-29161.	1.6	36
128	Structural Organization of the Major Autolysin from <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 6832-6838.	1.6	54
129	Analysis of the Structural Organization and Thermal Stability of two Spermadhesins. Calorimetric, Circular Dichroic and Fourier-Transform Infrared Spectroscopic Studies. <i>FEBS Journal</i> , 1995, 234, 887-896.	0.2	33
130	Iminophosphorane-substituted proton sponges. Part 4. Comparison of X-ray molecular structures with solution properties (pKa, 1H and 13C NMR spectroscopy). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 709-713.	0.9	33
131	Thermodynamics of ligand-induced assembly of tubulin. <i>Biochemistry</i> , 1993, 32, 10067-10077.	1.2	99
132	Mechanism of binding of the new antimetabolic drug MDL 27048 to the colchicine site of tubulin: Equilibrium studies. <i>Biochemistry</i> , 1992, 31, 11125-11132.	1.2	56
133	Differential scanning calorimetric study of the thermal unfolding of β -lactamase I from <i>Bacillus cereus</i> . <i>Biochemistry</i> , 1992, 31, 6603-6607.	1.2	19
134	Effect of the replacement of a methyl by a trifluoromethyl group on the acid-base properties of pyrazoles. <i>Journal of Organic Chemistry</i> , 1991, 56, 3942-3947.	1.7	35
135	Proposals for macrophyte restoration in eutrophic coastal lagoons. <i>Hydrobiologia</i> , 1990, 200-201, 427-436.	1.0	25
136	Basicity and acidity of azoles: the annelation effect in azoles. <i>Journal of the American Chemical Society</i> , 1988, 110, 4105-4111.	6.6	127
137	Thermodynamics properties of pyridoxal 5 phosphate. <i>Journal of Solution Chemistry</i> , 1986, 15, 151-156.	0.6	10
138	AMP interaction sites in glycogen phosphorylase b A thermodynamic analysis. <i>Biophysical Chemistry</i> , 1985, 21, 249-260.	1.5	3
139	Basicity of azoles. VII. Basicity of α -aminopyrazoles in relation to tautomeric and protonation studies. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 997-1000.	1.4	24
140	Analysis of the inhibitor binding to the nucleoside site of phosphorylase. <i>International Journal of Biological Macromolecules</i> , 1984, 6, 58-64.	3.6	1
141	Regulation of Phosphorylase b by AMP. <i>Journal of Biochemistry</i> , 1980, 87, 1483-1490.	0.9	11
142	Thermodynamics of nucleotides binding to phosphorylase b. <i>Biophysical Chemistry</i> , 1979, 9, 263-271.	1.5	3