

# Annalaura Sabatucci

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

391  
citations

840776

11  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Self-Recognition and Self-Assembly of Folic Acid Salts in Isotropic Water Solution. <i>Helvetica Chimica Acta</i> , 1996, 79, 220-234.	1.6	43
2	Membrane lipids are key modulators of the endocannabinoid-hydrolase FAAH. <i>Biochemical Journal</i> , 2014, 457, 463-472.	3.7	42
3	Structural Stability of Soybean Lipoxygenase-1 in Solution as Probed by Small Angle X-ray Scattering. <i>Journal of Molecular Biology</i> , 2005, 349, 143-152.	4.2	39
4	Structural Characterization of the Ceruloplasmin: Lactoferrin Complex in Solution. <i>Journal of Molecular Biology</i> , 2007, 371, 1038-1046.	4.2	31
5	A novel role for iron in modulating the activity and membrane-binding ability of a trimmed soybean lipoxygenase-1. <i>FASEB Journal</i> , 2010, 24, 1725-1736.	0.5	26
6	The endocannabinoid hydrolase FAAH is an allosteric enzyme. <i>Scientific Reports</i> , 2020, 10, 2292.	3.3	26
7	<i>In silico</i> mapping of allosteric ligand binding sites in type-1 cannabinoid receptor. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 21-28.	3.1	25
8	Structural Properties of Plant and Mammalian Lipoxygenases. Temperature-Dependent Conformational Alterations and Membrane Binding Ability. <i>Biochemistry</i> , 2008, 47, 9234-9242.	2.5	23
9	Conformational Changes of Calpain from Human Erythrocytes in the Presence of Ca <sup>2+</sup> . <i>Journal of Biological Chemistry</i> , 2002, 277, 40296-40301.	3.4	22
10	Impact of Embedded Endocannabinoids and Their Oxygenation by Lipoxygenase on Membrane Properties. <i>ACS Chemical Neuroscience</i> , 2012, 3, 386-392.	3.5	14
11	Comparison of the X-ray absorption properties of the binuclear active site of molluscan and arthropodan hemocyanins. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 120-128.	2.6	12
12	Saccharose solid matrix embedded proteins: a new method for sample preparation for X-ray absorption spectroscopy. <i>European Biophysics Journal</i> , 2000, 29, 391-397.	2.2	11
13	SAXS investigation on the temperature dependence of the conformation of <i>Carcinus aestuarii</i> 5S hemocyanin subunit. <i>Journal of Molecular Structure</i> , 1999, 475, 73-82.	3.6	10
14	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 740, 138-146.	1.6	9
15	Role of Steroids on the Membrane Binding Ability of Fatty Acid Amide Hydrolase. <i>Cannabis and Cannabinoid Research</i> , 2019, 4, 42-50.	2.9	9
16	5-Lipoxygenase and cyclooxygenase-2 in the lungs of pigs naturally affected by enzootic pneumonia and porcine pleuropneumonia. <i>Research in Veterinary Science</i> , 2012, 93, 898-903.	1.9	8
17	Domain mobility as probed by small-angle X-ray scattering may account for substrate access to the active site of two copper-dependent amine oxidases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2101-2110.	2.5	8
18	Modulation of Endocannabinoid-Binding Receptors in Human Neuroblastoma Cells by Tunicamycin. <i>Molecules</i> , 2019, 24, 1432.	3.8	8

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19	Amine oxidase from <i>Euphorbia characias</i> : Kinetic and structural characterization. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 81-88.	3.1	7
20	Controlled spermatozoa-oocyte interaction improves embryo quality in sheep. <i>Scientific Reports</i> , 2021, 11, 22629.	3.3	6
21	Comparative structural analysis of low-molecular mass fragments of <i>Rapana venosa</i> hemocyanin obtained using two different procedures. <i>Journal of Structural Biology</i> , 2005, 149, 127-137.	2.8	4
22	Small Angle X-Ray Scattering: A Powerful Tool to Analyze Protein Conformation in Solution. <i>Current Organic Chemistry</i> , 2005, 9, 1781-1800.	1.6	2
23	Measuring ECS Interaction with Biomembranes. <i>Methods in Molecular Biology</i> , 2016, 1412, 267-276.	0.9	1
24	A Clinical Update of the Hb Siirt [ <sup>27</sup> (B9)Ala <sup>†</sup> Gly; <i>HBB</i> : c.83C>G] Hemoglobin Variant. <i>Hemoglobin</i> , 2017, 41, 53-55.	0.8	1
25	Structure of a nucleotide pyrophosphatase/phosphodiesterase (NPP) from <i>Euphorbia characias</i> latex characterized by small-angle X-ray scattering: clues for the general organization of plant NPPs. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 857-867.	2.3	1
26	Molecular events involved in the activation of calpain from human erythrocytes. <i>Spectroscopy</i> , 2004, 18, 301-309.	0.8	0