

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	MeCP2 Binding to DNA Depends upon Hydration at Methyl-CpG. <i>Molecular Cell</i> , 2008, 29, 525-531.	4.5	252
2	Stealth Coating of Nanoparticles in Drug-Delivery Systems. <i>Nanomaterials</i> , 2020, 10, 787.	1.9	219
3	Recent Advances in the Vaccine Development Against Middle East Respiratory Syndrome-Coronavirus. <i>Frontiers in Microbiology</i> , 2019, 10, 1781.	1.5	188
4	Virus like particles as a platform for cancer vaccine development. <i>PeerJ</i> , 2017, 5, e4053.	0.9	62
5	pH-responsive Virus-like Nanoparticles with Enhanced Tumour-targeting Ligands for Cancer Drug Delivery. <i>Scientific Reports</i> , 2016, 6, 37891.	1.6	56
6	Targeted Delivery of Cell Penetrating Peptide Virus-like Nanoparticles to Skin Cancer Cells. <i>Scientific Reports</i> , 2018, 8, 8499.	1.6	48
7	Thermally-responsive Virus-like Particle for Targeted Delivery of Cancer Drug. <i>Scientific Reports</i> , 2019, 9, 3945.	1.6	41
8	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
9	Structure of the <i>Macrobrachium rosenbergii</i> nodavirus: A new genus within the Nodaviridae?. <i>PLoS Biology</i> , 2018, 16, e3000038.	2.6	36
10	Advances in the Diagnosis of Foot-and-Mouth Disease. <i>Frontiers in Veterinary Science</i> , 2020, 7, 477.	0.9	35
11	Transcriptomic and proteomic profiling revealed reprogramming of carbon metabolism in acetate-grown human pathogen <i>Candida glabrata</i> . <i>Journal of Biomedical Science</i> , 2021, 28, 1.	2.6	32
12	Potential recombinant vaccine against influenza A virus based on M2e displayed on nodaviral capsid nanoparticles. <i>International Journal of Nanomedicine</i> , 2015, 10, 2751.	3.3	31
13	Crystal structure of <i>Anoxybacillus</i> α -amylase provides insights into maltose binding of a new glycosyl hydrolase subclass. <i>Scientific Reports</i> , 2016, 6, 23126.	1.6	31
14	Delivery of chimeric hepatitis B core particles into liver cells. <i>Journal of Applied Microbiology</i> , 2012, 112, 119-131.	1.4	30
15	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
16	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
17	Induction of Humoral and Cell-Mediated Immune Responses by Hepatitis B Virus Epitope Displayed on the Virus-Like Particles of Prawn Nodavirus. <i>Applied and Environmental Microbiology</i> , 2015, 81, 882-889.	1.4	28
18	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

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19	Phage display creates innovative applications to combat hepatitis B virus. <i>World Journal of Gastroenterology</i> , 2014, 20, 11650.	1.4	27
20	Challenges and Complications of Poly(lactic-co-glycolic acid)-Based Long-Acting Drug Product Development. <i>Pharmaceutics</i> , 2022, 14, 614.	2.0	27
21	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
22	Cryo-Electron Microscopy Structure of the <i>Macrobrachium rosenbergii</i> Nodavirus Capsid at 7 Angstroms Resolution. <i>Scientific Reports</i> , 2017, 7, 2083.	1.6	24
23	Molecular detection and characterisation of Domestic Cat Hepadnavirus (DCH) from blood and liver tissues of cats in Malaysia. <i>BMC Veterinary Research</i> , 2021, 17, 9.	0.7	24
24	Analysis of chemical constituents, antimicrobial and anticancer activities of dichloromethane extracts of <i>Sordariomycetes</i> sp. endophytic fungi isolated from <i>Strobilanthes crispus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 5.	1.7	23
25	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
26	Biosensing of hepatitis B antigen with poly(acrylic acid) hydrogel immobilized with antigens and antibodies. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 409-417.	4.0	21
27	A Simple Add-and-Display Method for Immobilisation of Cancer Drug on His-tagged Virus-like Nanoparticles for Controlled Drug Delivery. <i>Scientific Reports</i> , 2017, 7, 5303.	1.6	21
28	Native agarose gel electrophoresis and electroelution: A fast and cost-effective method to separate the small and large hepatitis B capsids. <i>Electrophoresis</i> , 2013, 34, 244-253.	1.3	20
29	Infectious hematopoietic necrosis virus: advances in diagnosis and vaccine development. <i>PeerJ</i> , 2019, 7, e7151.	0.9	20
30	Synthesis of poly(acrylamide)-based hydrogel for bio-sensing of hepatitis B core antigen. <i>Materials Chemistry and Physics</i> , 2020, 243, 122578.	2.0	18
31	Targeted delivery of 5-fluorouracil-1-acetic acid (5-FA) to cancer cells overexpressing epithelial growth factor receptor (EGFR) using virus-like nanoparticles. <i>Scientific Reports</i> , 2020, 10, 16867.	1.6	16
32	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
33	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
34	Crystal structure and epitope analysis of house dust mite allergen Der f 21. <i>Scientific Reports</i> , 2019, 9, 4933.	1.6	13
35	Hepatitis B virus peptide inhibitors: solution structures and interactions with the viral capsid. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7780-7789.	1.5	12
36	Loop-Mediated Isothermal Amplification (LAMP) as a Promising Point-of-Care Diagnostic Strategy in Avian Virus Research. <i>Animals</i> , 2022, 12, 76.	1.0	9

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37	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
38	Virus-like Particle Vaccines: A Prospective Panacea Against an Avian Influenza Panzootic. <i>Vaccines</i> , 2020, 8, 694.	2.1	8
39	Peptide inhibitors of <i>Macrobrachium rosenbergii</i> nodavirus. <i>Journal of General Virology</i> , 2018, 99, 1227-1238.	1.3	8
40	A/T Run Geometry of B-form DNA Is Independent of Bound Methyl-CpG Binding Domain, Cytosine Methylation and Flanking Sequence. <i>Scientific Reports</i> , 2016, 6, 31210.	1.6	7
41	An Application of pET SUMO Protein Expression System in <i>Escherichia coli</i> : Cloning, Expression, Purification, and Characterisation of Native Kras4BG12V Oncoprotein. <i>Protein Journal</i> , 2020, 39, 54-61.	0.7	7
42	Crystal structure and functional analysis of human C1ORF123. <i>PeerJ</i> , 2018, 6, e5377.	0.9	7
43	Production of the virus-like particles of nipah virus matrix protein in <i>Pichia pastoris</i> as diagnostic reagents. <i>Biotechnology Progress</i> , 2016, 32, 1038-1045.	1.3	6
44	Hepatitis B Virus-Like Particle: Targeted Delivery of Plasmid Expressing Short Hairpin RNA for Silencing the Bcl-2 Gene in Cervical Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2320.	1.8	6
45	Oligomerization state of the multimerization domain of Nipah virus phosphoprotein. <i>Process Biochemistry</i> , 2013, 48, 1476-1480.	1.8	5
46	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. <i>Vaccines</i> , 2020, 8, 275.	2.1	5
47	Crystallization and X-ray crystallographic analysis of recombinant TylP, a putative β -butyrolactone receptor protein from <i>Streptomyces fradiae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 109-115.	0.4	4
48	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
49	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
50	Pharmacological Modulation of Apoptosis and Autophagy in the Treatment of Pancreatic Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	4
51	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
52	Cloning, expression, purification, characterization, crystallization and X-ray crystallographic analysis of recombinant Derâ€¦â€¦21 (rDerâ€¦â€¦21) from <i>Dermatophagoides farinae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1396-1400.	0.4	3
53	Chimeric Virus-Like Particles of Prawn Nodavirus Displaying Hepatitis B Virus Immunodominant Region: Biophysical Properties and Cytokine Response. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1922.	1.8	3
54	<i>In silico</i> and saturation transfer difference-NMR approaches to unravel the binding mode of an andrographolide derivative to K-Ras oncoprotein. <i>Future Medicinal Chemistry</i> , 2020, 12, 1611-1631.	1.1	2

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55	Microarray-based identification of differentially expressed genes associated with andrographolide derivatives-induced resistance in colon and prostate cancer cell lines. <i>Toxicology and Applied Pharmacology</i> , 2021, 425, 115605.	1.3	2
56	Immunological Analysis of Nodavirus Capsid Displaying the Domain III of Japanese Encephalitis Virus Envelope Protein. <i>Pharmaceutics</i> , 2021, 13, 1826.	2.0	2
57	Crystallization and preliminary crystallographic studies of the hypothetical protein BPSL1038 from <i>Burkholderia pseudomallei</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1697-1700.	0.4	1
58	Cloning, expression, purification, crystallization and X-ray crystallographic analysis of recombinant human C1ORF123 protein. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 207-213.	0.4	1
59	Regulation of Proteolytic Activity to Improve the Recovery of <i>Macrobrachium rosenbergii</i> Nodavirus Capsid Protein. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8725.	1.8	1
60	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
61	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
62	A K-RAS Inhibitor Abrogates Self-Renewal of Pancreatic Cancer Stem Cells via K-RAS - NF- κ B - SOX2 Axis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0