

Ruud H P Wilbers

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,047
citations

471509

17
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

1632
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual disease resistance mediated by the immune receptor Cf-2 in tomato requires a common virulence target of a fungus and a nematode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10119-10124.	7.1	246
2	Apoplastic Venom Allergen-like Proteins of Cyst Nematodes Modulate the Activation of Basal Plant Innate Immunity by Cell Surface Receptors. <i>PLoS Pathogens</i> , 2014, 10, e1004569.	4.7	111
3	Type I interferon is required for T helper (Th) 2 induction by dendritic cells. <i>EMBO Journal</i> , 2017, 36, 2404-2418.	7.8	80
4	Schistosome egg antigens, including the glycoprotein IPSE/alpha-1, trigger the development of regulatory B cells. <i>PLoS Pathogens</i> , 2017, 13, e1006539.	4.7	78
5	Structural Determinants at the Interface of the ARC2 and Leucine-Rich Repeat Domains Control the Activation of the Plant Immune Receptors Rx1 and Gpa2. <i>Plant Physiology</i> , 2013, 162, 1510-1528.	4.8	73
6	Production and glyco-engineering of immunomodulatory helminth glycoproteins in plants. <i>Scientific Reports</i> , 2017, 7, 45910.	3.3	54
7	Contributions of the international plant science community to the fight against human infectious diseases – part 1: epidemic and pandemic diseases. <i>Plant Biotechnology Journal</i> , 2021, 19, 1901-1920.	8.3	44
8	Secreted venom allergen-like proteins of helminths: Conserved modulators of host responses in animals and plants. <i>PLoS Pathogens</i> , 2018, 14, e1007300.	4.7	41
9	Co-expression of the protease furin in <i>Nicotiana benthamiana</i> leads to efficient processing of latent transforming growth factor- β 1 into a biologically active protein. <i>Plant Biotechnology Journal</i> , 2016, 14, 1695-1704.	8.3	34
10	Feeding preference as a main determinant of microscale patchiness among terrestrial nematodes. <i>Molecular Ecology Resources</i> , 2017, 17, 1257-1270.	4.8	33
11	Contributions of the international plant science community to the fight against infectious diseases in humans – part 2: Affordable drugs in edible plants for endemic and re-emerging diseases. <i>Plant Biotechnology Journal</i> , 2021, 19, 1921-1936.	8.3	31
12	Monomeric <i>gA</i> can be produced <i>in planta</i> as efficient as <i>gG</i> , yet receives different <i>N</i> -glycans. <i>Plant Biotechnology Journal</i> , 2014, 12, 1333-1342.	8.3	21
13	<i>Nicotiana benthamiana</i> β -galactosidase A1.1 can functionally complement human β -galactosidase A deficiency associated with Fabry disease. <i>Journal of Biological Chemistry</i> , 2018, 293, 10042-10058.	3.4	20
14	The helminth glycoprotein omega-1 improves metabolic homeostasis in obese mice through type 2 immunity-independent inhibition of food intake. <i>FASEB Journal</i> , 2021, 35, e21331.	0.5	20
15	3D Domain Swapping Causes Extensive Multimerisation of Human Interleukin-10 When Expressed In Planta. <i>PLoS ONE</i> , 2012, 7, e46460.	2.5	19
16	Transient Expression of Secretory IgA In Planta is Optimal Using a Multi-Gene Vector and may be Further Enhanced by Improving Joining Chain Incorporation. <i>Frontiers in Plant Science</i> , 2015, 6, 1200.	3.6	18
17	<i>Heligmosomoides polygyrus</i> Venom Allergen-like Protein-4 (HpVAL-4) is a sterol binding protein. <i>International Journal for Parasitology</i> , 2018, 48, 359-369.	3.1	18
18	Re-evaluation of IL-10 signaling reveals novel insights on the contribution of the intracellular domain of the IL-10R2 chain. <i>PLoS ONE</i> , 2017, 12, e0186317.	2.5	18

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19	Crystal structure of <i>Brugia malayi</i> venom allergen-like protein-1 (BmVAL-1), a vaccine candidate for lymphatic filariasis. <i>International Journal for Parasitology</i> , 2018, 48, 371-378.	3.1	17
20	Functional characterization of <i>Schistosoma mansoni</i> fucosyltransferases in <i>Nicotiana benthamiana</i> plants. <i>Scientific Reports</i> , 2020, 10, 18528.	3.3	14
21	The N-glycan on Asn54 affects the atypical N-glycan composition of plant-produced interleukin-22, but does not influence its activity. <i>Plant Biotechnology Journal</i> , 2016, 14, 670-681.	8.3	13
22	Physical Interaction of T Cells with Dendritic Cells Is Not Required for the Immunomodulatory Effects of the Edible Mushroom <i>Agaricus subrufescens</i> . <i>Frontiers in Immunology</i> , 2016, 7, 519.	4.8	9
23	Assessing the immunomodulatory potential of high-molecular-weight extracts from mushrooms; an assay based on THP-1 macrophages. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 344-350.	3.5	7
24	Tumor Necrosis Factor and <i>Schistosoma mansoni</i> egg antigen omega-1 shape distinct aspects of the early egg-induced granulomatous response. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008814.	3.0	7
25	β2-Hexosaminidases Along the Secretory Pathway of <i>Nicotiana benthamiana</i> Have Distinct Specificities Toward Engineered Helminth N-Glycans on Recombinant Glycoproteins. <i>Frontiers in Plant Science</i> , 2021, 12, 638454.	3.6	7
26	Helminth Glycans at the Host-Parasite Interface and Their Potential for Developing Novel Therapeutics. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 807821.	3.5	5
27	Minimal epitope for Mannitou IgM on paucimannose-carrying glycoproteins. <i>Glycobiology</i> , 2021, 31, 1005-1017.	2.5	3
28	Granulocyte-macrophage colony-stimulating factor negatively regulates early IL-10-mediated responses. <i>Future Science OA</i> , 2018, 4, FSO288.	1.9	2
29	Glyco-Engineering Plants to Produce Helminth Glycoproteins as Prospective Biopharmaceuticals: Recent Advances, Challenges and Future Prospects. <i>Frontiers in Plant Science</i> , 2022, 13, 882835.	3.6	2