

Kiattawee Choowongkomon

List of Publications by Year in descending order

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136
papers

1,940
citations

236925

25
h-index

414414

32
g-index

140
all docs

140
docs citations

140
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	A VHH That Neutralizes the Zinc Metalloproteinase Activity of Botulinum Neurotoxin Type A. <i>Journal of Biological Chemistry</i> , 2010, 285, 9657-9666.	3.4	55
2	Cell Penetrable Humanized-VH/VHH That Inhibit RNA Dependent RNA Polymerase (NS5B) of HCV. <i>PLoS ONE</i> , 2012, 7, e49254.	2.5	52
3	PeptideDB: A web application for new bioactive peptides from food protein. <i>Heliyon</i> , 2019, 5, e02076.	3.2	49
4	ACE inhibitory peptides derived from de-fatted lemon basil seeds: optimization, purification, identification, structure–activity relationship and molecular docking analysis. <i>Food and Function</i> , 2020, 11, 8161-8178.	4.6	45
5	Insights into the Binding Recognition and Susceptibility of Tofacitinib toward Janus Kinases. <i>ACS Omega</i> , 2020, 5, 369-377.	3.5	43
6	De novo transcriptome assembly and identification of the gene conferring a “pandan-like” aroma in coconut (<i>Cocos nucifera</i> L.). <i>Plant Science</i> , 2016, 252, 324-334.	3.6	42
7	A Structural Model for the Membrane-bound Form of the Juxtamembrane Domain of the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 24043-24052.	3.4	41
8	Receptor-Based Virtual Screening of EGFR Kinase Inhibitors from the NCI Diversity Database. <i>Molecules</i> , 2010, 15, 4041-4054.	3.8	40
9	Synthesis, HIV-1 RT inhibitory, antibacterial, antifungal and binding mode studies of some novel N-substituted 5-benzylidene-2,4-thiazolidinediones. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 6.	2.0	39
10	Transepithelial transport across Caco-2 cell monolayers of angiotensin converting enzyme (ACE) inhibitory peptides derived from simulated in vitro gastrointestinal digestion of cooked chicken muscles. <i>Food Chemistry</i> , 2018, 251, 77-85.	8.2	39
11	Homodimers of Vanillin and Apocynin Decrease the Metastatic Potential of Human Cancer Cells by Inhibiting the FAK/PI3K/Akt Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2299-2306.	5.2	38
12	Novel bioactive peptides demonstrating anti-dengue virus activity isolated from the Asian medicinal plant <i>Acacia Catechu</i> . <i>Chemical Biology and Drug Design</i> , 2019, 93, 100-109.	3.2	37
13	Peptide Inhibitors Against Dengue Virus Infection. <i>Chemical Biology and Drug Design</i> , 2014, 84, 148-157.	3.2	35
14	Generation of human and rabbit recombinant antibodies for the detection of Zearalenone by phage display antibody technology. <i>Talanta</i> , 2019, 201, 397-405.	5.5	35
15	Discovery of New and Potent InhA Inhibitors as Antituberculosis Agents: Structure-Based Virtual Screening Validated by Biological Assays and X-ray Crystallography. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 226-234.	5.4	34
16	A Peptide Inhibitor Derived from the Conserved Ectodomain Region of DENV Membrane (M) Protein with Activity Against Dengue Virus Infection. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1093-1104.	3.2	32
17	Characterization of human semen α -L-fucosidases. <i>Molecular Human Reproduction</i> , 1999, 5, 809-815.	2.8	30
18	A novel ACE inhibitory peptide derived from alkaline hydrolysis of ostrich (<i>Struthio camelus</i>) egg white ovalbumin. <i>Process Biochemistry</i> , 2018, 73, 235-245.	3.7	30

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19	A PCR-based marker for a locus conferring the aroma in Myanmar rice (<i>Oryza sativa</i> L.). Theoretical and Applied Genetics, 2012, 125, 887-896.	3.6	29
20	Chebulin: <i>Terminalia chebula</i> Retz. fruit-derived peptide with angiotensin-converting enzyme inhibitory activity. Biotechnology and Applied Biochemistry, 2015, 62, 746-753.	3.1	29
21	Two novel ACE inhibitory peptides isolated from longan seeds: purification, inhibitory kinetics and mechanisms. RSC Advances, 2020, 10, 12711-12720.	3.6	29
22	Biochemical Characterization of the α -Amylase Inhibitor in Mungbeans and Its Application in Inhibiting the Growth of <i>Callosobruchus maculatus</i> . Journal of Agricultural and Food Chemistry, 2010, 58, 2131-2137.	5.2	27
23	Human monoclonal ScFv specific to NS1 protein inhibits replication of influenza viruses across types and subtypes. Antiviral Research, 2013, 100, 226-237.	4.1	27
24	Transepithelial transport and structural changes of chicken angiotensin I-converting enzyme (ACE) inhibitory peptides through Caco-2 cell monolayers. Journal of Functional Foods, 2018, 45, 401-408.	3.4	27
25	Surface molecular imprints of WGA lectin as artificial receptors for mass-sensitive binding studies. Analytical and Bioanalytical Chemistry, 2011, 400, 2499-2506.	3.7	26
26	The potential peptides against angiotensin-I converting enzyme through a virtual tripeptide-constructing library. Computational Biology and Chemistry, 2018, 77, 207-213.	2.3	26
27	Cell-penetrable nanobodies (transbodies) that inhibit the tyrosine kinase activity of EGFR leading to the impediment of human lung adenocarcinoma cell motility and survival. Journal of Cellular Biochemistry, 2019, 120, 18077-18087.	2.6	26
28	Specificity Determinants of a Novel Nck Interaction with the Juxtamembrane Domain of the Epidermal Growth Factor Receptor,. Biochemistry, 2008, 47, 3096-3108.	2.5	24
29	Computational analyses of curcuminoid analogs against kinase domain of HER2. BMC Bioinformatics, 2014, 15, 261.	2.6	23
30	Identification of Vinyl Sulfone Derivatives as EGFR Tyrosine Kinase Inhibitor: In Vitro and In Silico Studies. Molecules, 2021, 26, 2211.	3.8	23
31	Computational study of EGFR inhibition: molecular dynamics studies on the active and inactive protein conformations. Journal of Molecular Modeling, 2013, 19, 497-509.	1.8	22
32	The TTSMI database: a catalog of triplex target DNA sites associated with genes and regulatory elements in the human genome. Nucleic Acids Research, 2015, 43, D110-D116.	14.5	22
33	Biological Evaluation and Molecular Dynamics Simulation of Chalcone Derivatives as Epidermal Growth Factor-Tyrosine Kinase Inhibitors. Molecules, 2019, 24, 1092.	3.8	22
34	Discovery of a novel CnAMADH2 allele associated with higher levels of 2-acetyl-1-pyrroline (2AP) in yellow dwarf coconut (<i>Cocos nucifera</i> L.). Scientia Horticulturae, 2019, 243, 490-497.	3.6	22
35	Sensing the classical swine fever virus with molecularly imprinted polymer on quartz crystal microbalance. Heliyon, 2020, 6, e04137.	3.2	22
36	Aptasensor for paraquat detection by gold nanoparticle colorimetric method. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2021, 56, 370-377.	1.5	22

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37	Discovery of novel JAK2 and EGFR inhibitors from a series of thiazole-based chalcone derivatives. RSC Medicinal Chemistry, 2021, 12, 430-438.	3.9	22
38	Enhancement and Analysis of Human Antiaflatoxin B1 (AFB1) scFv Antibody's Ligand Interaction Using Chain Shuffling. Journal of Agricultural and Food Chemistry, 2018, 66, 5713-5722.	5.2	20
39	Understanding the molecular basis of EGFR kinase domain/MIG-6 peptide recognition complex using computational analyses. BMC Bioinformatics, 2015, 16, 103.	2.6	18
40	Evaluation of the anti-malarial activity and cytotoxicity of 2,4-diamino-pyrimidine-based kinase inhibitors. European Journal of Medicinal Chemistry, 2016, 124, 896-905.	5.5	18
41	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom (<i>Lentinula</i>) TJ ETQq1 1 0.784314 rgBT /Overl	2.8	18
42	Characterisation of thermostable trypsin and determination of trypsin isozymes from intestine of Nile tilapia (<i>Oreochromis niloticus</i> L.). Food Chemistry, 2012, 134, 1533-1541.	8.2	17
43	In silico screening of epidermal growth factor receptor (EGFR) in the tyrosine kinase domain through a medicinal plant compound database. Journal of Molecular Modeling, 2012, 18, 1241-1254.	1.8	17
44	Molecular cloning and characterization of Siamese crocodile (<i>Crocodylus siamensis</i>) copper, zinc superoxide dismutase (CSI- Cu,Zn-SOD) gene. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 191, 187-195.	1.8	17
45	Anti-inflammatory properties of the stem bark from the herbal drug <i>Vitex peduncularis</i> Wall. ex Schauer and characterization of its polyphenolic profile. Food and Chemical Toxicology, 2017, 106, 8-16.	3.6	16
46	Molecular docking study of lamellarin analogues and identification of potential inhibitors of HIV-1 integrase strand transfer complex by virtual screening. Heliyon, 2019, 5, e02811.	3.2	16
47	Development of loop-mediated isothermal amplification (LAMP) assay using SYBR safe and gold-nanoparticle probe for detection of <i>Leishmania</i> in HIV patients. Scientific Reports, 2021, 11, 12152.	3.3	16
48	Evaluation of tyrosinase inhibitory activity and mechanism of Leucrocine I and its modified peptides. Journal of Bioscience and Bioengineering, 2020, 130, 239-246.	2.2	16
49	Discovery of calcium-binding peptides derived from defatted lemon basil seeds with enhanced calcium uptake in human intestinal epithelial cells, Caco-2. Scientific Reports, 2022, 12, 4659.	3.3	16
50	Simple and rapid determination of the enzyme kinetics of HIV-1 reverse transcriptase and anti-HIV-1 agents by a fluorescence based method. Journal of Virological Methods, 2011, 171, 381-387.	2.1	15
51	Application of Site-Specific Spin Labeling for NMR Detecting Inhibitor-Induced Conformational Change of HIV-1 Reverse Transcriptase. ChemMedChem, 2016, 11, 363-366.	3.2	15
52	An <i>in vitro</i> study of lipase inhibitory peptides obtained from de-oiled rice bran. RSC Advances, 2021, 11, 18915-18929.	3.6	15
53	Biochemical and Enzymatic Study of Rice BADH Wild-Type and Mutants: An Insight into Fragrance in Rice. Protein Journal, 2011, 30, 529-538.	1.6	14
54	Molecular dynamics simulations reveal structural instability of human trypsin inhibitor upon D50E and Y54H mutations. Journal of Molecular Modeling, 2013, 19, 521-528.	1.8	14

55	Antibacterial and EGFR-Tyrosine Kinase Inhibitory Activities of Polyhydroxylated Xanthenes from <i>Garcinia succifolia</i> . <i>Molecules</i> , 2014, 19, 19923-19934.	3.8	14
56	The anti-oxidative effect of Lingzhi protein hydrolysates on lipopolysaccharide-stimulated A549 cells. <i>Food Bioscience</i> , 2021, 41, 101093.	4.4	14
57	Generation of human single-chain variable fragment antibodies specific to dengue virus non-structural protein 1 that interfere with the virus infectious cycle. <i>MAbs</i> , 2014, 6, 474-482.	5.2	13
58	NMR characterization of HIV-1 reverse transcriptase binding to various non-nucleoside reverse transcriptase inhibitors with different activities. <i>Scientific Reports</i> , 2015, 5, 15806.	3.3	13
59	Natural rubber as a template for making hollow silica spheres and their use as antibacterial agents. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 10-18.	4.4	13
60	Computational screening of chalcones acting against topoisomerase II α and their cytotoxicity towards cancer cell lines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 134-143.	5.2	13
61	Computational analysis of binding between malarial dihydrofolate reductases and anti-folates. <i>Malaria Journal</i> , 2010, 9, 65.	2.3	12
62	Insight into HIV-1 reverse transcriptase–aptamer interaction from molecular dynamics simulations. <i>Journal of Molecular Modeling</i> , 2014, 20, 2380.	1.8	12
63	Characterization and expression analysis of the transferrin gene in Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Biochemistry</i> , 2014, 40, 1473-1485.	2.3	12
64	Design, synthesis, and evaluation of the anticancer activity of 2-amino-7- <i>benzoxazole</i> compounds. <i>Chemical Biology and Drug Design</i> , 2017, 90, 987-994.	3.2	12
65	Expression, purification, and characterization of the native intracellular domain of human epidermal growth factor receptors 1 and 2 in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8427-8438.	3.6	12
66	Molecular dynamics of the asymmetric dimers of EGFR: Simulations on the active and inactive conformations of the kinase domain. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 58, 16-29.	2.4	11
67	Design, synthesis and evaluation of N2,N4-diaminoquinazoline based inhibitors of phosphodiesterase type 5. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 267-270.	2.2	11
68	Human ScFv that block sodium ion channel activity of tetrodotoxin. <i>Toxicon</i> , 2012, 59, 272-282.	1.6	10
69	A Synthetic Bioactive Peptide Derived from the Asian Medicinal Plant <i>Acacia catechu</i> Binds to Dengue Virus and Inhibits Cell Entry. <i>Viruses</i> , 2020, 12, 1267.	3.3	10
70	Study of the Lipolysis Effect of Nanoliposome-Encapsulated <i>Ganoderma lucidum</i> Protein Hydrolysates on Adipocyte Cells Using Proteomics Approach. <i>Foods</i> , 2021, 10, 2157.	4.3	10
71	Generation of a nanobody against HER2 tyrosine kinase using phage display library screening for HER2-positive breast cancer therapy development. <i>Protein Engineering, Design and Selection</i> , 2021, 34, .	2.1	10
72	Structural dynamics and kinase inhibitory activity of three generations of tyrosine kinase inhibitors against wild-type, L858R/T790M, and L858R/T790M/C797S forms of EGFR. <i>Computers in Biology and Medicine</i> . 2022, 147, 105787.	7.0	10

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73	Molecular cloning and characterization of the CHS gene family in turmeric (<i>Curcuma longa</i> Linn.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 25-33.	1.7	9
74	Synthesis and evaluation of the NSCLC anti-cancer activity and physical properties of 4-aryl- N-phenylpyrimidin-2-amines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4749-4754.	2.2	9
75	Anti-HIV-1 reverse transcriptase property of some edible mushrooms in Asia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2807-2815.	3.8	9
76	A novel angiotensin I-converting enzyme inhibitory peptide derived from the trypsin hydrolysates of salmon bone proteins. <i>PLoS ONE</i> , 2021, 16, e0256595.	2.5	9
77	Screening for lead compounds and herbal extracts with potential anti-influenza viral activity. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> , 2014, 45, 62-74.	1.0	9
78	Bioactivities of <i>Atropa curcas</i> Seed Coat. <i>Chemical Biology and Drug Design</i> , 2013, 82, 453-462.	3.2	8
79	FTIR spectra signatures reveal different cellular effects of EGFR inhibitors on nonsmall cell lung cancer cells. <i>Journal of Biophotonics</i> , 2020, 13, e201960012.	2.3	8
80	Efficacy of cyclic lipopeptides obtained from <i>Bacillus subtilis</i> to inhibit the growth of <i>Microsporum canis</i> isolated from cats. <i>Heliyon</i> , 2021, 7, e07980.	3.2	8
81	Anti-feline immunodeficiency virus reverse transcriptase properties of some medicinal and edible mushrooms. <i>Veterinary World</i> , 2020, 13, 1798-1806.	1.7	8
82	In silico identification and in vitro validation of nogalamycin N-oxide (NSC116555) as a potent anticancer compound against non-small cell lung cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3353-3361.	2.6	7
83	Selection and Characterization of a Single-Chain Variable Fragment against Porcine Circovirus Type 2 Capsid and Impedimetric Immunosensor Development. <i>ACS Omega</i> , 2021, 6, 24233-24243.	3.5	7
84	Development of a biosensor from aptamers for detection of the porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Science</i> , 2020, 21, e79.	1.3	7
85	A novel nanobody as therapeutics target for EGFR-positive colorectal cancer therapy: exploring the effects of the nanobody on SW480 cells using proteomics approach. <i>Proteome Science</i> , 2022, 20, 9.	1.7	7
86	Elucidation of Vasodilation Response and Structure Activity Relationships of N2,N4-Disubstituted Quinazoline 2,4-Diamines in a Rat Pulmonary Artery Model. <i>Molecules</i> , 2019, 24, 281.	3.8	6
87	Liposomal Thioestrepton Formulation and Its Effect on Breast Cancer Growth Inhibition. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2508-2516.	3.3	6
88	Molecular dynamics, MM/PBSA and in vitro validation of a novel quinazoline-based EGFR tyrosine kinase inhibitor identified using structure-based in silico screening. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 99, 107639.	2.4	6
89	HDAC inhibitor cowanin extracted from <i>G. fusca</i> induces apoptosis and autophagy via inhibition of the PI3K/Akt/mTOR pathways in Jurkat cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112577.	5.6	6
90	Comparative Draft Genomes of <i>Leishmania orientalis</i> Isolate PCM2 (Formerly Named <i>Leishmania</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Biology</i> , 2022, 11, 515.	2.8	6

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91	Discovery of a Multifunctional Octapeptide from Lingzhi with Antioxidant and Tyrosinase Inhibitory Activity. <i>Pharmaceutics</i> , 2022, 15, 684.	3.8	6
92	Aqueous and Micelle-bound Structural Characterization of the Epidermal Growth Factor Receptor Juxtamembrane Domain Containing Basolateral Sorting Motifs. <i>Journal of Biomolecular Structure and Dynamics</i> , 2004, 21, 813-826.	3.5	5
93	In vitro and in silico binding study of the peptide derived from HIV-1 CA-CTD and LysRS as a potential HIV-1 blocking site. <i>Journal of Theoretical Biology</i> , 2011, 270, 88-97.	1.7	5
94	The C-terminally shortened analogs of a hexapeptide derived from Lingzhi hydrolysate with enhanced tyrosinase-inhibitory activity. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100204.	4.1	5
95	Antioxidant Activity and Cytotoxicity against Cancer Cell Lines of the Extracts from Novel <i>Xylaria</i> Species Associated with Termite Nests and LC-MS Analysis. <i>Antioxidants</i> , 2021, 10, 1557.	5.1	5
96	Utilizing Quantitative Proteomics to Identify Species-Specific Protein Therapeutic Targets for the Treatment of Leishmaniasis. <i>ACS Omega</i> , 2022, 7, 12580-12588.	3.5	5
97	Identification of tripeptides against tyrosine kinase domain of EGFR for lung cancer cell inhibition by in silico and in vitro studies. <i>Chemical Biology and Drug Design</i> , 2022, 99, 456-469.	3.2	5
98	Purification, crystallization and preliminary X-ray analysis of recombinant betaine aldehyde dehydrogenase 2 (OsBADH2), a protein involved in jasmine aroma, from Thai fragrant rice (<i>Oryza</i>). <i>Journal of Molecular Modeling</i> , 2014, 20, 2116.	3.7	5
99	Homology modeling and virtual screening for antagonists of protease from yellow head virus. <i>Journal of Molecular Modeling</i> , 2014, 20, 2116.	1.8	4
100	Use of Capillary Electrophoresis to Study the Binding Interaction of Aptamers with Wild-Type, K103N, and Double Mutant (K103N/Y181C) HIV-1 RT. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 546-558.	2.9	4
101	Potential tripeptides against the tyrosine kinase domain of human epidermal growth factor receptor (HER) 2 through computational and kinase assay approaches. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 97, 107564.	2.4	4
102	Evaluation of a Commercial Enzyme-Linked Immunosorbent Assay Kit and In-House <i>Fasciola gigantica</i> Cysteine Proteinases-Based Enzyme-Linked Immunosorbent Assays for Diagnosis of Human Fascioliasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 591-598.	1.4	4
103	A novel cyclic NP1 reveals obstruction of EGFR kinase activity and attenuation of EGFR-driven cell lines. <i>Journal of Cellular Biochemistry</i> , 2021, , .	2.6	4
104	Role of conserved arginine in <i>HadA</i> monooxygenase for 4-chlorophenol and 4-nitrophenol detoxification. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 1291-1302.	2.6	4
105	Risk factors and clinical and laboratory findings associated with feline immunodeficiency virus and feline leukemia virus infections in Bangkok, Thailand. <i>Veterinary World</i> , 0, , 1601-1609.	1.7	4
106	Dipyridodiazepinone derivatives; synthesis and anti HIV-1 activity. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 36.	2.2	3
107	Novel GH-20 β -N-acetylglucosaminidase inhibitors: Virtual screening, molecular docking, binding affinity, and anti-tumor activity. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 503-512.	7.5	3
108	Chamuangone from <i>Garcinia cowa</i> leaves inhibits cell proliferation and migration and induces cell apoptosis in human cervical cancer <i>in vitro</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 470-480.	2.4	3

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109	Novel peptides with HIV-1 reverse transcriptase inhibitory activity derived from the fruits of <i>Quercus infectoria</i> . <i>Chemical Biology and Drug Design</i> , 2021, 97, 157-166.	3.2	3
110	Characterization of New DNA Aptamers for Anti-HIV-1 Reverse Transcriptase. <i>ChemBioChem</i> , 2021, 22, 915-923.	2.6	3
111	Biosensors for the detection of organophosphate exposure by a new diethyl thiophosphate-specific aptamer. <i>Biotechnology Letters</i> , 2021, 43, 1869-1881.	2.2	3
112	Comparative sequence analysis of the accessory and nucleocapsid genes of feline coronavirus strains isolated from cats diagnosed with effusive feline infectious peritonitis. <i>Archives of Virology</i> , 2021, 166, 2779-2787.	2.1	3
113	KERRA, Mixed Medicinal Plant Extracts, Inhibits SARS-CoV-2 Targets Enzymes and Feline Coronavirus. <i>Covid</i> , 2022, 2, 621-632.	1.5	3
114	Mass spectrometry and synchrotron FTIR microspectroscopy reveal the anti-inflammatory activity of Bua Bok extracts. <i>Phytochemical Analysis</i> , 0, , .	2.4	3
115	Characterization of the Carboxylate Delivery Module of Transcarboxylase: Following Spontaneous Decarboxylation of the 1.3S-CO2-Subunit by NMR and FTIR Spectroscopies. <i>Biochemistry</i> , 2002, 41, 2191-2197.	2.5	2
116	The Effect of the EGFR - Targeting Compound 3-[(4-Phenylpyrimidin-2-yl) Amino] Benzene-1-Sulfonamide (13f) against Cholangiocarcinoma Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 381-390.	1.2	2
117	Probing the Anti-Cancer Potency of Sulfated Galactans on Cholangiocarcinoma Cells Using Synchrotron FTIR Microspectroscopy, Molecular Docking, and In Vitro Studies. <i>Marine Drugs</i> , 2021, 19, 258.	4.6	2
118	Development of an easy-to-use urease kit for detecting <i>Helicobacter pylori</i> in canine gastric mucosa. <i>Veterinary World</i> , 2021, 14, 1977-1987.	1.7	2
119	Synthesis, Plasmodium falciparum Inhibitory Activity, Cytotoxicity and Solubility of N2 ,N4 -Disubstituted Quinazoline-2,4-diamines.. <i>Medicinal Chemistry</i> , 2019, 15, 693-704.	1.5	2
120	Discovery of potent antiproliferative agents from selected oxygen heterocycles as EGFR tyrosine kinase inhibitors from the U.S. National Cancer Institute database by in silico screening and bioactivity evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 58, 128524.	2.2	2
121	Biophysical Characterization of Novel DNA Aptamers against K103N/Y181C Double Mutant HIV-1 Reverse Transcriptase. <i>Molecules</i> , 2022, 27, 285.	3.8	2
122	4-Aryl-N-phenylpyrimidin-2-amines targeting EGFR-tyrosine kinase attenuated EGFR-expressing cell lines. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, 5, 100062.	1.4	2
123	Synchrotron Fourier Transform Infrared Microscopy Spectra in Cellular Effects of Janus Kinase Inhibitors on Myelofibrosis Cancer Cells. <i>ACS Omega</i> , 2022, 7, 22797-22803.	3.5	2
124	Evaluation of potential anti-metastatic and antioxidative abilities of natural peptides derived from <i>Tecoma stans</i> (L.) Juss. ex Kunth in A549 cells. <i>PeerJ</i> , 0, 10, e13693.	2.0	2
125	Acquisition of naturally acquired antibody response to Plasmodium falciparum erythrocyte membrane protein 1-DBL α and differential regulation of IgG subclasses in severe and uncomplicated malaria. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 1055-1061.	1.2	1
126	Molecular dynamics simulations of asymmetric heterodimers of HER1/HER2 complexes. <i>Journal of Molecular Modeling</i> , 2018, 24, 30.	1.8	1

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127	Aptamer-Based QCM-Sensor for Rapid Detection of PRRS Virus. Proceedings (mdpi), 2018, 2, 1038.	0.2	1
128	Identification of bacteria caused bad odors in the rubber plants. IOP Conference Series: Materials Science and Engineering, 2019, 526, 012044.	0.6	1
129	In silico structural elucidation of the rabies RNA-dependent RNA polymerase (RdRp) toward the identification of potential rabies virus inhibitors. Journal of Molecular Modeling, 2021, 27, 183.	1.8	1
130	Î ² -eudesmol but not atractylodin exerts an inhibitory effect on CFTR-mediated chloride transport in human intestinal epithelial cells. Biomedicine and Pharmacotherapy, 2021, 142, 112030.	5.6	1
131	ICP35 Is a TREX-Like Protein Identified in White Spot Syndrome Virus. PLoS ONE, 2016, 11, e0158301.	2.5	1
132	Studies of Anti-EGFR Tyrosine Kinase Activity of Thai nutraceutical Plants. Iranian Journal of Pharmaceutical Research, 2020, 19, 199-206.	0.5	1
133	Bioactivities of In Vitro Transepithelial Transported Peptides from Cooked Chicken Breast. International Journal of Peptide Research and Therapeutics, 2022, 28, .	1.9	1
134	Antimicrobial peptides of Lactobacillus salivarius K4 isolated from chicken intestine. ScienceAsia, 2014, 40, 135.	0.5	0
135	Identification of management of malodour from odour-producing bacteria in natural rubber. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2021, 24, 563-574.	1.1	0
136	Structural Distinctive 26SK, a Ribosome-Inactivating Protein from Jatropha curcas and Its Biological Activities. Applied Biochemistry and Biotechnology, 2021, 193, 3877-3897.	2.9	0