

Arli Aditya Parikesit

List of Publications by Year in descending order

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91
papers

443
citations

840776

11
h-index

888059

17
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92
all docs

92
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92
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunoinformatics Approach in Designing Epitope-based Vaccine against Meningitis-inducing Bacteria (<i>Streptococcus pneumoniae</i> , <i>Neisseria meningitidis</i> , and <i>Haemophilus influenzae</i> Type b). <i>Drug Target Insights</i> , 2016, 10, DTI.S38458.	1.4	32
2	Severe Acute Respiratory Syndrome Coronavirus-2 Emergence and Its Treatment with Alternative Medicines: A Review. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 5551-5557.	0.8	27
3	Modification of S-Adenosyl-L-Homocysteine as Inhibitor of Nonstructural Protein 5 Methyltransferase Dengue Virus Through Molecular Docking and Molecular Dynamics Simulation. <i>Drug Target Insights</i> , 2017, 11, 117739281770172.	1.4	25
4	Screening of Commercial Cyclic Peptides as Inhibitor Envelope Protein Dengue Virus (DENV) Through Molecular Docking and Molecular Dynamics. <i>Pakistan Journal of Biological Sciences</i> , 2013, 16, 1836-1848.	0.5	21
5	Screening of commercial cyclic peptide as inhibitor NS5 methyltransferase of Dengue virus through Molecular Docking and Molecular Dynamics Simulation. <i>Bioinformation</i> , 2014, 10, 23-27.	0.5	21
6	Genetic Variant of SARS-CoV-2 Isolates in Indonesia: Spike Glycoprotein Gene. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 971-978.	0.9	19
7	Screening of commercial cyclic peptide conjugated to HIV-1 Tat peptide as inhibitor of N-terminal heptad repeat glycoprotein-2 ectodomain Ebola virus through in silico analysis. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 74, 366-378.	2.4	18
8	Bioactive Compounds from Mangosteen (<i>Garcinia mangostana</i> L.) as an Antiviral Agent via Dual Inhibitor Mechanism against SARSCoV- 2: An In Silico Approach. <i>Pharmacognosy Journal</i> , 2022, 14, 85-90.	0.8	18
9	Screening Analogs of \hat{I}^2 -OG Pocket Binder as Fusion Inhibitor of Dengue Virus 2. <i>Drug Target Insights</i> , 2015, 9, DTI.S31566.	1.4	17
10	Vaccine Design for H5N1 Based on B- and T-cell Epitope Predictions. <i>Bioinformatics and Biology Insights</i> , 2016, 10, BBI.S38378.	2.0	14
11	Molecular dynamics simulation of complex Histones Deacetylase (HDAC) Class II Homo Sapiens with suberoylanilide hydroxamic acid (SAHA) and its derivatives as inhibitors of cervical cancer. <i>Bioinformation</i> , 2013, 9, 696-700.	0.5	12
12	Effect of Biosynthesized Silver Nanoparticles on Bacterial Biofilm Changes in <i>S. aureus</i> and <i>E. coli</i> . <i>Nanomaterials</i> , 2022, 12, 2183.	4.1	11
13	Computational design of drug candidates for influenza A virus subtype H1N1 by inhibiting the viral neuraminidase-1 enzyme. <i>Acta Pharmaceutica</i> , 2014, 64, 157-172.	2.0	10
14	In silico identification of 2-oxo-1,3-thiazolidine derivatives as novel inhibitor candidate of class II histone deacetylase (HDAC) in cervical cancer treatment. <i>Arabian Journal of Chemistry</i> , 2019, 12, 272-288.	4.9	10
15	The whole-genome sequencing in predicting <i>Mycobacterium tuberculosis</i> drug susceptibility and resistance in Papua, Indonesia. <i>BMC Genomics</i> , 2021, 22, 844.	2.8	10
16	Evolution and Quantitative Comparison of Genome-Wide Protein Domain Distributions. <i>Genes</i> , 2011, 2, 912-924.	2.4	9
17	Utilization of Boron Compounds for the Modification of Suberoyl Anilide Hydroxamic Acid as Inhibitor of Histone Deacetylase Class II Homo sapiens. <i>Advances in Bioinformatics</i> , 2014, 2014, 1-10.	5.7	9
18	lncRNA-based study of epigenetic regulations in diabetic peripheral neuropathy. <i>In Silico Pharmacology</i> , 2018, 6, 7.	3.3	9

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19	DESIGN OF <i>CANDIDA ANTARCTICA</i> LIPASE B THERMOSTABILITY IMPROVEMENT BY INTRODUCING EXTRA DISULFIDE BOND INTO THE ENZYME. OnLine Journal of Biological Sciences, 2014, 14, 108-118.	0.4	7
20	Virtual screening of Indonesian flavonoid as neuraminidase inhibitor of influenza a subtype H5N1. IOP Conference Series: Materials Science and Engineering, 2016, 107, 012053.	0.6	7
21	In Silico Analysis of Envelope Dengue Virus-2 and Envelope Dengue Virus-3 Protein as the Backbone of Dengue Virus Tetravalent Vaccine by Using Homology Modeling Method. OnLine Journal of Biological Sciences, 2009, 9, 6-16.	0.4	6
22	In silico Design of Drugs and Vaccines for Dengue Disease. Trends in Bioinformatics, 2011, 4, 1-9.	0.3	6
23	In silico design of cyclic peptides as influenza virus, a subtype H1N1 neuraminidase inhibitor. African Journal of Biotechnology, 2012, 11, .	0.6	6
24	In silico modification of oseltamivir as neuraminidase inhibitor of influenza A virus subtype H1N1. Journal of Biomedical Research, 2015, 29, 150-9.	1.6	6
25	Introductory Chapter: The Contribution of Bioinformatics as Blueprint Lead for Drug Design. , 0, , .		5
26	Potential Vaccine Targets for COVID-19 and Phylogenetic Analysis Based on the Nucleocapsid Phosphoprotein of Indonesian SARS-CoV-2 Isolates. Indonesian Journal of Pharmacy, 0, , 328-337.	0.3	5
27	In silico Modification of (1R, 2R, 3R, 5S)-(-)- Isopinocampheylamine as Inhibitors of M2 Proton Channel in Influenza A Virus Subtype H1N1, using the Molecular Docking Approach. Trends in Bioinformatics, 2012, 5, 25-46.	0.3	5
28	Molecular Dynamics Simulation of DENV RNA-Dependent RNA-Polymerase with Potential Inhibitor of Disulfide Cyclic Peptide. OnLine Journal of Biological Sciences, 2011, 11, 48-62.	0.4	4
29	Designing cyclopentapeptide inhibitor of neuraminidase H5N1 virus through molecular and pharmacology simulations. Tsinghua Science and Technology, 2015, 20, 431-440.	6.1	4
30	Assessment of Drug Binding Potential of Pockets in the NS2B/NS3 Dengue Virus Protein. IOP Conference Series: Materials Science and Engineering, 2018, 349, 012021.	0.6	4
31	IN SILICO STUDY OF MIRNA-REGULATED IQ MOTIF-CONTAINING GTPASE-ACTIVATING PROTEIN FAMILY IN LIVER CANCER. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 98.	0.3	4
32	Short Communication: Immunostimulatory effect of tempoyak (fermented durian) on inducing cytokine production (IL-6 and TNF- α) by RAW 264.7 cells. Biodiversitas, 2018, 19, 318-322.	0.6	4
33	THE PREDICTED STRUCTURE FOR THE ANTI-SENSE SIRNA OF THE RNA POLYMERASE ENZYME (RDRP) GENE OF THE SARS-COV-2. Berita Biologi, 2020, 19, 97-108.	0.1	4
34	THE COMPUTATION OF CYCLIC PEPTIDE WITH PROLIN-PROLIN BOND AS FUSION INHIBITOR OF DENV ENVELOPE PROTEIN THROUGH MOLECULAR DOCKING AND MOLECULAR DYNAMICS SIMULATION. KnE Life Sciences, 2015, 2, 416.	0.1	4
35	Modification of Kampmann A5 as Potential Fusion Inhibitor of Dengue Virus using Molecular Docking and Molecular Dynamics Approach. Journal of Medical Sciences (Faisalabad, Pakistan), 2013, 13, 621-634.	0.0	4
36	In Silico Molecular Interaction Studies of Suberoylanilide Hydroxamic Acid and Its Modified Compounds with Histones Deacetylase Class II <i>Homo sapiens</i> as Curative Measure towards Cervical Cancer. Engineering, 2013, 05, 203-206.	0.8	4

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37	Biological activity of kencur (<i>Kaempferia galanga</i> L.) against SARS-CoV-2 main protease. <i>International Journal of Health Sciences</i> , 2022, 6, 468-480.	0.1	4
38	HPV Bioinformatics: In Silico Detection, Drug Design and Prevention Agent Development. , 2012, , .		3
39	IN SILICO DESIGN OF THE M2 PROTON CHANNEL INHIBITORS OF H1N1 VIRUS. <i>OnLine Journal of Biological Sciences</i> , 2013, 13, 1-12.	0.4	3
40	The usage of deep learning algorithm in medical diagnostic of breast cancer. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2019, 15, 274-281.	0.8	3
41	Cracking the genetic code of human virus by using open source bioinformatics tools. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2014, 6, .	0.8	3
42	Molecular simulation of MDM2 and E6AP proteins as P53 regulator in cervical cancer. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 5875-5879.	1.0	3
43	Exposing the Molecular Screening Method of Indonesian Natural Products Derivate as Drug Candidates for Cervical Cancer. <i>Iranian Journal of Pharmaceutical Research</i> , 2017, 16, 1113-1127.	0.5	3
44	An Overview of the Curcumin-Based and Allicin Bioactive Compounds as potential treatment to SARS-CoV-2 with structural bioinformatics tools. <i>Jurnal Teknologi Laboratorium</i> , 2021, 10, 59-67.	0.3	3
45	Bionanomedicine: A "Panacea" In Medicine?. <i>Makara Journal of Health Research</i> , 2017, 21, .	0.1	2
46	The Construction of Two and Three Dimensional Molecular Models for the miR-31 and Its Silencer as the Triple Negative Breast Cancer Biomarkers. <i>OnLine Journal of Biological Sciences</i> , 2018, 18, 424-431.	0.4	2
47	Virtual Screening of the Flavonoids Compounds with the SARS-CoV-2 3C-like Protease as the Lead Compounds for the COVID-19. <i>Coronaviruses</i> , 2021, 2, 1-9.	0.3	2
48	Molecular Docking Analysis of the T450A Mutation of the Gene <i>rpoB</i> <i>Mycobacterium leprae</i> from Leprosy Patients in Papua, West Papua and North Maluku, Indonesia. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 3578-3584.	0.8	2
49	Determination of secondary and tertiary structures of cervical cancer lncRNA diagnostic and siRNA therapeutic biomarkers. <i>Indonesian Journal of Biotechnology</i> , 2018, 23, 1.	0.4	2
50	Pemanfaatan bioinformatika dalam bidang pertanian dan kesehatan (The utilization of bioinformatics) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tr</i>	0.1	2
51	Application of Artificial Intelligence-Based Computation in the Health Sciences to Ward off the COVID-19 Pandemic. <i>International Journal of Human and Health Sciences (IJHHS)</i> , 2020, 5, 177.	0.1	2
52	lncRNAs in CONDBITs Perspectives, From Genetics towards Theranostics. <i>Jurnal Sains Kesehatan Malaysia</i> , 2019, 17, 1-16.	0.1	2
53	The Challenge of Protein Domain Annotation with Supervised Learning Approach: A Systematic Review. <i>Jurnal Matematika Dan Sains</i> , 2019, 24, 1-9.	0.1	2
54	Design and Evaluation of Three Pair Primers for Exon 1 Amplification of Hyaluroglucosaminidase-1 Gene. <i>OnLine Journal of Biological Sciences</i> , 2010, 10, 66-72.	0.4	1

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55	DESIGNING DISULFIDE CYCLIC PEPTIDE AS FUSION INHIBITOR THAT TARGETS DENV ENVELOPE PROTEIN. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
56	In silico modification of Zn ²⁺ binding group of suberoylanilide hydroxamic acid (SAHA) by organoselenium compounds as Homo sapiens class II HDAC inhibitor of cervical cancer. IOP Conference Series: Materials Science and Engineering, 2016, 107, 012054.	0.6	1
57	Identification of microRNAs targeting NAT1 and NAT2 gene transcripts in prostate cancer patients observed in different races. IOP Conference Series: Materials Science and Engineering, 2019, 546, 062017.	0.6	1
58	Correlation and Meta-Analysis of HER2 in Each Stage of Breast Cancer. IOP Conference Series: Materials Science and Engineering, 2019, 546, 062024.	0.6	1
59	IQGAP and HspB8: potent biomarkers in low grade gliomas. Journal of Physics: Conference Series, 2019, 1192, 012056.	0.4	1
60	Introductory Chapter: The Emerging Corner of the Omics Studies for Rational Drug Design. , 0, , .		1
61	In silico computation of coagulation factor II: a potential water treatment agent against gram negative bacteria. Notulae Scientia Biologicae, 2021, 13, 11021.	0.4	1
62	Bioinformatics Approach towards Transcriptomics of Filaggrin. Journal of Agromedicine and Medical Sciences, 2016, 2, 8.	0.1	1
63	3D And 2D RNA Structure Prediction Of The BRCA2 Gene And Its Silencing RNA In The Breast Cancer. Walisongo Journal of Chemistry, 2020, 3, 10.	0.1	1
64	Computational modeling of AGO-mediated molecular inhibition of ARF6 by miR-145. Indonesian Journal of Biotechnology, 2020, 25, 102.	0.4	1
65	PREDIKSI STRUKTUR 2-DIMENSI NON-CODING RNA DARI BIOMARKER KANKER PAYUDARA TRIPLE-NEGATIVE DENGAN VIENNA RNA PACKAGE. Chimica Et Natura Acta, 2016, 4, 27.	0.1	1
66	In Silico Analysis of Ethanol Binding Activity in Neuronal Nicotinic Acetylcholine Receptors. Malaysian Journal of Applied Sciences, 2020, 5, 54-61.	0.2	1
67	Use of the "DNAChecker" Algorithm for Improving Bioinformatics Research. Makara Journal of Technology, 2019, 23, 72.	0.3	1
68	VIRTUAL SCREENING OF COMMERCIAL CYCLIC PEPTIDES AS Î² -OG POCKET BINDER INHIBITOR IN DENGUE VIRUS SEROTYPE 2. International Journal of GEOMATE, 2017, 13, .	0.3	1
69	Mathematical Problem Solving: One Way to Prevent Dementia. Frontiers in Health Informatics, 2019, 8, 10.	0.5	1
70	constant current chronopotentiometry Study of dna for the Detection of African Swine Fever Virus. , 2021, , .		1
71	In-silico Studies Reveal Potential Epitope based Vaccine against M.leprae Phosphoglycerate Mutase Protein. Malaysian Journal of Fundamental and Applied Sciences, 2022, 18, 19-29.	0.8	1
72	Generating Two-Dimensional Repertoire of siRNA Linc-ROR and siRNA mRNA ARF6 from the lincRNA-RoR/miR-145/ARF6 expression Pathway that involved in the progression of Triple Negative Breast Cancer. IOP Conference Series: Materials Science and Engineering, 2018, 299, 012059.	0.6	0

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73	Correlation analysis to identify DNA methylation and miRNA regulation toward IQGAP genes family. Journal of Physics: Conference Series, 2019, 1196, 012068.	0.4	0
74	Identification of MicroRNAs Targeting mTOR Gene Transcripts in Skin, Lung, Kidney, Uterus and Breast Cancer. IOP Conference Series: Materials Science and Engineering, 2019, 546, 062035.	0.6	0
75	Mining Potential MicroRNA Biomarkers related to IQGAPs of Thyroid Carcinoma through <i>in silico</i> process. Journal of Physics: Conference Series, 2019, 1192, 012070.	0.4	0
76	Identification of Epigenetic Regulation on The Expression of The Aberrant Gene of Kidney Renal Clear Cell Carcinoma Patients Observed in a Specific Race. IOP Conference Series: Materials Science and Engineering, 2019, 546, 062001.	0.6	0
77	Mutation of Gyra Gene Found In Mycobacterium Leprae From Leprosy Patient In West Papua and Papua, Indonesia. Indonesian Journal of Pharmacy, 0, , .	0.3	0
78	WATER INTAKE APPLLET BASED ON HUMAN EXCREMENT. Jurnal Riset Informatika, 2021, 3, 109-118.	0.1	0
79	e-BINTECH 5.0: Desa Siaga COVID-19 Berbasis Edubioneuroitechnopreneurship Menuju Indonesia 5.0. Jurdimas, 2021, 4, 247-256.	0.1	0
80	Detection of Protein Domains in Eukaryotic Genome Sequences. Lecture Notes in Computer Science, 2010, , 71-74.	1.3	0
81	STUDI IN SILICO MODIFIKASI POS TRANSLASI DISAIN VAKSIN CHIMERIC BERBASIS VIRUS LIKE PARTICLES HUMAN PAPILLOMAVIRUS DENGAN KAPSID VIRION L1. Makara Seri Sains, 2010, 11, .	0.0	0
82	COMPUTATIONAL PROTEIN DESIGN IN GREEN CHEMISTRY. Rasayan Journal of Chemistry, 2018, 11, 1133-1138.	0.4	0
83	Big Data Computation of Drug Design: From the Natural Products to the Transcriptomic-Based Molecular Development. , 2019, , 59-86.		0
84	Chemistry Teachersâ€™ Awareness, Understanding, and Confidence toward Computational Tools for Molecular Visualization. Jurnal Pendidikan IPA Indonesia, 2019, 8, .	1.3	0
85	Protein Annotation of Breast-cancer-related Proteins with Machine-learning Tools. Makara Journal of Science, 0, , .	0.3	0
86	Protein Domain Annotations of the SARS-CoV-2 Proteomics as a Blue-Print for Mapping the Features for Drug and Vaccine Designs. Jurnal Matematika Dan Sains, 2020, 25, 26-32.	0.1	0
87	Artificial Intelligence in Colonoscopy: Improving Medical Diagnostic of Colorectal Cancer. Frontiers in Health Informatics, 2020, 9, 27.	0.5	0
88	Comprehensive Molecular Simulation of Triple-negative Breast Cancer Transcriptomics Features of miR-145 and the 3' UTR of ARF6 mRNA. International Journal Bioautomation, 2020, 24, 245-254.	0.3	0
89	Conserved B-cell epitope identification of envelope glycoprotein (GP120) HIV-1 to develop multi-strain vaccine candidate through bioinformatics approach. Jurnal Teknologi Laboratorium, 2021, 10, 06-13.	0.3	0
90	The Structural Annotations of The Mir-122 Non-Coding RNA from The Tilapia Fish (Oreochromis Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.4	0

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91	Prediction Methods of the Protein Subcellular Localization: A Systematic Reviews. , 2019, 1, 37-41.		0