Mariena J A Van Der Plas

List of Publications by Year
in descending order

25 papers	896 citations	516561 16 h-index	580701 25 g-index
27 all docs	27 docs citations	27 times ranked	913 citing authors

#	Article	IF	Citations
1	Maggot excretions/secretions are differentially effective against biofilms of Staphylococcus aureus and Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2007, 61, 117-122.	1.3	128
2	Monomethylfumarate affects polarization of monocyte-derived dendritic cells resulting in down-regulated Th1 lymphocyte responses. European Journal of Immunology, 2004, 34, 565-575.	1.6	99
3	Maggot excretions/secretions inhibit multiple neutrophil pro-inflammatory responses. Microbes and Infection, 2007, 9, 507-514.	1.0	79
4	Pseudomonas aeruginosa elastase cleaves a C-terminal peptide from human thrombin that inhibits host inflammatory responses. Nature Communications, 2016, 7, 11567.	5.8	59
5	Maggot Secretions Skew Monocyte-Macrophage Differentiation Away from a Pro-Inflammatory to a Pro-Angiogenic Type. PLoS ONE, 2009, 4, e8071.	1.1	56
6	Maggot secretions suppress pro-inflammatory responses of human monocytes through elevation of cyclic AMP. Diabetologia, 2009, 52, 1962-1970.	2.9	55
7	Host Defense Peptides of Thrombin Modulate Inflammation and Coagulation in Endotoxin-Mediated Shock and Pseudomonas aeruginosa Sepsis. PLoS ONE, 2012, 7, e51313.	1.1	52
8	Aggregation of thrombin-derived C-terminal fragments as a previously undisclosed host defense mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4213-E4222.	3.3	49
9	The Thrombin-Derived Host Defense Peptide GKY25 Inhibits Endotoxin-Induced Responses through Interactions with Lipopolysaccharide and Macrophages/Monocytes. Journal of Immunology, 2015, 194, 5397-5406.	0.4	44
10	Combinations of maggot excretions/secretions and antibiotics are effective against Staphylococcus aureus biofilms and the bacteria derived therefrom. Journal of Antimicrobial Chemotherapy, 2010, 65, 917-923.	1.3	40
11	Furin Is a Chemokine-modifying Enzyme. Journal of Biological Chemistry, 2004, 279, 13402-13411.	1.6	30
12	A Peptide of Heparin Cofactor II Inhibits Endotoxin-Mediated Shock and Invasive Pseudomonas aeruginosa Infection. PLoS ONE, 2014, 9, e102577.	1.1	28
13	Interaction of Laponite with Membrane Componentsâ€"Consequences for Bacterial Aggregation and Infection Confinement. ACS Applied Materials & Interfaces, 2019, 11, 15389-15400.	4.0	24
14	Thrombin-derived C-terminal fragments aggregate and scavenge bacteria and their proinflammatory products. Journal of Biological Chemistry, 2020, 295, 3417-3430.	1.6	24
15	Psoriasis Is Not Associated with IL-12p70/IL-12p40 Production and IL12B Promoter Polymorphism. Journal of Investigative Dermatology, 2004, 122, 923-926.	0.3	22
16	Proteolytic signatures define unique thrombin-derived peptides present in human wound fluid in vivo. Scientific Reports, 2017, 7, 13136.	1.6	18
17	A Novel Serine Protease Secreted by Medicinal Maggots Enhances Plasminogen Activator-Induced Fibrinolysis. PLoS ONE, 2014, 9, e92096.	1.1	17
18	Zein-polycaprolactone coreâ€"shell nanofibers for wound healing. International Journal of Pharmaceutics, 2022, 621, 121809.	2.6	15

#	Article	IF	Citations
19	Lactoferrin Glu561Asp polymorphism is associated with susceptibility to herpes simplex keratitis. Experimental Eye Research, 2008, 86, 105-109.	1.2	14
20	Thrombin-Derived Host-Defense Peptides Modulate Monocyte/Macrophage Inflammatory Responses to Gram-Negative Bacteria. Frontiers in Immunology, 2017, 8, 843.	2.2	13
21	Bioinformatic Analysis of the Wound Peptidome Reveals Potential Biomarkers and Antimicrobial Peptides. Frontiers in Immunology, 2020, 11, 620707.	2.2	11
22	Effect of PEGylation on Host Defense Peptide Complexation with Bacterial Lipopolysaccharide. Bioconjugate Chemistry, 2021, 32, 1729-1741.	1.8	8
23	Method development and characterisation of the low-molecular-weight peptidome of human wound fluids. ELife, 2021, 10, .	2.8	6
24	Nanoclay-induced bacterial flocculation for infection confinement. Journal of Colloid and Interface Science, 2020, 562, 71-80.	5.0	3
25	Differential Internalization of Thrombin-Derived Host Defense Peptides into Monocytes and Macrophages. Journal of Innate Immunity, 2022, 14, 418-432.	1.8	1