

# Sara Ragucci

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

559  
citations

623574

14  
h-index

752573

20  
g-index

44  
all docs

44  
docs citations

44  
times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and antipathogenic activities of ribosome-inactivating proteins from <i>Phytolacca dioica</i> L.. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1256-1264.	1.1	38
2	Purification, characterization and cytotoxicity assessment of Ageritin: The first ribotoxin from the basidiomycete mushroom <i>Agrocybe aegerita</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1113-1121.	1.1	35
3	Ageritin, a Ribotoxin from Poplar Mushroom ( <i>Agrocybe aegerita</i> ) with Defensive and Antiproliferative Activities. <i>ACS Chemical Biology</i> , 2019, 14, 1319-1327.	1.6	30
4	Amino Acid Composition of Milk from Cow, Sheep and Goat Raised in Ailano and Valle Agricola, Two Localities of "Alto Casertano" (Campania Region). <i>Foods</i> , 2021, 10, 2431.	1.9	28
5	Novel bioactive peptides from PD-L1/2, a type 1 ribosome inactivating protein from <i>Phytolacca dioica</i> L. Evaluation of their antimicrobial properties and anti-biofilm activities. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1425-1435.	1.4	24
6	An Updated Review of Bioactive Peptides from Mushrooms in a Well-Defined Molecular Weight Range. <i>Toxins</i> , 2022, 14, 84.	1.5	23
7	A new active antimicrobial peptide from PD-L4, a type 1 ribosome inactivating protein of <i>Phytolacca dioica</i> L.: A new function of RIPs for plant defence?. <i>FEBS Letters</i> , 2015, 589, 2812-2818.	1.3	22
8	Ageritin from Pioppino Mushroom: The Prototype of Ribotoxin-Like Proteins, a Novel Family of Specific Ribonucleases in Edible Mushrooms. <i>Toxins</i> , 2021, 13, 263.	1.5	22
9	Pioppino mushroom in southern Italy: an undervalued source of nutrients and bioactive compounds. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 5388-5397.	1.7	19
10	Structural and enzymatic properties of Ageritin, a novel metal-dependent ribotoxin-like protein with antitumor activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2888-2894.	1.1	18
11	Structural insights into nucleotide and protein sequence of Ageritin: a novel prototype of fungal ribotoxin. <i>Journal of Biochemistry</i> , 2019, 165, 415-422.	0.9	18
12	The ribotoxin-like protein Ostreatin from <i>Pleurotus ostreatus</i> fruiting bodies: Confirmation of a novel ribonuclease family expressed in basidiomycetes. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1329-1336.	3.6	16
13	Quinoa as source of type 1 ribosome inactivating proteins: A novel knowledge for a revision of its consumption. <i>Food Chemistry</i> , 2021, 342, 128337.	4.2	16
14	Valle Agricola lentil, an unknown lentil ( <i>Lens culinaris</i> Medik.) seed from Southern Italy as a novel antioxidant and prebiotic source. <i>Food and Function</i> , 2015, 6, 3155-3164.	2.1	15
15	Ageritin from poplar mushrooms: scale-up purification and cytotoxicity towards undifferentiated and differentiated SH-SY5Y cells. <i>Food and Function</i> , 2019, 10, 6342-6350.	2.1	15
16	Molecular characterization of myoglobin from <i>Sciurus vulgaris meridionalis</i> : Primary structure, kinetics and spectroscopic studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 499-509.	1.1	14
17	Exploring the Interaction between the SWI/SNF Chromatin Remodeling Complex and the Zinc Finger Factor CTCF. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8950.	1.8	14
18	Binding of a type 1 RIP and of its chimeric variant to phospholipid bilayers: evidence for a link between cytotoxicity and protein/membrane interactions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2106-2112.	1.4	12

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19	Ribotoxin-like proteins from <i>Boletus edulis</i> : structural properties, cytotoxicity and in vitro digestibility. <i>Food Chemistry</i> , 2021, 359, 129931.	4.2	12
20	Antifungal Activity of Î±-Sarcin against <i>Penicillium digitatum</i> : Proposal of a New Role for Fungal Ribotoxins. <i>ACS Chemical Biology</i> , 2018, 13, 1978-1982.	1.6	11
21	Cytotoxicity Effect of Quinoin, Type 1 Ribosome-Inactivating Protein from Quinoa Seeds, on Glioblastoma Cells. <i>Toxins</i> , 2021, 13, 684.	1.5	11
22	Toxicity and membrane perturbation properties of the ribotoxin-like protein Ageritin. <i>Journal of Biochemistry</i> , 2021, 170, 473-482.	0.9	10
23	Ribotoxic Proteins, Known as Inhibitors of Protein Synthesis, from Mushrooms and Other Fungi According to Endoâ€™s Fragment Detection. <i>Toxins</i> , 2022, 14, 403.	1.5	10
24	Free amino acid profile of <i>Bubalus bubalis</i> L. meat from the Campania region. <i>Revista Brasileira De Zootecnia</i> , 2016, 45, 627-631.	0.3	9
25	Insight into the phylogenetic relationship and structural features of vertebrate myoglobin family. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 1041-1050.	3.6	9
26	Muskox myoglobin: purification, characterization and kinetics studies compared with cattle and water buffalo myoglobins. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 6278-6286.	1.7	9
27	Gene Organization, Expression, and Localization of Ribotoxin-Like Protein Ageritin in Fruiting Body and Mycelium of <i>Agrocybe aegerita</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 7158.	1.8	9
28	Valle Agricola Chickpeas: Nutritional Profile and Metabolomics Traits of a Typical Landrace Legume from Southern Italy. <i>Foods</i> , 2021, 10, 583.	1.9	9
29	The Structural Characterization and Antipathogenic Activities of Quinoin, a Type 1 Ribosome-Inactivating Protein from Quinoa Seeds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8964.	1.8	9
30	Characterization and cytotoxic activity of ribotoxin-like proteins from the edible mushroom <i>Pleurotus eryngii</i> . <i>Food Chemistry</i> , 2022, 396, 133655.	4.2	9
31	Binding and enzymatic properties of Ageritin, a fungal ribotoxin with novel zinc-dependent function. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 625-631.	3.6	8
32	Effect of an additional N-terminal methionyl residue on enzymatic and antifungal activities of Ageritin purified from <i>Agrocybe aegerita</i> fruiting bodies. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 1226-1235.	3.6	8
33	Antiviral Activity of PD-L1 and PD-L4, Type 1 Ribosome Inactivating Proteins from Leaves of <i>Phytolacca dioica</i> L. in the Pathosystem <i>Phaseolus vulgaris</i> â€™Tobacco Necrosis Virus (TNV). <i>Toxins</i> , 2020, 12, 524.	1.5	8
34	Myoglobin from common pheasant ( <i>Phasianus colchicus</i> L.): Purification and primary structure characterization. <i>Journal of Food Biochemistry</i> , 2018, 42, e12477.	1.2	7
35	Cannabidiolic acid in Hemp Seed Oil Table Spoon and Beyond. <i>Molecules</i> , 2022, 27, 2566.	1.7	7
36	Transglutaminase-mediated crosslinking of a host defence peptide derived from human apolipoprotein B and its effect on the peptide antimicrobial activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129803.	1.1	5

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37	Insight into the structural and functional features of myoglobin from <i>Hystrix cristata</i> L. and <i>Rangifer tarandus</i> L. <i>RSC Advances</i> , 2015, 5, 26388-26401.	1.7	4
38	Nutritional profiling of Eurasian woodcock meat: chemical composition and myoglobin characterization. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5120-5128.	1.7	4
39	A haem-peroxidase from the seeds of <i>Araujia sericifera</i> : Characterization and use as bio-tool to remove phenol from aqueous solutions. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101215.	1.5	3
40	Ca <sup>2+</sup> as activator of pseudoperoxidase activity of pigeon, Eurasian woodcock and chicken myoglobins: New features for meat preservation studies. <i>Food Chemistry</i> , 2021, 363, 130234.	4.2	2
41	Correlation of structure, function and protein dynamics in myoglobins from Eurasian woodcock, chicken and ostrich. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 851-866.	2.0	2
42	Ageritinâ€”The Ribotoxin-like Protein from Poplar Mushroom ( <i>Cyclocybe aegerita</i> ) Sensitizes Primary Glioblastoma Cells to Conventional Temozolomide Chemotherapy. <i>Molecules</i> , 2022, 27, 2385.	1.7	2
43	Myoglobin from Atlantic and Tinker mackerels: Purification, characterization and its possible use as a molecular marker. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 459-469.	3.6	2
44	Nutritional values and metabolic profile with and without boiled treatment of 'Gallo Matese' beans ( <i>Phaseolus vulgaris</i> L.), a landrace from Southern Italy. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2017, 16, 331-344.	0.2	1