

# Rachid C Maroun Or Rachid Maroun

## List of Publications by Year in descending order

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32  
papers

1,035  
citations

430874

18  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Snake venom serine proteinases: sequence homology vs. substrate specificity, a paradox to be solved. <i>Toxicon</i> , 2005, 45, 1115-1132.	1.6	287
2	Multiplex epithelium dysfunction due to CLDN10 mutation: the HELIX syndrome. <i>Genetics in Medicine</i> , 2018, 20, 190-201.	2.4	75
3	Base sequence effects in double-helical DNA. III. Average properties of curved dna. <i>Biopolymers</i> , 1988, 27, 585-603.	2.4	65
4	Trimeresurus stejnegeri Snake Venom Plasminogen Activator. <i>Journal of Biological Chemistry</i> , 1997, 272, 20531-20537.	3.4	55
5	Deciphering the GPER/GPR30-agonist and antagonists interactions using molecular modeling studies, molecular dynamics, and docking simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 2161-2172.	3.5	53
6	Base sequence effects in double-helical DNA. II. Configurational statistics of rodlike chains. <i>Biopolymers</i> , 1988, 27, 561-584.	2.4	47
7	Characterization of a human coagulation factor Xa-binding site on Viperidae snake venom phospholipases A2 by affinity binding studies and molecular bioinformatics. <i>BMC Structural Biology</i> , 2007, 7, 82.	2.3	47
8	Toxicity evolution of <i>Vipera aspis aspis</i> venom: identification and molecular modeling of a novel phospholipase A2 heterodimer neurotoxin1. <i>FEBS Letters</i> , 2002, 527, 263-268.	2.8	42
9	The Contribution of Residues 192 and 193 to the Specificity of Snake Venom Serine Proteinases. <i>Journal of Biological Chemistry</i> , 2000, 275, 1823-1828.	3.4	37
10	Identification and molecular structural prediction analysis of a toxicity determinant in the <i>Bacillus sphaericus</i> crystal larvicidal toxin. <i>FEBS Journal</i> , 2001, 268, 2751-2760.	0.2	37
11	Solution conformations of the pituitary opioid peptide dynorphin-(1-13). <i>Biochemical and Biophysical Research Communications</i> , 1981, 103, 442-446.	2.1	32
12	<i>Entamoeba histolytica</i> : inhibition of cellular functions by overexpression of EhGEF1, a novel Rho/Rac guanine nucleotide exchange factor. <i>Experimental Parasitology</i> , 2005, 109, 150-162.	1.2	32
13	YB-1, an abundant core mRNA-binding protein, has the capacity to form an RNA nucleoprotein filament: a structural analysis. <i>Nucleic Acids Research</i> , 2019, 47, 3127-3141.	14.5	32
14	Synthesis and structure-activity studies of a series of [(hydroxybenzyl)amino]salicylates as inhibitors of EGF receptor-associated tyrosine kinase activity. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 4094-4098.	6.4	31
15	Combining phage display and molecular modeling to map the epitope of a neutralizing antitoxin antibody. <i>FEBS Journal</i> , 2000, 267, 2345-2353.	0.2	20
16	Bioinformatics and Functional Analysis of an <i>Entamoeba histolytica</i> Mannosyltransferase Necessary for Parasite Complement Resistance and Hepatic Infection. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e165.	3.0	20
17	<sup>1</sup> H and <sup>31</sup> P nuclear magnetic resonance studies of the differences in DNA deformation induced by anti-tumoral 7H-pyrido[4,3-c]carbazole dimers. <i>Journal of Molecular Biology</i> , 1989, 210, 211-228.	4.2	19
18	Preferred antagonist binding state of the N-methyl-D-aspartate receptor: synthesis, pharmacology, and computer modeling of (phosphonomethyl)phenylalanine derivatives. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 2551-2562.	6.4	19

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19	Mutations in zinc finger 407 [ZNF407] cause a unique autosomal recessive cognitive impairment syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 80.	2.7	17
20	Identification of the substrate-binding exosites of two snake venom serine proteinases: molecular basis for the partition of two essential functions of thrombin. <i>Journal of Molecular Recognition</i> , 2004, 17, 51-61.	2.1	15
21	Lin28, a major translation reprogramming factor, gains access to YB-1-packaged mRNA through its cold-shock domain. <i>Communications Biology</i> , 2021, 4, 359.	4.4	13
22	Intercalative Binding of Ditercalinium to d(CpGpCpG) <sub>2</sub> : A Theoretical Study. <i>Journal of Biomolecular Structure and Dynamics</i> , 1989, 7, 607-621.	3.5	11
23	A theoretical investigation of the intercalative binding of 7-H pyrido[4.3C]carbazole chromophore into a d(CpG) <sub>2</sub> minihelix. <i>Biopolymers</i> , 1989, 28, 835-849.	2.4	6
24	Homology modeling of the structure of acyl coA:isopenicillin N-acyltransferase (IAT) from <i>Penicillium chrysogenum</i> . IAT interaction studies with isopenicillin-N, combining molecular dynamics simulations and docking. <i>Journal of Molecular Modeling</i> , 2012, 18, 1189-1205.	1.8	5
25	Getting to know each other: PPIMem, a novel approach for predicting transmembrane protein-protein complexes. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5184-5197.	4.1	5
26	Electrostatic interactions in ionic homopolypeptides in solutions of moderate ionic strength. <i>Biopolymers</i> , 1981, 20, 2181-2194.	2.4	4
27	Molecular dynamics of the histamine H3 membrane receptor reveals different mechanisms of GPCR signal transduction. <i>Scientific Reports</i> , 2020, 10, 16889.	3.3	4
28	Induction of DNA bending by bifunctional intercalating agents of the 7H-pyridocarbazole family. <i>Biophysical Chemistry</i> , 1991, 39, 45-56.	2.8	2
29	Triangular matrix representation of dimensionless helical hydrophobic moment ratios. <i>International Journal of Biological Macromolecules</i> , 1986, 8, 73-78.	7.5	1
30	Molecular Modeling of an Active Loop Structure in Lysozyme. Sequence Effects or Crystal Packing?. <i>Journal of Biomolecular Structure and Dynamics</i> , 1999, 16, 873-889.	3.5	1
31	Influence of l-cystinyl side-chain configurations on the melting of crosslinked $\hat{I}\pm$ -tropomyosin dimers. <i>BBA - Proteins and Proteomics</i> , 1984, 784, 133-139.	2.1	0
32	Why computational methods for the study of biological macromolecules and their effectors?. <i>Boletín Médico Del Hospital Infantil De México</i> , 2016, 73, 363-364.	0.3	0