

usman ali Ashfaq

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

3,429
citations

159358

30
h-index

205818

48
g-index

158
all docs

158
docs citations

158
times ranked

4022
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Berberis lyceum</i> and <i>Fumaria indica</i> : <i>in vitro</i> cytotoxicity, antioxidant activity, and <i>in silico</i> screening of their selected phytochemicals as novel hepatitis C virus nonstructural protein 5A inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7829-7851.	2.0	5
2	The Screening of Phytochemicals Against NS5 Polymerase to Treat Zika Virus Infection: Integrated Computational Based Approach. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 738-751.	0.6	22
3	Molecular Docking and Pharmacoinformatics Studies Reveal Potential Phytochemicals Against HCV NS5B Polymerase. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, 335-346.	0.6	2
4	Exploring the therapeutic potential of benzothiazine-pyrazole hybrid molecules against alpha-glucosidase: Pharmacological and molecular modelling based approach. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1416-1421.	1.8	9
5	Designing of a multi-epitopes-based peptide vaccine against rift valley fever virus and its validation through integrated computational approaches. <i>Computers in Biology and Medicine</i> , 2022, 141, 105151.	3.9	16
6	Identification of Cyclic Sulfonamides with an N-Arylacetamide Group as α -Glucosidase and α -Amylase Inhibitors: Biological Evaluation and Molecular Modeling. <i>Pharmaceuticals</i> , 2022, 15, 106.	1.7	11
7	Implementation of System Pharmacology and Molecular Docking Approaches to Explore Active Compounds and Mechanism of <i>Ocimum Sanctum</i> against Tuberculosis. <i>Processes</i> , 2022, 10, 298.	1.3	6
8	Regulation of micro-RNA, epigenetic factor by natural products for the treatment of cancers: Mechanistic insight and translational association. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103255.	1.8	8
9	The Insight of <i>In Silico</i> and <i>In Vitro</i> evaluation of <i>Beta vulgaris</i> phytochemicals against Alzheimer's disease targeting acetylcholinesterase. <i>PLoS ONE</i> , 2022, 17, e0264074.	1.1	10
10	Integrating Network Pharmacology and Molecular Docking Approaches to Decipher the Multi-Target Pharmacological Mechanism of <i>Abrus precatorius</i> L. Acting on Diabetes. <i>Pharmaceuticals</i> , 2022, 15, 414.	1.7	32
11	Exploring of novel 4-hydroxy-2H-benzo[e][1,2]thiazine-3-carbohydrazide 1,1-dioxide derivative as a dual inhibitor of α -glucosidase and α -amylase: Molecular docking, biochemical, enzyme kinetic and <i>in-vivo</i> mouse model study. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 507-521.	3.6	11
12	Proteome based mapping and reverse vaccinology techniques to contrive multi-epitope based subunit vaccine (MEBSV) against <i>Streptococcus pyogenes</i> . <i>Infection, Genetics and Evolution</i> , 2022, 100, 105259.	1.0	7
13	<i>In-silico</i> elucidation reveals potential phytochemicals against angiotensin-converting enzyme 2 (ACE-2) receptor to fight coronavirus disease 2019 (COVID-19). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 473-482.	0.6	1
14	Comprehensive computational analysis reveals H5N1 influenza virus-encoded miRNAs and host-specific targets associated with antiviral immune responses and protein binding. <i>PLoS ONE</i> , 2022, 17, e0263901.	1.1	7
15	Network Pharmacology Approach for Medicinal Plants: Review and Assessment. <i>Pharmaceuticals</i> , 2022, 15, 572.	1.7	99
16	Structural Elucidation of Rift Valley Fever Virus L Protein towards the Discovery of Its Potential Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 659.	1.7	13
17	An overview of chikungunya virus's molecular biology, epidemiology, pathogenesis, treatment and prevention strategies. <i>Future Virology</i> , 2022, 17, 593-606.	0.9	2
18	Computer-Aided Multi-Epitope Vaccine Design against <i>Enterobacter xiangfangensis</i> . <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7723.	1.2	14

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19	Pathogenesis of Diabetic Cardiomyopathy and Role of miRNA. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2021, 31, 79-92.	0.4	9
20	Recent Updates on the Role of Nanoparticles in the Treatment of Viral Diseases. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2021, 38, 75-102.	1.2	4
21	Role of Heavy Metals in Diabetes: Mechanisms and Treatment Strategies. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2021, 31, 65-80.	0.4	11
22	Phytochemical Analysis and Antidiabetic Potential of <i>Armoracia rusticana</i> : Pharmacological and Computational Approach. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 465-471.	0.6	4
23	Rational design of multi epitope-based subunit vaccine by exploring MERS-COV proteome: Reverse vaccinology and molecular docking approach. <i>PLoS ONE</i> , 2021, 16, e0245072.	1.1	24
24	Stem cells based in vitro models: trends and prospects in biomaterials cytotoxicity studies. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042003.	1.7	19
25	Dysregulation of circulating miRNAs promotes the pathogenesis of diabetes-induced cardiomyopathy. <i>PLoS ONE</i> , 2021, 16, e0250773.	1.1	12
26	Synthesis and α -Glucosidase Inhibition Activity of 2-[3-(Benzoyl/4-bromobenzoyl)-4-hydroxy-1,1-dioxido-2H-benzo[e][1,2]thiazin-2-yl]-N-arylamides: An In Silico and Biochemical Approach. <i>Molecules</i> , 2021, 26, 3043.	1.7	15
27	Designing multi-epitope vaccine against <i>Staphylococcus aureus</i> by employing subtractive proteomics, reverse vaccinology and immuno-informatics approaches. <i>Computers in Biology and Medicine</i> , 2021, 132, 104389.	3.9	73
28	Integrated Core Proteomics, Subtractive Proteomics, and Immunoinformatics Investigation to Unveil a Potential Multi-Epitope Vaccine against Schistosomiasis. <i>Vaccines</i> , 2021, 9, 658.	2.1	30
29	Development of a Novel Multi-Epitope Vaccine Against Crimean-Congo Hemorrhagic Fever Virus: An Integrated Reverse Vaccinology, Vaccine Informatics and Biophysics Approach. <i>Frontiers in Immunology</i> , 2021, 12, 669812.	2.2	34
30	Rational design of multimeric based subunit vaccine against <i>Mycoplasma pneumoniae</i> : Subtractive proteomics with immunoinformatics framework. <i>Infection, Genetics and Evolution</i> , 2021, 91, 104795.	1.0	14
31	Discovery of Amide-Functionalized Benzimidazolium Salts as Potent α -Glucosidase Inhibitors. <i>Molecules</i> , 2021, 26, 4760.	1.7	6
32	Discovery of Novel HCV NS5B polymerase inhibitor, 2-(3,4-dimethyl-5-dioxidobenzo[e][1,2]thiazin-2-yl)acetyl-N ₄ (2-ethyl-4-oxo-1,2,3,4-tetrahydroquinoline-6-yl)acetamide, via molecular docking and experimental approach. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1653-1661.	0.9	4
33	Proteome-Wide Mapping and Reverse Vaccinology Approaches to Design a Multi-Epitope Vaccine against <i>Clostridium perfringens</i> . <i>Vaccines</i> , 2021, 9, 1079.	2.1	13
34	Comprehensive computational analysis reveals human respiratory syncytial virus encoded microRNA and host specific target genes associated with antiviral immune responses and protein binding. <i>Journal of King Saud University - Science</i> , 2021, 33, 101562.	1.6	9
35	Identifying key genes and screening therapeutic agents associated with diabetes mellitus and HCV-related hepatocellular carcinoma by bioinformatics analysis. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5518-5525.	1.8	17
36	Proteome based mapping and molecular docking revealed DnaA as a potential drug target against <i>Shigella sonnei</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 29, 1147-1159.	1.8	3

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37	Synthesis and Therapeutic Potential of Nanoceria against Cancer: An Update. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2021, 38, 1-26.	1.2	2
38	Designing a Multi-Epitope Vaccine against <i>Chlamydia trachomatis</i> by Employing Integrated Core Proteomics, Immuno-Informatics and In Silico Approaches. <i>Biology</i> , 2021, 10, 997.	1.3	30
39	Implementation of Vaccinomics and In-Silico Approaches to Construct Multimeric Based Vaccine Against Ovarian Cancer. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2845-2859.	0.9	5
40	Disease-associated variants of Gap Junction Beta 2 protein (GJB2) in the deaf population of Southern Punjab of Pakistan. <i>PLoS ONE</i> , 2021, 16, e0259083.	1.1	1
41	Rational design of chimeric Multiepitope Based Vaccine (MEBV) against human T-cell lymphotropic virus type 1: An integrated vaccine informatics and molecular docking based approach. <i>PLoS ONE</i> , 2021, 16, e0258443.	1.1	8
42	In Silico Core Proteomics and Molecular Docking Approaches for the Identification of Novel Inhibitors against <i>Streptococcus pyogenes</i> . <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11355.	1.2	6
43	Development of a Candidate Multi-Epitope Subunit Vaccine against <i>Klebsiella aerogenes</i> : Subtractive Proteomics and Immuno-Informatics Approach. <i>Vaccines</i> , 2021, 9, 1373.	2.1	10
44	SNP of HMGCR and Apo E genes and their impact in response to statin therapy in hypercholesterolemic and hypertriglyceridemic patients in Pakistan. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1577-1583.	0.2	0
45	Synthesis and α -glucosidase inhibition studies of norfloxacin-acetanilide hybrids. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1909-1915.	0.2	1
46	In-silico modeling and in-vitro studies of 2,1-benzothiazine-2,2-dioxide based hydrazone derivatives as α -glucosidase inhibitors. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1951-1955.	0.2	0
47	Proteins and Peptides as Biomarkers for Diagnosis of Cardiovascular Diseases. , 2021, , 298-322.		0
48	Immunoinformatics and its Role in Vaccine Development. , 2021, , 30-65.		0
49	Subtractive genomics and molecular docking approach to identify drug targets against <i>Stenotrophomonas maltophilia</i> . <i>PLoS ONE</i> , 2021, 16, e0261111.	1.1	4
50	Subtractive proteomics to identify targets for vaccine development against vancomycin-resistant. <i>Future Microbiology</i> , 2021, , .	1.0	1
51	The Therapeutic Prospects of Naturally Occurring and Synthetic Indole Alkaloids for Depression and Anxiety Disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	13
52	<p>Acinetobacter baumannii; Sequence Types Harboring Genes Encoding Aminoglycoside Modifying Enzymes and 16SrRNA Methylase; a Multicenter Study from Pakistan</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 2855-2862.	1.1	15
53	Impact of different omega-3 fatty acid sources on lipid, hormonal, blood glucose, weight gain and histopathological damages profile in PCOS rat model. <i>Journal of Translational Medicine</i> , 2020, 18, 349.	1.8	28
54	Reverse vaccinology assisted designing of multiepitope-based subunit vaccine against SARS-CoV-2. <i>Infectious Diseases of Poverty</i> , 2020, 9, 132.	1.5	61

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55	Discovery of novel Hepatitis C virus inhibitor targeting multiple allosteric sites of NS5B polymerase. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104371.	1.0	13
56	In Silico Subtractive Proteomics Approach for Identification of Potential Drug Targets in <i>Staphylococcus saprophyticus</i> . <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3644.	1.2	22
57	Multiepitope-Based Subunit Vaccine Design and Evaluation against Respiratory Syncytial Virus Using Reverse Vaccinology Approach. <i>Vaccines</i> , 2020, 8, 288.	2.1	55
58	CRISPR/CAS9-Mediated Antiviral Activity: A Tool to Combat Viral Infection. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2020, 30, 45-56.	0.4	2
59	Dissemination of blaOXA-23-harboring carbapenem-resistant <i>Acinetobacter baumannii</i> clones in Pakistan. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 357-362.	0.9	25
60	Exploring HCV genome to construct multi-epitope based subunit vaccine to battle HCV infection: Immunoinformatics based approach. <i>Journal of Biomedical Informatics</i> , 2020, 108, 103498.	2.5	18
61	Immunoinformatics guided rational design of a next generation multi epitope based peptide (MEBP) vaccine by exploring Zika virus proteome. <i>Infection, Genetics and Evolution</i> , 2020, 80, 104199.	1.0	59
62	The Prospects for the Therapeutic Implications of Genetically Engineered Probiotics. <i>Journal of Food Quality</i> , 2020, 2020, 1-11.	1.4	39
63	Pathogenic variants of AIPL1, MERTK, GUCY2D, and FOXE3 in Pakistani families with clinically heterogeneous eye diseases. <i>PLoS ONE</i> , 2020, 15, e0239748.	1.1	5
64	Designing of a next generation multiepitope based vaccine (MEV) against SARS-COV-2: Immunoinformatics and in silico approaches. <i>PLoS ONE</i> , 2020, 15, e0244176.	1.1	81
65	Therapeutic Potential of Umbilical Cord Stem Cells for Liver Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 219-232.	0.6	4
66	Microbe-based Antiangiogenesis Therapies for Cancer Management. <i>Anti-angiogenesis Drug Discovery and Development</i> , 2020, , 86-124.	0.1	0
67	Synthesis, molecular docking and anti-diabetic studies of novel benzimidazole-pyrazoline hybrid molecules. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 847-854.	0.2	1
68	Epitope-based peptide vaccine design and target site depiction against Middle East Respiratory Syndrome Coronavirus: an immune-informatics study. <i>Journal of Translational Medicine</i> , 2019, 17, 362.	1.8	135
69	Alpha-glucosidase activity of novel pyrazolobenzothiazine 5,5-dioxide derivatives for the treatment of diabetes mellitus. In vitro combined with molecular docking approach. <i>Biologia (Poland)</i> , 2019, 74, 1523-1530.	0.8	10
70	Conserved B and T cell epitopes prediction of ebola virus glycoprotein for vaccine development: An immuno-informatics approach. <i>Microbial Pathogenesis</i> , 2019, 132, 243-253.	1.3	57
71	Computational screening of medicinal plant phytochemicals to discover potent pan-serotype inhibitors against dengue virus. <i>Scientific Reports</i> , 2019, 9, 1433.	1.6	92
72	TGF- β 1 rs1800469 gene polymorphism in the development of cirrhosis & hepatocellular carcinoma in Pakistani HCV patients. <i>Future Virology</i> , 2019, 14, 663-670.	0.9	1

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73	Comparison of Anti-HCV Activity of Multiple Punica granatum Extracts and Fractions in Virus-infected Human Hepatocytes. <i>Current Pharmaceutical Biotechnology</i> , 2019, 19, 1221-1231.	0.9	2
74	Study on structural insight of the analysis of negative effects of opioids analgesics in naltrexone with TLR4 Mutations. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 345-351.	0.2	1
75	Computational screening of phytochemicals against survivin protein: A potent target for cancer. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1145-1154.	0.2	1
76	Evaluation of the efficacy of different sources of omega-3 fatty acids in polycystic ovarian syndrome (PCOS) induced rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 1781-1788.	0.2	1
77	Screening of phytochemicals against Keap1- NRF2 interaction to reactivate NRF2 Functioning: Pharmacoinformatics based approach. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 2823-2828.	0.2	2
78	Alpha-glucosidase inhibition and molecular docking studies of 1,2-benzothiazine 1,1-dioxide based carbonylhydrazides. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 2829-2834.	0.2	2
79	Analysis of polymorphism rs1990760 of <i>IFIH1</i> gene and treatment outcomes in HCV infection. <i>Future Virology</i> , 2018, 13, 181-187.	0.9	1
80	Analysis of dengue virus burden and serotypes pattern in Faisalabad, 2016–2017. <i>Future Virology</i> , 2018, 13, 245-251.	0.9	4
81	Medicinal plant phytochemicals and their inhibitory activities against pancreatic lipase: molecular docking combined with molecular dynamics simulation approach. <i>Natural Product Research</i> , 2018, 32, 1123-1129.	1.0	36
82	In silico analysis of five missense mutations in CYP1B1 gene in Pakistani families affected with primary congenital glaucoma. <i>International Ophthalmology</i> , 2018, 38, 807-814.	0.6	8
83	Epigallocatechin Gallate as an anti-obesity therapeutic compound: an <i>in silico</i> approach for structure-based drug designing. <i>Natural Product Research</i> , 2018, 32, 2121-2125.	1.0	5
84	Interferon-Free Regimen for Hepatitis C: Insight and Management. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 373-384.	0.4	0
85	Crimean-Congo Hemorrhagic Fever (CCHF) in Pakistan: The "Bell" is Ringing Silently. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 93-100.	0.4	13
86	Peptide vaccine against chikungunya virus: immuno-informatics combined with molecular docking approach. <i>Journal of Translational Medicine</i> , 2018, 16, 298.	1.8	41
87	Deadly outbreak of chickenpox at district Faisalabad, Pakistan: possible causes, and preventive way forward. <i>Molecular Biology Reports</i> , 2018, 45, 2941-2943.	1.0	2
88	Investigating the molecular mechanism of staphylococcal DNA gyrase inhibitors: A combined ligand-based and structure-based resources pipeline. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 85, 122-129.	1.3	42
89	Anti-hepatitis C virus activity and synergistic effect of <i>Nymphaea alba</i> extracts and bioactive constituents in liver infected cells. <i>Microbial Pathogenesis</i> , 2018, 121, 198-209.	1.3	18
90	Scenario of dengue infection & its control in Pakistan: An update and way forward. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 15.	0.4	17

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91	Emergence of IS <i>Aba</i> 1 harboring carbapenem-resistant <i>Acinetobacter baumannii</i> isolates in Pakistan. <i>Future Microbiology</i> , 2017, 12, 1261-1269.	1.0	29
92	Screening of medicinal plant phytochemicals as natural antagonists of p53-MDM2 interaction to reactivate p53 functioning. <i>Anti-Cancer Drugs</i> , 2017, 28, 1032-1038.	0.7	23
93	Toll-like receptor 4 polymorphism as pretreatment predictor of response to HCV genotype 3a interferon-based treatment. <i>Future Virology</i> , 2017, 12, 739-746.	0.9	7
94	MPD3: a useful medicinal plants database for drug designing. <i>Natural Product Research</i> , 2017, 31, 1228-1236.	1.0	72
95	Genetically Modified <i>Aedes aegypti</i> to Control Dengue: A Review. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 331-340.	0.4	27
96	Mechanism of Hepatitis C Virus-Induced Diabetes Mellitus. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 363-371.	0.4	9
97	Potential of Stem Cells as Regenerative Medicine: From Preface to Advancements. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 1-17.	0.4	1
98	Recent Advances in Nanoparticle-Based Targeted Drug-Delivery Systems Against Cancer and Role of Tumor Microenvironment. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017, 34, 317-353.	1.2	102
99	Epidemiology of Hepatitis C Infection in Pakistan: Current Estimate and Major Risk Factors. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 63-77.	0.4	44
100	Designing and molecular docking of cyclic peptides against HCV NS3 protease. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 1965-1969.	0.2	0
101	In-silico identification and evaluation of plant flavonoids as dengue NS2B/NS3 protease inhibitors using molecular docking and simulation approach. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2017, 30, 2119-2137.	0.2	15
102	Role of Toll-Like Receptors in Hepatitis C Virus Pathogenesis and Treatment. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2016, 26, 353-362.	0.4	9
103	Missense mutation in SLC4A11 in two Pakistani families affected with congenital hereditary endothelial dystrophy (CHED2). <i>Australasian journal of optometry</i> , The, 2016, 99, 73-77.	0.6	16
104	Novel Armed Pyrazolobenzothiazine Derivatives: Synthesis, X-Ray Crystal Structure and POM analyses of Biological Activity Against Drug Resistant Clinical Isolate of <i>Staphylococcus aureus</i> . <i>Pharmaceutical Chemistry Journal</i> , 2016, 50, 172-180.	0.3	17
105	De Novo Structural Modeling and Conserved Epitopes Prediction of Zika Virus Envelop Protein for Vaccine Development. <i>Viral Immunology</i> , 2016, 29, 436-443.	0.6	39
106	Antiviral phytochemicals identification from <i>Azadirachta indica</i> leaves against HCV NS3 protease: an in silico approach. <i>Natural Product Research</i> , 2016, 30, 1866-1869.	1.0	33
107	Discovery of Novel Dengue NS2B/NS3 Protease Inhibitors Using Pharmacophore Modeling and Molecular Docking Based Virtual Screening of the ZINC Database. <i>International Journal of Pharmacology</i> , 2016, 12, 621-632.	0.1	47
108	Molecular docking and antiviral activity of N-substituted benzyl/phenyl-2-(3,4-dimethyl-5,5-dioxidopyrazolo[4,3-c][1,2]benzothiazin-2(4H)-yl)acetamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1348-1351.	1.0	19

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109	<sc>TLR</sc>8 gene polymorphism and association in bacterial load in southern <sc>P</sc>unjab of <sc>P</sc>akistan: an association study with pulmonary tuberculosis. International Journal of Immunogenetics, 2015, 42, 46-51.	0.8	33
110	<i>Portulaca oleracea</i>L. as a Prospective Candidate Inhibitor of Hepatitis C Virus NS3 Serine Protease. Viral Immunology, 2015, 28, 282-289.	0.6	15
111	Determination of Substrate Specificities Against α -D-Glucosidase A (BglA) from <i>Thermotoga maritima</i> : A Molecular Docking Approach. Journal of Microbiology and Biotechnology, 2015, 25, 44-49.	0.9	7
112	Anticancer potential of phytochemicals against breast cancer: Molecular docking and simulation approach. Bangladesh Journal of Pharmacology, 2014, 9, .	0.1	21
113	Potential of plant alkaloids as dengue ns3 protease inhibitors: Molecular docking and simulation approach. Bangladesh Journal of Pharmacology, 2014, 9, .	0.1	21
114	Molecular Docking Based Screening of Plant Flavonoids as Dengue NS1 Inhibitors. Bioinformation, 2014, 10, 460-465.	0.2	37
115	Synthesis, molecular docking and antiviral screening of novel N ² -substitutedbenzylidene-2-(4-methyl-5,5-dioxido-3-phenylbenzo[e]pyrazolo[4,3-c][1,2]thiazin-1(4H)-yl)acetohydrazides. Medicinal Chemistry Research, 2014, 23, 2930-2946.		
116	Discovery and design of cyclic peptides as dengue virus inhibitors through structure-based molecular docking. Asian Pacific Journal of Tropical Medicine, 2014, 7, 513-516.	0.4	11
117	Gene Expression Profiling of Immune Responsive and Fibrosis Genes in Hepatitis C Virus Infected Patients. Viral Immunology, 2014, 27, 250-254.	0.6	2
118	Medicinal plants against hepatitis C virus. World Journal of Gastroenterology, 2014, 20, 2941.	1.4	27
119	Computer Aided Screening of Phytochemicals from <i>Garcinia</i> against the Dengue NS2B/NS3 Protease. Bioinformation, 2014, 10, 115-118.	0.2	23
120	Erratum in Jalil et al., Screening and design of anti-diabetic compounds sourced from the leaves of neem (<i>Azadirachta indica</i>). Bioinformation, 2014, 10, 393-393.	0.2	0
121	Modelling and simulation of mutant alleles of breast cancer metastasis suppressor 1 (BRMS1) gene. Bioinformation, 2014, 10, 454-459.	0.2	3
122	HCV Envelope protein 2 sequence comparison of Pakistani isolate and In-silico prediction of conserved epitopes for vaccine development. Journal of Translational Medicine, 2013, 11, 105.	1.8	5
123	Development of global consensus sequence of HCV glycoproteins involved in viral entry. Theoretical Biology and Medical Modelling, 2013, 10, 24.	2.1	5
124	Structural analysis and epitope prediction of HCV E1 protein isolated in Pakistan: an in-silico approach. Virology Journal, 2013, 10, 113.	1.4	18
125	RNAi: antiviral therapy against dengue virus. Asian Pacific Journal of Tropical Biomedicine, 2013, 3, 232-236.	0.5	44
126	HBV Induced HCC: Major Risk Factors from Genetic to Molecular Level. BioMed Research International, 2013, 2013, 1-14.	0.9	49

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127	Global Consensus Sequence Development and Analysis of Dengue NS3 Conserved Domains. <i>BioResearch Open Access</i> , 2013, 2, 392-396.	2.6	3
128	Screening and design of anti-diabetic compounds sourced from the leaves of neem (<i>Azadirachta</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 7	0.2	16
129	Computer aided Screening of <i>Accacia nilotica</i> phytochemicals against HCV NS3/4a. <i>Bioinformation</i> , 2013, 9, 710-714.	0.2	8
130	Molecular screening of phytochemicals from <i>Amelanchier Alnifolia</i> against HCV NS3 protease/helicase using computational docking techniques. <i>Bioinformation</i> , 2013, 9, 978-982.	0.2	8
131	MAPS Database: Medicinal plant Activities, Phytochemical and Structural Database. <i>Bioinformation</i> , 2013, 9, 993-995.	0.2	40
132	A brief review on dengue molecular virology, diagnosis, treatment and prevalence in Pakistan. <i>Genetic Vaccines and Therapy</i> , 2012, 10, 6.	1.5	54
133	Hepatitis C virus entry: Role of host and viral factors. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1699-1709.	1.0	19
134	Dual behavior of HCV Core gene in regulation of apoptosis is important in progression of HCC. <i>Infection, Genetics and Evolution</i> , 2012, 12, 236-239.	1.0	32
135	Rabies molecular virology, diagnosis, prevention and treatment. <i>Virology Journal</i> , 2012, 9, 50.	1.4	83
136	Hepatitis C virus to hepatocellular carcinoma. <i>Infectious Agents and Cancer</i> , 2012, 7, 2.	1.2	29
137	Post-transcriptional inhibition of hepatitis C virus replication through small interference RNA. <i>Virology Journal</i> , 2011, 8, 112.	1.4	12
138	Inhibition of HCV 3a core gene through Silymarin and its fractions. <i>Virology Journal</i> , 2011, 8, 153.	1.4	21
139	Inhibition of full length Hepatitis C Virus particles of 1a genotype through small interference RNA. <i>Virology Journal</i> , 2011, 8, 203.	1.4	17
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