

Kok Lian Ho

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,668
citations

304368

22
h-index

301761

39
g-index

64
all docs

64
docs citations

64
times ranked

2752
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Modulation of Apoptosis and Autophagy in the Treatment of Pancreatic Cancer. Mini-Reviews in Medicinal Chemistry, 2022, 22, .	1.1	4
2	Challenges and Complications of Poly(lactic-co-glycolic acid)-Based Long-Acting Drug Product Development. Pharmaceutics, 2022, 14, 614.	2.0	27
3	Loop-Mediated Isothermal Amplification (LAMP) as a Promising Point-of-Care Diagnostic Strategy in Avian Virus Research. Animals, 2022, 12, 76.	1.0	9
4	Transcriptomic and proteomic profiling revealed reprogramming of carbon metabolism in acetate-grown human pathogen <i>Candida glabrata</i> . Journal of Biomedical Science, 2021, 28, 1.	2.6	32
5	Molecular detection and characterisation of Domestic Cat Hepadnavirus (DCH) from blood and liver tissues of cats in Malaysia. BMC Veterinary Research, 2021, 17, 9.	0.7	24
6	Hepatitis B Virus-Like Particle: Targeted Delivery of Plasmid Expressing Short Hairpin RNA for Silencing the Bcl-2 Gene in Cervical Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 2320.	1.8	6
7	Chimeric Virus-Like Particles of Prawn Nodavirus Displaying Hepatitis B Virus Immunodominant Region: Biophysical Properties and Cytokine Response. International Journal of Molecular Sciences, 2021, 22, 1922.	1.8	3
8	Regulation of Proteolytic Activity to Improve the Recovery of <i>Macrobrachium rosenbergii</i> Nodavirus Capsid Protein. International Journal of Molecular Sciences, 2021, 22, 8725.	1.8	1
9	Microarray-based identification of differentially expressed genes associated with andrographolide derivatives-induced resistance in colon and prostate cancer cell lines. Toxicology and Applied Pharmacology, 2021, 425, 115605.	1.3	2
10	Immunological Analysis of Nodavirus Capsid Displaying the Domain III of Japanese Encephalitis Virus Envelope Protein. Pharmaceutics, 2021, 13, 1826.	2.0	2
11	An Application of pET SUMO Protein Expression System in <i>Escherichia coli</i> : Cloning, Expression, Purification, and Characterisation of Native Kras4BG12V Oncoprotein. Protein Journal, 2020, 39, 54-61.	0.7	7
12	Synthesis of poly(acrylamide)-based hydrogel for bio-sensing of hepatitis B core antigen. Materials Chemistry and Physics, 2020, 243, 122578.	2.0	18
13	Virus-like Particle Vaccines: A Prospective Panacea Against an Avian Influenza Panzootic. Vaccines, 2020, 8, 694.	2.1	8
14	Targeted delivery of 5-fluorouracil-1-acetic acid (5-FA) to cancer cells overexpressing epithelial growth factor receptor (EGFR) using virus-like nanoparticles. Scientific Reports, 2020, 10, 16867.	1.6	16
15	Advances in the Diagnosis of Foot-and-Mouth Disease. Frontiers in Veterinary Science, 2020, 7, 477.	0.9	35
16	<i>In silico</i> and saturation transfer difference NMR approaches to unravel the binding mode of an andrographolide derivative to K-Ras oncoprotein. Future Medicinal Chemistry, 2020, 12, 1611-1631.	1.1	2
17	Immunological Analysis of the Hepatitis B Virus α -Determinant Displayed on Chimeric Virus-Like Particles of <i>Macrobrachium rosenbergii</i> Nodavirus Capsid Protein Produced in Sf9 Cells. Vaccines, 2020, 8, 275.	2.1	5
18	Stealth Coating of Nanoparticles in Drug-Delivery Systems. Nanomaterials, 2020, 10, 787.	1.9	219

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19	A K α RAS Inhibitor Abrogates Self-Renewal of Pancreatic Cancer Stem Cells <i>via</i> K α RAS α NF κ B α SOX2 Axis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
20	Physiologically Relevant Alternative Carbon Sources Modulate Biofilm Formation, Cell Wall Architecture, and the Stress and Antifungal Resistance of <i>Candida glabrata</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 3172.	1.8	30
21	Shielding of Hepatitis B Virus-Like Nanoparticle with Poly(2-Ethyl-2-Oxazoline). <i>International Journal of Molecular Sciences</i> , 2019, 20, 4903.	1.8	4
22	An Influenza A Vaccine Based on the Extracellular Domain of Matrix 2 Protein Protects BALB/C Mice Against H1N1 and H3N2. <i>Vaccines</i> , 2019, 7, 91.	2.1	14
23	Recent Advances in the Vaccine Development Against Middle East Respiratory Syndrome-Coronavirus. <i>Frontiers in Microbiology</i> , 2019, 10, 1781.	1.5	188
24	Expression, purification and characterization of the dimeric protruding domain of <i>Macrobrachium rosenbergii</i> nodavirus capsid protein expressed in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2019, 14, e0211740.	1.1	8
25	Crystal structure and epitope analysis of house dust mite allergen Der f 21. <i>Scientific Reports</i> , 2019, 9, 4933.	1.6	13
26	Thermally-responsive Virus-like Particle for Targeted Delivery of Cancer Drug. <i>Scientific Reports</i> , 2019, 9, 3945.	1.6	41
27	Glyoxylate cycle gene ICL1 is essential for the metabolic flexibility and virulence of <i>Candida glabrata</i> . <i>Scientific Reports</i> , 2019, 9, 2843.	1.6	28
28	Infectious hematopoietic necrosis virus: advances in diagnosis and vaccine development. <i>PeerJ</i> , 2019, 7, e7151.	0.9	20
29	Single-step purification of recombinant hepatitis B core antigen Y132A dimer from clarified <i>Escherichia coli</i> feedstock using a packed bed anion exchange chromatography. <i>Process Biochemistry</i> , 2018, 69, 208-215.	1.8	4
30	Structural and kinetic studies of a novel nerol dehydrogenase from <i>Persicaria minor</i> , a nerol-specific enzyme for citral biosynthesis. <i>Plant Physiology and Biochemistry</i> , 2018, 123, 359-368.	2.8	15
31	Structure of the <i>Macrobrachium rosenbergii</i> nodavirus: A new genus within the Nodaviridae?. <i>PLoS Biology</i> , 2018, 16, e3000038.	2.6	36
32	A Dual Bioconjugated Virus-Like Nanoparticle as a Drug Delivery System and Comparison with a pH-Responsive Delivery System. <i>Nanomaterials</i> , 2018, 8, 236.	1.9	22
33	Targeted Delivery of Cell Penetrating Peptide Virus-like Nanoparticles to Skin Cancer Cells. <i>Scientific Reports</i> , 2018, 8, 8499.	1.6	48
34	Peptide inhibitors of <i>Macrobrachium rosenbergii</i> nodavirus. <i>Journal of General Virology</i> , 2018, 99, 1227-1238.	1.3	8
35	Crystal structure and functional analysis of human C1ORF123. <i>PeerJ</i> , 2018, 6, e5377.	0.9	7
36	Determination of the Binding Mode of An Andrographolide Derivative to K-Ras Oncoprotein via Molecular Modelling and STD-NMR. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-6-43.	0.0	0

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37	Crystallization and X-ray crystallographic analysis of recombinant TylP, a putative β -butyrolactone receptor protein from <i>Streptomyces fradiae</i> . Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 109-115.	0.4	4
38	Biosensing of hepatitis B antigen with poly(acrylic acid) hydrogel immobilized with antigens and antibodies. Sensors and Actuators B: Chemical, 2017, 252, 409-417.	4.0	21
39	A Simple Add-and-Display Method for Immobilisation of Cancer Drug on His-tagged Virus-like Nanoparticles for Controlled Drug Delivery. Scientific Reports, 2017, 7, 5303.	1.6	21
40	Cryo-Electron Microscopy Structure of the Macrobrachium rosenbergii Nodavirus Capsid at 7 Angstroms Resolution. Scientific Reports, 2017, 7, 2083.	1.6	24
41	Analysis of chemical constituents, antimicrobial and anticancer activities of dichloromethane extracts of Sordariomycetes sp. endophytic fungi isolated from Strobilanthes crispus. World Journal of Microbiology and Biotechnology, 2017, 33, 5.	1.7	23
42	Virus like particles as a platform for cancer vaccine development. PeerJ, 2017, 5, e4053.	0.9	62
43	Crystal structure of Anoxybacillus α -amylase provides insights into maltose binding of a new glycosyl hydrolase subclass. Scientific Reports, 2016, 6, 23126.	1.6	31
44	Cloning, expression, purification, crystallization and X-ray crystallographic analysis of recombinant human C1ORF123 protein. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 207-213.	0.4	1
45	pH-responsive Virus-like Nanoparticles with Enhanced Tumour-targeting Ligands for Cancer Drug Delivery. Scientific Reports, 2016, 6, 37891.	1.6	56
46	A/T Run Geometry of B-form DNA Is Independent of Bound Methyl-CpG Binding Domain, Cytosine Methylation and Flanking Sequence. Scientific Reports, 2016, 6, 31210.	1.6	7
47	Production of the virus-like particles of nipah virus matrix protein in <i>Pichia pastoris</i> as diagnostic reagents. Biotechnology Progress, 2016, 32, 1038-1045.	1.3	6
48	Potential recombinant vaccine against influenza A virus based on M2e displayed on nodaviral capsid nanoparticles. International Journal of Nanomedicine, 2015, 10, 2751.	3.3	31
49	Cloning, expression, purification, characterization, crystallization and X-ray crystallographic analysis of recombinant Derâ€¦21 (rDerâ€¦21) from <i>Dermatophagoides farinae</i> . Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 1396-1400.	0.4	3
50	Hepatitis B virus peptide inhibitors: solution structures and interactions with the viral capsid. Organic and Biomolecular Chemistry, 2015, 13, 7780-7789.	1.5	12
51	Induction of Humoral and Cell-Mediated Immune Responses by Hepatitis B Virus Epitope Displayed on the Virus-Like Particles of Prawn Nodavirus. Applied and Environmental Microbiology, 2015, 81, 882-889.	1.4	28
52	Crystallization and preliminary crystallographic studies of the hypothetical protein BPSL1038 from Burkholderia pseudomallei. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1697-1700.	0.4	1
53	Phage display creates innovative applications to combat hepatitis B virus. World Journal of Gastroenterology, 2014, 20, 11650.	1.4	27
54	Native agarose gel electrophoresis and electroelution: A fast and cost-effective method to separate the small and large hepatitis B capsids. Electrophoresis, 2013, 34, 244-253.	1.3	20

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55	Oligomerization state of the multimerization domain of Nipah virus phosphoprotein. <i>Process Biochemistry</i> , 2013, 48, 1476-1480.	1.8	5
56	Solution Structure and <i>In Silico</i> Binding of a Cyclic Peptide with Hepatitis B Surface Antigen. <i>Chemical Biology and Drug Design</i> , 2013, 81, 784-794.	1.5	3
57	Nanoglue: An Alternative Way To Display Cell-Internalizing Peptide at the Spikes of Hepatitis B Virus Core Nanoparticles for Cell-Targeting Delivery. <i>Molecular Pharmaceutics</i> , 2012, 9, 2415-2423.	2.3	26
58	Delivery of chimeric hepatitis B core particles into liver cells. <i>Journal of Applied Microbiology</i> , 2012, 112, 119-131.	1.4	30
59	MeCP2 Binding to DNA Depends upon Hydration at Methyl-CpG. <i>Molecular Cell</i> , 2008, 29, 525-531.	4.5	252
60	Crystallization and X-ray analysis of the T=4 particle of hepatitis B capsid protein with an N-terminal extension. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 642-647.	0.7	28
61	Selection of high affinity ligands to hepatitis B core antigen from a phage-displayed cyclic peptide library. <i>Journal of Medical Virology</i> , 2003, 69, 27-32.	2.5	38
62	Exploring the potential of andrographolide and its derivatives as anti-pancreatic cancer therapeutics: in silico, in vitro, and in vivo approaches. <i>Frontiers in Pharmacology</i> , 0, 9, .	1.6	0