

# Kiattawee Choowongkomon

## List of Publications by Year in descending order

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136  
papers

1,940  
citations

236612

25  
h-index

414034

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.	1.6	55
2	Cell Penetrable Humanized-VH/VHH That Inhibit RNA Dependent RNA Polymerase (NS5B) of HCV. <i>PLoS ONE</i> , 2012, 7, e49254.	1.1	52
3	PeptideDB: A web application for new bioactive peptides from food protein. <i>Heliyon</i> , 2019, 5, e02076.	1.4	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.	2.1	45
5	Insights into the Binding Recognition and Susceptibility of Tofacitinib toward Janus Kinases. <i>ACS Omega</i> , 2020, 5, 369-377.	1.6	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.	1.7	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.	1.6	41
8	Receptor-Based Virtual Screening of EGFR Kinase Inhibitors from the NCI Diversity Database. <i>Molecules</i> , 2010, 15, 4041-4054.	1.7	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.	0.9	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.	4.2	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.	2.4	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.	1.5	37
13	Peptide Inhibitors Against Dengue Virus Infection. <i>Chemical Biology and Drug Design</i> , 2014, 84, 148-157.	1.5	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.	2.9	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.	2.5	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.	1.5	32
17	Characterization of human semen $\alpha$ -L-fucosidases. <i>Molecular Human Reproduction</i> , 1999, 5, 809-815.	1.3	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.	1.8	30

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19	A PCR-based marker for a locus conferring the aroma in Myanmar rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2012, 125, 887-896.	1.8	29
20	Chebulin: <i>Terminalia chebula</i> Retz. fruit-derived peptide with angiotensin-converting enzyme inhibitory activity. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 746-753.	1.4	29
21	Two novel ACE inhibitory peptides isolated from longan seeds: purification, inhibitory kinetics and mechanisms. <i>RSC Advances</i> , 2020, 10, 12711-12720.	1.7	29
22	Biochemical Characterization of the $\alpha$ -Amylase Inhibitor in Mungbeans and Its Application in Inhibiting the Growth of <i>Callosobruchus maculatus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2131-2137.	2.4	27
23	Human monoclonal ScFv specific to NS1 protein inhibits replication of influenza viruses across types and subtypes. <i>Antiviral Research</i> , 2013, 100, 226-237.	1.9	27
24	Transepithelial transport and structural changes of chicken angiotensin I-converting enzyme (ACE) inhibitory peptides through Caco-2 cell monolayers. <i>Journal of Functional Foods</i> , 2018, 45, 401-408.	1.6	27
25	Surface molecular imprints of WGA lectin as artificial receptors for mass-sensitive binding studies. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2499-2506.	1.9	26
26	The potential peptides against angiotensin-I converting enzyme through a virtual tripeptide-constructing library. <i>Computational Biology and Chemistry</i> , 2018, 77, 207-213.	1.1	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. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18077-18087.	1.2	26
28	Specificity Determinants of a Novel Nck Interaction with the Juxtamembrane Domain of the Epidermal Growth Factor Receptor. <i>Biochemistry</i> , 2008, 47, 3096-3108.	1.2	24
29	Computational analyses of curcuminoid analogs against kinase domain of HER2. <i>BMC Bioinformatics</i> , 2014, 15, 261.	1.2	23
30	Identification of Vinyl Sulfone Derivatives as EGFR Tyrosine Kinase Inhibitor: In Vitro and In Silico Studies. <i>Molecules</i> , 2021, 26, 2211.	1.7	23
31	Computational study of EGFR inhibition: molecular dynamics studies on the active and inactive protein conformations. <i>Journal of Molecular Modeling</i> , 2013, 19, 497-509.	0.8	22
32	The TTSMI database: a catalog of triplex target DNA sites associated with genes and regulatory elements in the human genome. <i>Nucleic Acids Research</i> , 2015, 43, D110-D116.	6.5	22
33	Biological Evaluation and Molecular Dynamics Simulation of Chalcone Derivatives as Epidermal Growth Factor-Tyrosine Kinase Inhibitors. <i>Molecules</i> , 2019, 24, 1092.	1.7	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.). <i>Scientia Horticulturae</i> , 2019, 243, 490-497.	1.7	22
35	Sensing the classical swine fever virus with molecularly imprinted polymer on quartz crystal microbalance. <i>Heliyon</i> , 2020, 6, e04137.	1.4	22
36	Aptasensor for paraquat detection by gold nanoparticle colorimetric method. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021, 56, 370-377.	0.7	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.	1.7	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.	2.4	20
39	Understanding the molecular basis of EGFR kinase domain/MIG-6 peptide recognition complex using computational analyses. BMC Bioinformatics, 2015, 16, 103.	1.2	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.	2.6	18
41	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom ( <i>Lentinula</i> ) Tj ETQq1 1 0.784314 rgBT /Overload	1.4	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.	4.2	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.	0.8	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.	0.8	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.	1.8	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.	1.4	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.	1.6	16
48	Evaluation of tyrosinase inhibitory activity and mechanism of Leucrociclin I and its modified peptides. Journal of Bioscience and Bioengineering, 2020, 130, 239-246.	1.1	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.	1.6	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.	1.0	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.	1.6	15
52	An <i>in vitro</i> study of lipase inhibitory peptides obtained from de-oiled rice bran. RSC Advances, 2021, 11, 18915-18929.	1.7	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.	0.7	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.	0.8	14

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55	Antibacterial and EGFR-Tyrosine Kinase Inhibitory Activities of Polyhydroxylated Xanthenes from <i>Garcinia succifolia</i> . <i>Molecules</i> , 2014, 19, 19923-19934.	1.7	14
56	The anti-oxidative effect of Lingzhi protein hydrolysates on lipopolysaccharide-stimulated A549 cells. <i>Food Bioscience</i> , 2021, 41, 101093.	2.0	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.	2.6	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.	1.6	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.	2.2	13
60	Computational screening of chalcones acting against topoisomerase III $\alpha$ and their cytotoxicity towards cancer cell lines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 134-143.	2.5	13
61	Computational analysis of binding between malarial dihydrofolate reductases and anti-folates. <i>Malaria Journal</i> , 2010, 9, 65.	0.8	12
62	Insight into HIV-1 reverse transcriptase–aptamer interaction from molecular dynamics simulations. <i>Journal of Molecular Modeling</i> , 2014, 20, 2380.	0.8	12
63	Characterization and expression analysis of the transferrin gene in Nile tilapia ( <i>Oreochromis Tj</i> ETQq1 1 0.784314 rgBT /Overlock 10). <i>Biochemistry</i> , 2014, 40, 1473-1485.	0.9	12
64	Design, synthesis, and evaluation of the anticancer activity of 2-amino-7-benzoxazole compounds. <i>Chemical Biology and Drug Design</i> , 2017, 90, 987-994.	1.5	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.	1.7	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.	1.3	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.	1.0	11
68	Human ScFv that block sodium ion channel activity of tetrodotoxin. <i>Toxicon</i> , 2012, 59, 272-282.	0.8	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.	1.5	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.	1.9	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, .	1.0	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.	3.9	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.	0.9	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.	1.0	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.	1.8	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.	1.1	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.	1.5	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.	1.1	8
80	Efficacy of cyclic lipopeptides obtained from <i>Bacillus subtilis</i> to inhibit the growth of <i>Microsporium canis</i> isolated from cats. <i>Heliyon</i> , 2021, 7, e07980.	1.4	8
81	Anti-feline immunodeficiency virus reverse transcriptase properties of some medicinal and edible mushrooms. <i>Veterinary World</i> , 2020, 13, 1798-1806.	0.7	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.	1.2	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.	1.6	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.	0.5	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.	0.7	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.	1.7	6
87	Liposomal Thioestrepton Formulation and Its Effect on Breast Cancer Growth Inhibition. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2508-2516.	1.6	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.	1.3	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.	2.5	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.	1.3	6

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91	Discovery of a Multifunctional Octapeptide from Lingzhi with Antioxidant and Tyrosinase Inhibitory Activity. <i>Pharmaceuticals</i> , 2022, 15, 684.	1.7	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.	2.0	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.	0.8	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.	2.1	5
95	Antioxidant Activity and Cytotoxicity against Cancer Cell Lines of the Extracts from Novel Xylaria Species Associated with Termite Nests and LC-MS Analysis. <i>Antioxidants</i> , 2021, 10, 1557.	2.2	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.	1.6	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.	1.5	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> ) Tj ETQq0 0 0 rgB7.7/Overlook 10 Tf 50		
99	Homology modeling and virtual screening for antagonists of protease from yellow head virus. <i>Journal of Molecular Modeling</i> , 2014, 20, 2116.	0.8	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.	1.4	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.	1.3	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.	0.6	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, , .	1.2	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.	1.5	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.	0.7	4
106	Dipyridodiazepinone derivatives; synthesis and anti HIV-1 activity. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 36.	1.3	3
107	Novel GH-20 $\beta$ -N-acetylglucosaminidase inhibitors: Virtual screening, molecular docking, binding affinity, and anti-tumor activity. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 503-512.	3.6	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.	1.2	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.	1.5	3
110	Characterization of New DNA Aptamers for Anti-HIV-1 Reverse Transcriptase. <i>ChemBioChem</i> , 2021, 22, 915-923.	1.3	3
111	Biosensors for the detection of organophosphate exposure by a new diethyl thiophosphate-specific aptamer. <i>Biotechnology Letters</i> , 2021, 43, 1869-1881.	1.1	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.	0.9	3
113	KERRA, Mixed Medicinal Plant Extracts, Inhibits SARS-CoV-2 Targets Enzymes and Feline Coronavirus. <i>Covid</i> , 2022, 2, 621-632.	0.7	3
114	Mass spectrometry and synchrotron FTIR microspectroscopy reveal the anti-inflammatory activity of Bua Bok extracts. <i>Phytochemical Analysis</i> , 0, , .	1.2	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.	1.2	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.	0.5	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.	2.2	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.	0.7	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.	0.7	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.	1.0	2
121	Biophysical Characterization of Novel DNA Aptamers against K103N/Y181C Double Mutant HIV-1 Reverse Transcriptase. <i>Molecules</i> , 2022, 27, 285.	1.7	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.	0.6	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.	1.6	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.	0.9	2
125	Acquisition of naturally acquired antibody response to Plasmodium falciparum erythrocyte membrane protein 1-DBL $\alpha$ and differential regulation of IgG subclasses in severe and uncomplicated malaria. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 1055-1061.	0.5	1
126	Molecular dynamics simulations of asymmetric heterodimers of HER1/HER2 complexes. <i>Journal of Molecular Modeling</i> , 2018, 24, 30.	0.8	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.	0.3	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.	0.8	1
130	Î²-eudesmol but not atractylodin exerts an inhibitory effect on CFTR-mediated chloride transport in human intestinal epithelial cells. Biomedicine and Pharmacotherapy, 2021, 142, 112030.	2.5	1
131	ICP35 Is a TREX-Like Protein Identified in White Spot Syndrome Virus. PLoS ONE, 2016, 11, e0158301.	1.1	1
132	Studies of Anti-EGFR Tyrosine Kinase Activity of Thai nutraceutical Plants. Iranian Journal of Pharmaceutical Research, 2020, 19, 199-206.	0.3	1
133	Bioactivities of In Vitro Transepithelial Transported Peptides from Cooked Chicken Breast. International Journal of Peptide Research and Therapeutics, 2022, 28, .	0.9	1
134	Antimicrobial peptides of Lactobacillus salivarius K4 isolated from chicken intestine. ScienceAsia, 2014, 40, 135.	0.2	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.	0.4	0
136	Structural Distinctive 26SK, a Ribosome-Inactivating Protein from Jatropha curcas and Its Biological Activities. Applied Biochemistry and Biotechnology, 2021, 193, 3877-3897.	1.4	0