

# Gang

## List of Publications by Year in descending order

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21  
papers

314  
citations

933447

10  
h-index

888059

17  
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21  
all docs

21  
docs citations

21  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amyloid-Based Injectable Hydrogel Derived from Hydrolyzed Hen Egg White Lysozyme. <i>ACS Omega</i> , 2019, 4, 8071-8080.	3.5	43
2	A comparative study of the antibacterial mechanisms of silver ion and silver nanoparticles by Fourier transform infrared spectroscopy. <i>Vibrational Spectroscopy</i> , 2016, 85, 112-121.	2.2	34
3	Kinetic Mechanism of Thioflavin T Binding onto the Amyloid Fibril of Hen Egg White Lysozyme. <i>Langmuir</i> , 2017, 33, 5398-5405.	3.5	31
4	Effect of curcumin derivatives on hen egg white lysozyme amyloid fibrillation and their interaction study by spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117365.	3.9	31
5	TRIM25 inhibits infectious bursal disease virus replication by targeting VP3 for ubiquitination and degradation. <i>PLoS Pathogens</i> , 2021, 17, e1009900.	4.7	29
6	Synthesis of water-soluble curcumin derivatives and their inhibition on lysozyme amyloid fibrillation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 89-95.	3.9	24
7	Genomic sequence and pathogenicity of the first avian metapneumovirus subtype B isolated from chicken in China. <i>Veterinary Microbiology</i> , 2019, 228, 32-38.	1.9	15
8	Modulation of Surface-Catalyzed Secondary Nucleation during Amyloid Fibrillation of Hen Egg White Lysozyme by Two Common Surfactants. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6200-6211.	2.6	14
9	The Bipartite Sequence Motif in the N and C Termini of gp85 of Subgroup J Avian Leukosis Virus Plays a Crucial Role in Receptor Binding and Viral Entry. <i>Journal of Virology</i> , 2020, 94, .	3.4	13
10	Molecular characterization of avian leukosis virus subgroup J in Chinese local chickens between 2013 and 2018. <i>Poultry Science</i> , 2020, 99, 5286-5296.	3.4	13
11	Facile preparation of hyperbranched glycopolymers via an AB <sub>3</sub> * inimer promoted by a hydroxy/ cerium(IV) redox process. <i>Polymer Chemistry</i> , 2018, 9, 5024-5031.	3.9	10
12	MiR-125b Suppression Inhibits Apoptosis and Negatively Regulates Sema4D in Avian Leukosis Virus-Transformed Cells. <i>Viruses</i> , 2019, 11, 728.	3.3	10
13	A New Criterion to Evaluate Water Vapor Interference in Protein Secondary Structural Analysis by FTIR Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2014, 15, 10018-10033.	4.1	8
14	A structural model of the hierarchical assembly of an amyloid nanosheet by an infrared probe technique. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27261-27271.	2.8	8
15	Novel Inactivated Subtype B Avian Metapneumovirus Vaccine Induced Humoral and Cellular Immune Responses. <i>Vaccines</i> , 2020, 8, 762.	4.4	6
16	Identification of Chicken CD44 as a Novel B Lymphocyte Receptor for Infectious Bursal Disease Virus. <i>Journal of Virology</i> , 2022, 96, jvi0011322.	3.4	6
17	The dynamic nature of incubation solution after cooling to room temperature in amyloid formation of hen egg white lysozyme: An FTIR assessment. <i>Vibrational Spectroscopy</i> , 2013, 64, 44-50.	2.2	5
18	Marek's disease virus as a CRISPR/Cas9 delivery system to defend against avian leukosis virus infection in chickens. <i>Veterinary Microbiology</i> , 2020, 242, 108589.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Development and evaluation of a gp85 protein-based subgroup-specific indirect enzyme-linked immunosorbent assay for the detection of anti-subgroup J avian leukosis virus antibodies. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1785-1793.	3.6	4
20	Tannic Acid-Induced Surface-Catalyzed Secondary Nucleation during the Amyloid Fibrillation of Hen Egg-White Lysozyme. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4009.	4.1	3
21	Isolation and molecular characterization of the first subgroup J avian leukosis virus from chicken in Pakistan. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104425.	2.3	2