

Mariena J A Van Der Plas

List of Publications by Year in descending order

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25
papers

896
citations

516561

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27
times ranked

913
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Internalization of Thrombin-Derived Host Defense Peptides into Monocytes and Macrophages. <i>Journal of Innate Immunity</i> , 2022, 14, 418-432.	1.8	1
2	Zein-polycaprolactone core-shell nanofibers for wound healing. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121809.	2.6	15
3	Method development and characterisation of the low-molecular-weight peptidome of human wound fluids. <i>ELife</i> , 2021, 10, .	2.8	6
4	Effect of PEGylation on Host Defense Peptide Complexation with Bacterial Lipopolysaccharide. <i>Bioconjugate Chemistry</i> , 2021, 32, 1729-1741.	1.8	8
5	Nanoclay-induced bacterial flocculation for infection confinement. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 71-80.	5.0	3
6	Thrombin-derived C-terminal fragments aggregate and scavenge bacteria and their proinflammatory products. <i>Journal of Biological Chemistry</i> , 2020, 295, 3417-3430.	1.6	24
7	Bioinformatic Analysis of the Wound Peptidome Reveals Potential Biomarkers and Antimicrobial Peptides. <i>Frontiers in Immunology</i> , 2020, 11, 620707.	2.2	11
8	Interaction of Laponite with Membrane Components Consequences for Bacterial Aggregation and Infection Confinement. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15389-15400.	4.0	24
9	Aggregation of thrombin-derived C-terminal fragments as a previously undisclosed host defense mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4213-E4222.	3.3	49
10	Proteolytic signatures define unique thrombin-derived peptides present in human wound fluid in vivo. <i>Scientific Reports</i> , 2017, 7, 13136.	1.6	18
11	Thrombin-Derived Host-Defense Peptides Modulate Monocyte/Macrophage Inflammatory Responses to Gram-Negative Bacteria. <i>Frontiers in Immunology</i> , 2017, 8, 843.	2.2	13
12	<i>Pseudomonas aeruginosa</i> elastase cleaves a C-terminal peptide from human thrombin that inhibits host inflammatory responses. <i>Nature Communications</i> , 2016, 7, 11567.	5.8	59
13	The Thrombin-Derived Host Defense Peptide GKY25 Inhibits Endotoxin-Induced Responses through Interactions with Lipopolysaccharide and Macrophages/Monocytes. <i>Journal of Immunology</i> , 2015, 194, 5397-5406.	0.4	44
14	A Peptide of Heparin Cofactor II Inhibits Endotoxin-Mediated Shock and Invasive <i>Pseudomonas aeruginosa</i> Infection. <i>PLoS ONE</i> , 2014, 9, e102577.	1.1	28
15	A Novel Serine Protease Secreted by Medicinal Maggots Enhances Plasminogen Activator-Induced Fibrinolysis. <i>PLoS ONE</i> , 2014, 9, e92096.	1.1	17
16	Host Defense Peptides of Thrombin Modulate Inflammation and Coagulation in Endotoxin-Mediated Shock and <i>Pseudomonas aeruginosa</i> Sepsis. <i>PLoS ONE</i> , 2012, 7, e51313.	1.1	52
17	Combinations of maggot excretions/secretions and antibiotics are effective against <i>Staphylococcus aureus</i> biofilms and the bacteria derived therefrom. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 917-923.	1.3	40
18	Maggot secretions suppress pro-inflammatory responses of human monocytes through elevation of cyclic AMP. <i>Diabetologia</i> , 2009, 52, 1962-1970.	2.9	55

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19	Maggot Secretions Skew Monocyte-Macrophage Differentiation Away from a Pro-Inflammatory to a Pro-Angiogenic Type. PLoS ONE, 2009, 4, e8071.	1.1	56
20	Lactoferrin Glu561Asp polymorphism is associated with susceptibility to herpes simplex keratitis. Experimental Eye Research, 2008, 86, 105-109.	1.2	14
21	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
22	Maggot excretions/secretions inhibit multiple neutrophil pro-inflammatory responses. Microbes and Infection, 2007, 9, 507-514.	1.0	79
23	Furin Is a Chemokine-modifying Enzyme. Journal of Biological Chemistry, 2004, 279, 13402-13411.	1.6	30
24	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
25	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