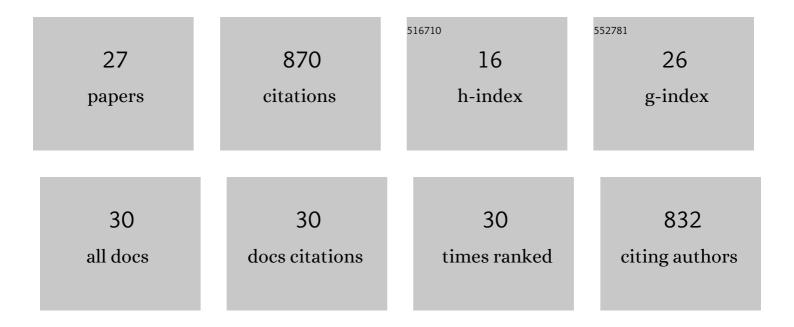
Marie-Claire Goulet

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Plant cystatins. Biochimie, 2010, 92, 1657-1666.	2.6	160
2	Recombinant protease inhibitors for herbivore pest control: a multitrophic perspective. Journal of Experimental Botany, 2010, 61, 4169-4183.	4.8	112
3	Tailoring the Specificity of a Plant Cystatin toward Herbivorous Insect Digestive Cysteine Proteases by Single Mutations at Positively Selected Amino Acid Sites. Plant Physiology, 2008, 146, 1010-1019.	4.8	69
4	Protection of Recombinant Mammalian Antibodies from Development-Dependent Proteolysis in Leaves of Nicotiana benthamiana. PLoS ONE, 2013, 8, e70203.	2.5	54
5	2â€ÐE proteome maps for the leaf apoplast of <i>Nicotiana benthamiana</i> . Proteomics, 2010, 10, 2536-2544.	2.2	53
6	Modulating the proteinase inhibitory profile of a plant cystatin by single mutations at positively selected amino acid sites. Plant Journal, 2006, 48, 403-413.	5.7	43
7	Tomato cystatin <i><scp>S</scp>l</i> <scp>CYS</scp> 8 as a stabilizing fusion partner for human serpin expression in plants. Plant Biotechnology Journal, 2013, 11, 1058-1068.	8.3	32
8	Modulating secretory pathway pH by proton channel coâ€expression can increase recombinant protein stability in plants. Biotechnology Journal, 2015, 10, 1478-1486.	3.5	32
9	An Accessory Protease Inhibitor to Increase the Yield and Quality of a Tumour-Targeting mAb in Nicotiana benthamiana Leaves. PLoS ONE, 2016, 11, e0167086.	2.5	30
10	Multimodal Protein Constructs for Herbivore Insect Control. Toxins, 2012, 4, 455-475.	3.4	27
11	Discrimination of Differentially Inhibited Cysteine Proteases by Activity-Based Profiling Using Cystatin Variants with Tailored Specificities. Journal of Proteome Research, 2012, 11, 5983-5993.	3.7	27
12	Leaf proteome rebalancing in <i>Nicotiana benthamiana</i> for upstream enrichment of a transiently expressed recombinant protein. Plant Biotechnology Journal, 2015, 13, 1169-1179.	8.3	26
13	Beneficial â€~unintended effects' of a cereal cystatin in transgenic lines of potato, Solanum tuberosum. BMC Plant Biology, 2012, 12, 198.	3.6	24
14	Production of Biopharmaceuticals in Nicotiana benthamiana—Axillary Stem Growth as a Key Determinant of Total Protein Yield. Frontiers in Plant Science, 2019, 10, 735.	3.6	23
15	Positive selection of digestive Cys proteases in herbivorous Coleoptera. Insect Biochemistry and Molecular Biology, 2015, 65, 10-19.	2.7	20
16	A Chimeric Affinity Tag for Efficient Expression and Chromatographic Purification of Heterologous Proteins from Plants. Frontiers in Plant Science, 2016, 7, 141.	3.6	19
17	Recombinant cystatins in plants. Biochimie, 2019, 166, 184-193.	2.6	18
18	Functional proteomics-aided selection of protease inhibitors for herbivore insect control. Scientific Reports, 2016, 6, 38827.	3.3	17

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#	Article	IF	CITATIONS
19	Cereal cystatins delay sprouting and nutrient loss in tubers of potato, Solanum tuberosum. BMC Plant Biology, 2015, 15, 296.	3.6	16
20	Recombinant protein susceptibility to proteolysis in the plant cell secretory pathway is <scp>pH</scp> â€dependent. Plant Biotechnology Journal, 2018, 16, 1928-1938.	8.3	15
21	Hybrid protease inhibitors for pest and pathogen control – a functional cost for the fusion partners?. Plant Physiology and Biochemistry, 2008, 46, 701-708.	5.8	14
22	Single substitutions to closely related amino acids contribute to the functional diversification of an insectâ€inducible, positively selected plant cystatin. FEBS Journal, 2016, 283, 1323-1335.	4.7	13
23	Companion Protease Inhibitors for the In Situ Protection of Recombinant Proteins in Plants. Methods in Molecular Biology, 2016, 1385, 115-126.	0.9	12
24	Harnessing the functional diversity of plant cystatins to design inhibitor variants highly active against herbivorous arthropod digestive proteases. FEBS Journal, 2022, 289, 1827-1841.	4.7	6
25	Population-associated heterogeneity of the digestive Cys protease complement in Colorado potato beetle, Leptinotarsa decemlineata. Journal of Insect Physiology, 2018, 106, 125-133.	2.0	5
26	pH Gradient Mitigation in the Leaf Cell Secretory Pathway Attenuates the Defense Response of <i>Nicotiana benthamiana</i> to Agroinfiltration. Journal of Proteome Research, 2020, 19, 106-118.	3.7	2
27	Cystatin Activity–Based Protease Profiling to Select Protease Inhibitors Useful in Plant Protection. Methods in Molecular Biology, 2020, 2139, 353-366.	0.9	1