

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	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
2	Biophysical Characterization of Novel DNA Aptamers against K103N/Y181C Double Mutant HIV-1 Reverse Transcriptase. <i>Molecules</i> , 2022, 27, 285.	3.8	2
3	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
4	Role of conserved arginine in <i>HadA</i> monooxygenase for 4-nitrophenol and 4-chlorophenol detoxification. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 1291-1302.	2.6	4
5	Discovery of calcium-binding peptides derived from defatted lemon basil seeds with enhanced calcium uptake in human intestinal epithelial cells, Caco-2. <i>Scientific Reports</i> , 2022, 12, 4659.	3.3	16
6	Comparative Draft Genomes of <i>Leishmania orientalis</i> Isolate PCM2 (Formerly Named <i>Leishmania</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 <i>Biology</i> , 2022, 11, 515.	2.8	6
7	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
8	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
9	Bioactivities of In Vitro Transepithelial Transported Peptides from Cooked Chicken Breast. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	1.9	1
10	KERRA, Mixed Medicinal Plant Extracts, Inhibits SARS-CoV-2 Targets Enzymes and Feline Coronavirus. <i>Covid</i> , 2022, 2, 621-632.	1.5	3
11	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
12	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
13	Discovery of a Multifunctional Octapeptide from Lingzhi with Antioxidant and Tyrosinase Inhibitory Activity. <i>Pharmaceuticals</i> , 2022, 15, 684.	3.8	6
14	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
15	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
16	Angiotensin-I converting enzyme inhibitory peptide derived from the shiitake mushroom (<i>Lentinula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.8	18
17	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
18	Characterization of New DNA Aptamers for Anti-HIV-1 Reverse Transcriptase. <i>ChemBioChem</i> , 2021, 22, 915-923.	2.6	3

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19	An <i>in vitro</i> study of lipase inhibitory peptides obtained from de-oiled rice bran. <i>RSC Advances</i> , 2021, 11, 18915-18929.	3.6	15
20	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.	1.5	22
21	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
22	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
23	Identification of Vinyl Sulfone Derivatives as EGFR Tyrosine Kinase Inhibitor: In Vitro and In Silico Studies. <i>Molecules</i> , 2021, 26, 2211.	3.8	23
24	In silico structural elucidation of the rabies RNA-dependent RNA polymerase (RdRp) toward the identification of potential rabies virus inhibitors. <i>Journal of Molecular Modeling</i> , 2021, 27, 183.	1.8	1
25	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
26	The anti-oxidative effect of Lingzhi protein hydrolysates on lipopolysaccharide-stimulated A549 cells. <i>Food Bioscience</i> , 2021, 41, 101093.	4.4	14
27	Development of loop-mediated isothermal amplification (LAMP) assay using SYBR safe and gold-nanoparticle probe for detection of Leishmania in HIV patients. <i>Scientific Reports</i> , 2021, 11, 12152.	3.3	16
28	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
29	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
30	Development of an easy-to-use urease kit for detecting Helicobacter pylori in canine gastric mucosa. <i>Veterinary World</i> , 2021, 14, 1977-1987.	1.7	2
31	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
32	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
33	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
34	Study of the Lipolysis Effect of Nanoliposome-Encapsulated Ganoderma lucidum Protein Hydrolysates on Adipocyte Cells Using Proteomics Approach. <i>Foods</i> , 2021, 10, 2157.	4.3	10
35	Efficacy of cyclic lipopeptides obtained from Bacillus subtilis to inhibit the growth of Microsporum canis isolated from cats. <i>Heliyon</i> , 2021, 7, e07980.	3.2	8
36	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.	5.1	5

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37	Î²-eudesmol but not atractylodin exerts an inhibitory effect on CFTR-mediated chloride transport in human intestinal epithelial cells. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112030.	5.6	1
38	Discovery of novel JAK2 and EGFR inhibitors from a series of thiazole-based chalcone derivatives. <i>RSC Medicinal Chemistry</i> , 2021, 12, 430-438.	3.9	22
39	Liposomal Thioestrepton Formulation and Its Effect on Breast Cancer Growth Inhibition. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2508-2516.	3.3	6
40	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
41	Identification of management of malodour from odour-producing bacteria in natural rubber. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2021, 24, 563-574.	1.1	0
42	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
43	Structural Distinctive 26SK, a Ribosome-Inactivating Protein from <i>Jatropha curcas</i> and Its Biological Activities. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3877-3897.	2.9	0
44	Novel GH-20 Î²-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
45	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
46	Insights into the Binding Recognition and Susceptibility of Tofacitinib toward Janus Kinases. <i>ACS Omega</i> , 2020, 5, 369-377.	3.5	43
47	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
48	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
49	Sensing the classical swine fever virus with molecularly imprinted polymer on quartz crystal microbalance. <i>Heliyon</i> , 2020, 6, e04137.	3.2	22
50	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
51	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
52	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
53	Two novel ACE inhibitory peptides isolated from longan seeds: purification, inhibitory kinetics and mechanisms. <i>RSC Advances</i> , 2020, 10, 12711-12720.	3.6	29
54	Evaluation of tyrosinase inhibitory activity and mechanism of Leucrocinn I and its modified peptides. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 239-246.	2.2	16

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55	Anti-feline immunodeficiency virus reverse transcriptase properties of some medicinal and edible mushrooms. <i>Veterinary World</i> , 2020, 13, 1798-1806.	1.7	8
56	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
57	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
58	Studies of Anti-EGFR Tyrosine Kinase Activity of Thai nutraceutical Plants. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 199-206.	0.5	1
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	PeptideDB: A web application for new bioactive peptides from food protein. <i>Heliyon</i> , 2019, 5, e02076.	3.2	49
61	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
62	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
63	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.	2.6	26
64	Biological Evaluation and Molecular Dynamics Simulation of Chalcone Derivatives as Epidermal Growth Factor-Tyrosine Kinase Inhibitors. <i>Molecules</i> , 2019, 24, 1092.	3.8	22
65	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
66	Identification of bacteria caused bad odors in the rubber plants. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 526, 012044.	0.6	1
67	Molecular docking study of lamellarin analogues and identification of potential inhibitors of HIV-1 integrase strand transfer complex by virtual screening. <i>Heliyon</i> , 2019, 5, e02811.	3.2	16
68	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
69	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.	3.6	22
70	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
71	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
72	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

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73	Synthesis, Plasmodium falciparum Inhibitory Activity, Cytotoxicity and Solubility of N2 ,N4 -Disubstituted Quinazoline-2,4-diamines.. Medicinal Chemistry, 2019, 15, 693-704.	1.5	2
74	Evaluation of a Commercial Enzyme-Linked Immunosorbent Assay Kit and In-House Fasciola gigantica Cysteine Proteinases-Based Enzyme-Linked Immunosorbent Assays for Diagnosis of Human Fascioliasis. American Journal of Tropical Medicine and Hygiene, 2019, 100, 591-598.	1.4	4
75	Molecular dynamics simulations of asymmetric heterodimers of HER1/HER2 complexes. Journal of Molecular Modeling, 2018, 24, 30.	1.8	1
76	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. Food Chemistry, 2018, 251, 77-85.	8.2	39
77	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
78	Aptamer-Based QCM-Sensor for Rapid Detection of PRRS Virus. Proceedings (mdpi), 2018, 2, 1038.	0.2	1
79	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
80	Enhancement and Analysis of Human Antiaflatoxin B1 (AFB1) scFv Antibodyâ€™Ligand Interaction Using Chain Shuffling. Journal of Agricultural and Food Chemistry, 2018, 66, 5713-5722.	5.2	20
81	A novel ACE inhibitory peptide derived from alkaline hydrolysis of ostrich (Struthio camelus) egg white ovalbumin. Process Biochemistry, 2018, 73, 235-245.	3.7	30
82	Homodimers of Vanillin and Apocynin Decrease the Metastatic Potential of Human Cancer Cells by Inhibiting the FAK/PI3K/Akt Signaling Pathway. Journal of Agricultural and Food Chemistry, 2017, 65, 2299-2306.	5.2	38
83	Anti-inflammatory properties of the stem bark from the herbal drug Vitex peduncularis Wall. ex Schauer and characterization of its polyphenolic profile. Food and Chemical Toxicology, 2017, 106, 8-16.	3.6	16
84	Use of Capillary Electrophoresis to Study the Binding Interaction of Aptamers with Wild-Type, K103N, and Double Mutant (K103N/Y181C) HIV-1 RT. Applied Biochemistry and Biotechnology, 2017, 182, 546-558.	2.9	4
85	Design, synthesis, and evaluation of the anticancer activity of 2-â€™amino-â€™aryl-â€™benzoxazole compounds. Chemical Biology and Drug Design, 2017, 90, 987-994.	3.2	12
86	Synthesis and evaluation of the NSCLC anti-cancer activity and physical properties of 4-aryl- N -phenylpyrimidin-2-amines. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4749-4754.	2.2	9
87	Acquisition of naturally acquired antibody response to Plasmodium falciparum erythrocyte membrane protein 1-DBLâ€™ and differential regulation of IgG subclasses in severe and uncomplicated malaria. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 1055-1061.	1.2	1
88	De novo transcriptome assembly and identification of the gene conferring a â€™pandan-likeâ€™ aroma in coconut (Cocos nucifera L.). Plant Science, 2016, 252, 324-334.	3.6	42
89	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
90	Application of Site-â€™ Specific Spin Labeling for NMR Detecting Inhibitor-â€™ Induced Conformational Change of HIV-â€™ Reverse Transcriptase. ChemMedChem, 2016, 11, 363-366.	3.2	15

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91	Molecular cloning and characterization of Siamese crocodile (<i>Crocodylus siamensis</i>) copper, zinc superoxide dismutase (CSI- Cu,Zn-SOD) gene. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 191, 187-195.	1.8	17
92	ICP35 Is a TREX-Like Protein Identified in White Spot Syndrome Virus. <i>PLoS ONE</i> , 2016, 11, e0158301.	2.5	1
93	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
94	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.	3.1	29
95	Understanding the molecular basis of EGFR kinase domain/MIG-6 peptide recognition complex using computational analyses. <i>BMC Bioinformatics</i> , 2015, 16, 103.	2.6	18
96	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
97	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
98	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.	14.5	22
99	A Peptide Inhibitor Derived from the Conserved Ectodomain Region of <i>DENV</i> Membrane (M) Protein with Activity Against Dengue Virus Infection. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1093-1104.	3.2	32
100	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
101	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
102	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
103	Peptide Inhibitors Against Dengue Virus Infection. <i>Chemical Biology and Drug Design</i> , 2014, 84, 148-157.	3.2	35
104	Insight into HIV-1 reverse transcriptase aptamer interaction from molecular dynamics simulations. <i>Journal of Molecular Modeling</i> , 2014, 20, 2380.	1.8	12
105	Computational analyses of curcuminoid analogs against kinase domain of HER2. <i>BMC Bioinformatics</i> , 2014, 15, 261.	2.6	23
106	Characterization and expression analysis of the transferrin gene in Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T <i>Biochemistry</i> , 2014, 40, 1473-1485.	2.3	12
107	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
108	Antimicrobial peptides of <i>Lactobacillus salivarius</i> K4 isolated from chicken intestine. <i>ScienceAsia</i> , 2014, 40, 135.	0.5	0

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109	Screening for lead compounds and herbal extracts with potential anti-influenza viral activity. Southeast Asian Journal of Tropical Medicine and Public Health, 2014, 45, 62-74.	1.0	9
110	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
111	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
112	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
113	Bioactivities of <i>ScRIP</i> , a Type 1 Ribosome Inactivating Protein from <i>Atropa curcas</i> Seed Coat. Chemical Biology and Drug Design, 2013, 82, 453-462.	3.2	8
114	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
115	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
116	Human ScFv that block sodium ion channel activity of tetrodotoxin. Toxicon, 2012, 59, 272-282.	1.6	10
117	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
118	Cell Penetrable Humanized-VH/VHH That Inhibit RNA Dependent RNA Polymerase (NS5B) of HCV. PLoS ONE, 2012, 7, e49254.	2.5	52
119	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
120	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
121	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
122	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 rg 00.7 Overlock 10 Tf 50		
123	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. Journal of Theoretical Biology, 2011, 270, 88-97.	1.7	5
124	Receptor-Based Virtual Screening of EGFR Kinase Inhibitors from the NCI Diversity Database. Molecules, 2010, 15, 4041-4054.	3.8	40
125	A VHH That Neutralizes the Zinc Metalloproteinase Activity of Botulinum Neurotoxin Type A. Journal of Biological Chemistry, 2010, 285, 9657-9666.	3.4	55
126	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

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127	Computational analysis of binding between malarial dihydrofolate reductases and anti-folates. <i>Malaria Journal</i> , 2010, 9, 65.	2.3	12
128	Dipyridodiazepinone derivatives; synthesis and anti HIV-1 activity. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 36.	2.2	3
129	Specificity Determinants of a Novel Nck Interaction with the Juxtamembrane Domain of the Epidermal Growth Factor Receptor,. <i>Biochemistry</i> , 2008, 47, 3096-3108.	2.5	24
130	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
131	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
132	Characterization of the Carboxylate Delivery Module of Transcarboxylase:Â Following Spontaneous Decarboxylation of the 1.3S-CO2-Subunit by NMR and FTIR Spectroscopiesâ€. <i>Biochemistry</i> , 2002, 41, 2191-2197.	2.5	2
133	Characterization of human semen Î±-L-fucosidases. <i>Molecular Human Reproduction</i> , 1999, 5, 809-815.	2.8	30
134	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
135	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
136	Mass spectrometry and synchrotronâ€FTIR microspectroscopy reveal the antiâ€inflammatory activity of Bua Bok extracts. <i>Phytochemical Analysis</i> , 0, , .	2.4	3