

Tomasz Kantyka

List of Publications by Year in descending order

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36
papers

1,402
citations

304743

22
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpain A, a Cysteine Proteinase from <i>Prevotella intermedia</i> , Inhibits Complement by Degrading Complement Factor C3. <i>PLoS Pathogens</i> , 2009, 5, e1000316.	4.7	94
2	Staphylococcal Proteases Aid in Evasion of the Human Complement System. <i>Journal of Innate Immunity</i> , 2014, 6, 31-46.	3.8	91
3	Kallikreins – The melting pot of activity and function. <i>Biochimie</i> , 2016, 122, 270-282.	2.6	85
4	Peptidyl Arginine Deiminase from <i>Porphyromonas gingivalis</i> Abolishes Anaphylatoxin C5a Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 32481-32487.	3.4	83
5	Citrullination in the periodontium – a possible link between periodontitis and rheumatoid arthritis. <i>Clinical Oral Investigations</i> , 2016, 20, 675-683.	3.0	80
6	Isolation of SPINK6 in Human Skin. <i>Journal of Biological Chemistry</i> , 2010, 285, 32174-32181.	3.4	75
7	Structure and mechanism of a bacterial host-protein citrullinating virulence factor, <i>Porphyromonas gingivalis</i> peptidylarginine deiminase. <i>Scientific Reports</i> , 2015, 5, 11969.	3.3	72
8	Regulation of Chemerin Chemoattractant and Antibacterial Activity by Human Cysteine Cathepsins. <i>Journal of Immunology</i> , 2011, 187, 1403-1410.	0.8	69
9	A novel matrix metalloprotease-like enzyme (karilysin) of the periodontal pathogen <i>Tannerella forsythia</i> ATCC 43037. <i>Biological Chemistry</i> , 2010, 391, 105-17.	2.5	60
10	Citrullination Alters Immunomodulatory Function of LL-37 Essential for Prevention of Endotoxin-Induced Sepsis. <i>Journal of Immunology</i> , 2014, 192, 5363-5372.	0.8	59
11	Staphylococcal cysteine protease staphopain B (SspB) induces rapid engulfment of human neutrophils and monocytes by macrophages. <i>Biological Chemistry</i> , 2009, 390, 361-71.	2.5	54
12	A New Autocatalytic Activation Mechanism for Cysteine Proteases Revealed by <i>Prevotella intermedia</i> Interpain A. <i>Journal of Biological Chemistry</i> , 2008, 283, 2871-2882.	3.4	47
13	Prokaryote-derived protein inhibitors of peptidases: A sketchy occurrence and mostly unknown function. <i>Biochimie</i> , 2010, 92, 1644-1656.	2.6	47
14	Inhibition of kallikrein-related peptidases by the serine protease inhibitor of Kazal-type 6. <i>Peptides</i> , 2011, 32, 1187-1192.	2.4	47
15	Inactivation of Epidermal Growth Factor by <i>Porphyromonas gingivalis</i> as a Potential Mechanism for Periodontal Tissue Damage. <i>Infection and Immunity</i> , 2013, 81, 55-64.	2.2	46
16	Enzymatic Activity of the <i>Staphylococcus aureus</i> SplB Serine Protease is Induced by Substrates Containing the Sequence Trp-Glu-Leu-Gln. <i>Journal of Molecular Biology</i> , 2008, 379, 343-356.	4.2	43
17	Lack of cathelicidin processing in Papillon-Lefèvre syndrome patients reveals essential role of LL-37 in periodontal homeostasis. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 148.	2.7	40
18	Discovery of Novel Potential Reversible Peptidyl Arginine Deiminase Inhibitor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2174.	4.1	37

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19	Papain-Like Proteases of <i>Staphylococcus aureus</i> . <i>Advances in Experimental Medicine and Biology</i> , 2011, 712, 1-14.	1.6	36
20	<i>Staphylococcus aureus</i> Proteases Degrade Lung Surfactant Protein A Potentially Impairing Innate Immunity of the Lung. <i>Journal of Innate Immunity</i> , 2013, 5, 251-260.	3.8	36
21	Elafin is specifically inactivated by RgpB from <i>Porphyromonas gingivalis</i> by distinct proteolytic cleavage. <i>Biological Chemistry</i> , 2009, 390, 1313-1320.	2.5	28
22	Inhibition of <i>Staphylococcus aureus</i> cysteine proteases by human serpin potentially limits staphylococcal virulence. <i>Biological Chemistry</i> , 2011, 392, 483-9.	2.5	27
23	Characterization of Spink6 in Mouse Skin: The Conserved Inhibitor of Kallikrein-Related Peptidases Is Reduced by Barrier Injury. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1305-1312.	0.7	21
24	Substrate specificity of <i>Staphylococcus aureus</i> cysteine proteases – Staphopains A, B and C. <i>Biochimie</i> , 2012, 94, 318-327.	2.6	20
25	Enhanced Biological Activity of a Novel Preparation of <i>Lavandula angustifolia</i> Essential Oil. <i>Molecules</i> , 2021, 26, 2458.	3.8	18
26	Development of Chemical Tools to Monitor Human Kallikrein 13 (KLK13) Activity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1557.	4.1	15
27	Effects of statins on multispecies oral biofilm identify simvastatin as a drug candidate targeting <i>Porphyromonas gingivalis</i> . <i>Journal of Periodontology</i> , 2019, 90, 637-646.	3.4	13
28	Human SCCA Serpins Inhibit Staphylococcal Cysteine Proteases by Forming Classic Serpin-Like Covalent Complexes. <i>Methods in Enzymology</i> , 2011, 499, 331-345.	1.0	11
29	α 1-Antichymotrypsin inactivates staphylococcal cysteine protease in cross-class inhibition. <i>Biochimie</i> , 2011, 93, 948-953.	2.6	10
30	Gingipains of <i>Porphyromonas gingivalis</i> Affect the Stability and Function of Serine Protease Inhibitor of Kazal-type 6 (SPINK6), a Tissue Inhibitor of Human Kallikreins. <i>Journal of Biological Chemistry</i> , 2016, 291, 18753-18764.	3.4	10
31	Kallikrein 13 serves as a priming protease during infection by the human coronavirus HKU1. <i>Science Signaling</i> , 2020, 13, .	3.6	10
32	Kallikrein-Related Peptidase 14 Activates Zymogens of Membrane Type Matrix Metalloproteinases (MT-MMPs) – A CleavEx Based Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4383.	4.1	5
33	Staphopain A. , 2013, , 2150-2157.		2
34	Application of the In Vitro HoxB8 Model System to Characterize the Contributions of Neutrophil LPS Interaction to Periodontal Disease. <i>Pathogens</i> , 2020, 9, 530.	2.8	1
35	Staphopain B. , 2013, , 2157-2163.		1
36	Serpin Interactions with Bacterial Peptidases. , 2007, , 425-444.		0