

# Maria Luiza Vilela Oliva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1123282/publications.pdf>

Version: 2024-02-01

31  
papers

426  
citations

758635

12  
h-index

752256

20  
g-index

31  
all docs

31  
docs citations

31  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Functional Properties of Kunitz Proteinase Inhibitors from Leguminosae: A Mini Review. <i>Current Protein and Peptide Science</i> , 2011, 12, 348-357.	0.7	53
2	Crystal structure of a novel cysteinless plant Kunitz-type protease inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 735-740.	1.0	37
3	<i>Crataeva tapia</i> bark lectin is an affinity adsorbent and insecticidal agent. <i>Plant Science</i> , 2012, 183, 20-26.	1.7	37
4	The defensive functions of plant inhibitors are not restricted to insect enzyme inhibition. <i>Phytochemistry</i> , 2010, 71, 214-220.	1.4	27
5	Inhibitory selectivity of canecystatin: a recombinant cysteine peptidase inhibitor from sugarcane. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 1082-1086.	1.0	26
6	Antimicrobial and Antivirulence Action of <i>Eugenia brejoensis</i> Essential Oil in vitro and in vivo Invertebrate Models. <i>Frontiers in Microbiology</i> , 2020, 11, 424.	1.5	25
7	A Plant Proteinase Inhibitor from <i>Enterolobium contortisiliquum</i> Attenuates Pulmonary Mechanics, Inflammation and Remodeling Induced by Elastase in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 403.	1.8	21
8	The Impaired Viability of Prostate Cancer Cell Lines by the Recombinant Plant Kallikrein Inhibitor. <i>Journal of Biological Chemistry</i> , 2013, 288, 13641-13654.	1.6	19
9	The Plant-Derived <i>Bauhinia bauhinioides</i> Kallikrein Proteinase Inhibitor (rBbKI) Attenuates Elastase-Induced Emphysema in Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	18
10	The Plant Proteinase Inhibitor <i>CrataBL</i> Plays a Role in Controlling Asthma Response in Mice. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	15
11	Crystal structures of the recombinant $\hat{\Gamma}^2$ -factor XIIa protease with bound Thr-Arg and Pro-Arg substrate mimetics. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 578-591.	1.1	14
12	Identification of Angiotensin I-Converting Enzyme-Inhibitory and Anticoagulant Peptides from Enzymatic Hydrolysates of Chicken Combs and Wattles. <i>Journal of Medicinal Food</i> , 2019, 22, 1294-1300.	0.8	14
13	Plant Kunitz Inhibitors and Their Interaction with Proteases: Current and Potential Pharmacological Targets. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4742.	1.8	13
14	Blocking the Proliferation of Human Tumor Cell Lines by Peptidase Inhibitors from <i>Bauhinia</i> Seeds. <i>Planta Medica</i> , 2013, 79, 227-235.	0.7	12
15	A Bifunctional Molecule with Lectin and Protease Inhibitor Activities Isolated from <i>Crataeva tapia</i> Bark Significantly Affects Cocultures of Mesenchymal Stem Cells and Glioblastoma Cells. <i>Molecules</i> , 2019, 24, 2109.	1.7	12
16	<i>CrataBL</i> , a lectin and Factor Xa inhibitor, plays a role in blood coagulation and impairs thrombus formation. <i>Biological Chemistry</i> , 2014, 395, 1027-1035.	1.2	11
17	<i>Bauhinia</i> Proteinase Inhibitor-Based Synthetic Fluorogenic Substrates for Enzymes Isolated from Insect Midgut and Caterpillar Bristles. <i>Biological Chemistry</i> , 2003, 384, 489-92.	1.2	9
18	Effects of two protease inhibitors from <i>Bauhinia bauhinoides</i> with different specificity towards gut enzymes of <i>Nasutitermes corniger</i> and its survival. <i>Chemosphere</i> , 2019, 222, 364-370.	4.2	9

#	ARTICLE	IF	CITATIONS
19	Could a plant derived protein potentiate the anticancer effects of a stem cell in brain cancer?. <i>Oncotarget</i> , 2018, 9, 21296-21312.	0.8	9
20	Zoanthid mucus as new source of useful biologically active proteins. <i>Toxicon</i> , 2018, 143, 96-107.	0.8	8
21	A plant proteinase inhibitor from <i>Enterolobium contortisiliquum</i> attenuates airway hyperresponsiveness, inflammation and remodeling in a mouse model of asthma. <i>Histology and Histopathology</i> , 2019, 34, 537-552.	0.5	7
22	Differences in the Inhibitory Specificity Distinguish the Efficacy of Plant Protease Inhibitors on Mouse Fibrosarcoma. <i>Plants</i> , 2021, 10, 602.	1.6	6
23	The effects of <i>Enterolobium contortisiliquum</i> serine protease inhibitor on the survival of the termite <i>Nasutitermes corniger</i> , and its use as affinity adsorbent to purify termite proteases. <i>Pest Management Science</i> , 2019, 75, 632-638.	1.7	5
24	Interleukin-9 in Immunopathology of <i>Trypanosoma cruzi</i> Experimental Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 756521.	1.8	5
25	Identification of blood plasma proteins using heparin-coated magnetic chitosan particles. <i>Carbohydrate Polymers</i> , 2020, 247, 116671.	5.1	4
26	Silent arterial inflammation during the apparent remission state of Takayasu's arteritis. What do cytokines tell us?. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 111, 33-39.	0.4	4
27	Biotechnological Potential of <i>Araucaria angustifolia</i> Pine Nuts Extract and the Cysteine Protease Inhibitor AaCl-2S. <i>Plants</i> , 2020, 9, 1676.	1.6	3
28	Exosites expedite blood coagulation. <i>Journal of Biological Chemistry</i> , 2020, 295, 15208-15209.	1.6	1
29	<i>Bauhinia</i> Protease Inhibitors Attenuate Gastric Ulcer by Blocking Neutrophil Enzymes. <i>Planta Medica</i> , 2021, 87, 169-176.	0.7	1
30	The recombinant plant <i>Bauhinia bauhinioides</i> elastase inhibitor reduces rat thrombus without alterations in hemostatic parameters. <i>Scientific Reports</i> , 2021, 11, 13475.	1.6	1
31	Proliferation and Invasion of Melanoma Are Suppressed by a Plant Protease Inhibitor, Leading to Downregulation of Survival/Death-Related Proteins. <i>Molecules</i> , 2022, 27, 2956.	1.7	0