

Wai Tuck Soh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

719
citations

759190

12
h-index

839512

18
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19
all docs

19
docs citations

19
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	An infectivity-enhancing site on the SARS-CoV-2 spike protein targeted by antibodies. <i>Cell</i> , 2021, 184, 3452-3466.e18.	28.9	205
2	Structural Alterations of Antigens at the Material Interface: An Early Decision Toolbox Facilitating Safe-by-Design Nanovaccine Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10895.	4.1	3
3	In silico Design of Phl p 6 Variants With Altered Fold-Stability Significantly Impacts Antigen Processing, Immunogenicity and Immune Polarization. <i>Frontiers in Immunology</i> , 2020, 11, 1824.	4.8	8
4	Structural and functional studies of <i>Arabidopsis thaliana</i> legumain beta reveal isoform specific mechanisms of activation and substrate recognition. <i>Journal of Biological Chemistry</i> , 2020, 295, 13047-13064.	3.4	24
5	Ligand Binding of PR-10 Proteins with a Particular Focus on the Bet v 1 Allergen Family. <i>Current Allergy and Asthma Reports</i> , 2020, 20, 25.	5.3	33
6	ExtENDING Proteome Coverage with Legumain as a Highly Specific Digestion Protease. <i>Analytical Chemistry</i> , 2020, 92, 2961-2971.	6.5	17
7	Boiling down the cysteine-stabilized LTP fold - loss of structural and immunological integrity of allergenic Art v 3 and Pru p 3 as a consequence of irreversible lanthionine formation. <i>Molecular Immunology</i> , 2019, 116, 140-150.	2.2	14
8	Discovery and characterization of trypanocidal cysteine protease inhibitors from the "malaria box". <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 765-778.	5.5	19
9	Multiple roles of Bet v 1 ligands in allergen stabilization and modulation of endosomal protease activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2382-2393.	5.7	51
10	Distinct epitope structures of defensin-like proteins linked to proline-rich regions give rise to differences in their allergenic activity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 431-441.	5.7	22
11	Synthesis and biological evaluation of potential inhibitors of the cysteine proteases cruzain and rhodesain designed by molecular simplification. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1889-1900.	3.0	39
12	Distinct Roles of Catalytic Cysteine and Histidine in the Protease and Ligase Mechanisms of Human Legumain As Revealed by DFT-Based QM/MM Simulations. <i>ACS Catalysis</i> , 2017, 7, 5585-5593.	11.2	46
13	Endolysosomal Degradation of Allergenic Ole e 1-Like Proteins: Analysis of Proteolytic Cleavage Sites Revealing T Cell Epitope-Containing Peptides. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1780.	4.1	9
14	Two Distinct Conformations in Bet v 2 Determine Its Proteolytic Resistance to Cathepsin S. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2156.	4.1	7
15	Patterns of IgE sensitization in house dust mite-allergic patients: implications for allergen immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 220-229.	5.7	81
16	The minor house dust mite allergen Der p 13 is a fatty acid-binding protein and an activator of a TLR2-mediated innate immune response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 1425-1434.	5.7	32
17	The House Dust Mite Major Allergen Der p 23 Displays O-Glycan-Independent IgE Reactivities but No Chitin-Binding Activity. <i>International Archives of Allergy and Immunology</i> , 2015, 168, 150-160.	2.1	41
18	Mutagenesis and Functional Analysis of the Pore-Forming Toxin HALT-1 from <i>Hydra magnipapillata</i> . <i>Toxins</i> , 2015, 7, 407-422.	3.4	17