

usman ali Ashfaq

List of Publications by Year in descending order

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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	Glycyrrhizin as antiviral agent against Hepatitis C Virus. <i>Journal of Translational Medicine</i> , 2011, 9, 112.	1.8	151
2	An overview of HCV molecular biology, replication and immune responses. <i>Virology Journal</i> , 2011, 8, 161.	1.4	139
3	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
4	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
5	Network Pharmacology Approach for Medicinal Plants: Review and Assessment. <i>Pharmaceuticals</i> , 2022, 15, 572.	1.7	99
6	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
7	Rabies molecular virology, diagnosis, prevention and treatment. <i>Virology Journal</i> , 2012, 9, 50.	1.4	83
8	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
9	In-vitro antiviral activity of <i>Solanum nigrum</i> against Hepatitis C Virus. <i>Virology Journal</i> , 2011, 8, 26.	1.4	76
10	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
11	MPD3: a useful medicinal plants database for drug designing. <i>Natural Product Research</i> , 2017, 31, 1228-1236.	1.0	72
12	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
13	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
14	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
15	Multiepitope-Based Subunit Vaccine Design and Evaluation against Respiratory Syncytial Virus Using Reverse Vaccinology Approach. <i>Vaccines</i> , 2020, 8, 288.	2.1	55
16	Antiviral activity of <i>Acacia nilotica</i> against Hepatitis C Virus in liver infected cells. <i>Virology Journal</i> , 2011, 8, 220.	1.4	54
17	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
18	Lysosomotropic agents as HCV entry inhibitors. <i>Virology Journal</i> , 2011, 8, 163.	1.4	49

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19	HBV Induced HCC: Major Risk Factors from Genetic to Molecular Level. <i>BioMed Research International</i> , 2013, 2013, 1-14.	0.9	49
20	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
21	RNAi: antiviral therapy against dengue virus. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 232-236.	0.5	44
22	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
23	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
24	Peptide vaccine against chikungunya virus: immuno-informatics combined with molecular docking approach. <i>Journal of Translational Medicine</i> , 2018, 16, 298.	1.8	41
25	MAPS Database: Medicinal plant Activities, Phytochemical and Structural Database. <i>Bioinformatics</i> , 2013, 9, 993-995.	0.2	40
26	<i>De Novo</i> 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
27	The Prospects for the Therapeutic Implications of Genetically Engineered Probiotics. <i>Journal of Food Quality</i> , 2020, 2020, 1-11.	1.4	39
28	Molecular Docking Based Screening of Plant Flavonoids as Dengue NS1 Inhibitors. <i>Bioinformatics</i> , 2014, 10, 460-465.	0.2	37
29	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
30	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
31	<i>TLR8</i> gene polymorphism and association in bacterial load in southern <i>Punjab</i> of <i>Pakistan</i> : an association study with pulmonary tuberculosis. <i>International Journal of Immunogenetics</i> , 2015, 42, 46-51.	0.8	33
32	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
33	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
34	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
35	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
36	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

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37	Hepatitis C virus to hepatocellular carcinoma. <i>Infectious Agents and Cancer</i> , 2012, 7, 2.	1.2	29
38	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
39	siRNAs: Potential therapeutic agents against Hepatitis C Virus. <i>Virology Journal</i> , 2011, 8, 276.	1.4	28
40	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
41	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
42	Medicinal plants against hepatitis C virus. <i>World Journal of Gastroenterology</i> , 2014, 20, 2941.	1.4	27
43	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
44	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
45	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
46	Computer Aided Screening of Phytochemicals from <i>Garcinia</i> against the Dengue NS2B/NS3 Protease. <i>Bioinformatics</i> , 2014, 10, 115-118.	0.2	23
47	The epidemic of HIV/AIDS in developing countries; the current scenario in Pakistan. <i>Virology Journal</i> , 2011, 8, 401.	1.4	22
48	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
49	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
50	Inhibition of HCV 3a core gene through Silymarin and its fractions. <i>Virology Journal</i> , 2011, 8, 153.	1.4	21
51	Anticancer potential of phytochemicals against breast cancer: Molecular docking and simulation approach. <i>Bangladesh Journal of Pharmacology</i> , 2014, 9, .	0.1	21
52	Potential of plant alkaloids as dengue ns3 protease inhibitors: Molecular docking and simulation approach. <i>Bangladesh Journal of Pharmacology</i> , 2014, 9, .	0.1	21
53	In-vitro model systems to study Hepatitis C Virus. <i>Genetic Vaccines and Therapy</i> , 2011, 9, 7.	1.5	20
54	Hepatitis C virus entry: Role of host and viral factors. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1699-1709.	1.0	19

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55	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>Biorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1348-1351.	1.0	19
56	Stem cells based in vitro models: trends and prospects in biomaterials cytotoxicity studies. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042003.	1.7	19
57	Effect of combined siRNA of HCV E2 gene and HCV receptors against HCV. <i>Virology Journal</i> , 2011, 8, 295.	1.4	18
58	Structural analysis and epitope prediction of HCV E1 protein isolated in Pakistan: an in-silico approach. <i>Virology Journal</i> , 2013, 10, 113.	1.4	18
59	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
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	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
62	Antiviral drugs against hepatitis C virus. <i>Genetic Vaccines and Therapy</i> , 2011, 9, 11.	1.5	17
63	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
64	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
65	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
66	Anti-apoptotic effect of HCV core gene of genotype 3a in Huh-7 cell line. <i>Virology Journal</i> , 2011, 8, 522.	1.4	16
67	Screening and design of anti-diabetic compounds sourced from the leaves of neem (<i>Azadirachta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0,2 16		
68	Missense mutation in SLC4A11 in two Pakistani families affected with congenital hereditary endothelial dystrophy (CHED2). <i>Australasian journal of optometry, The</i> , 2016, 99, 73-77.	0.6	16
69	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
70	<i>Portulaca oleracea</i> L. as a Prospective Candidate Inhibitor of Hepatitis C Virus NS3 Serine Protease. <i>Viral Immunology</i> , 2015, 28, 282-289.	0.6	15
71	<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
72	Synthesis and \pm -Glucosidase Inhibition Activity of 2-[3-(Benzoyl/4-bromobenzoyl)-4-hydroxy-1,1-dioxido-2H-benzo[e][1,2]thiazin-2-yl]-N-arylacetamides: An In Silico and Biochemical Approach. <i>Molecules</i> , 2021, 26, 3043.	1.7	15

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73	In-silico identification and evaluation of plant flavonoids as dengue NS2B/NS3 protease inhibitors using molecular docking and simulation approach. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 2119-2137.	0.2	15
74	Synthesis, molecular docking and antiviral screening of novel N- ϵ -substitutedbenzylidene-2-(4-methyl-5,5-dioxido-3-phenylbenzo[e]pyrazolo[4,3-c][1,2]thiazin-1(4H)-yl)acetohydrazides.14 Medicinal Chemistry Research, 2014, 23, 2930-2946.		14
75	Rational design of multimeric based subunit vaccine against Mycoplasma pneumonia: Subtractive proteomics with immunoinformatics framework. Infection, Genetics and Evolution, 2021, 91, 104795.	1.0	14
76	Computer-Aided Multi-Epitope Vaccine Design against Enterobacter xiangfangensis. International Journal of Environmental Research and Public Health, 2022, 19, 7723.	1.2	14
77	Crimean-Congo Hemorrhagic Fever (CCHF) in Pakistan: The "Bell" is Ringing Silently. Critical Reviews in Eukaryotic Gene Expression, 2018, 28, 93-100.	0.4	13
78	The Therapeutic Prospects of Naturally Occurring and Synthetic Indole Alkaloids for Depression and Anxiety Disorders. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	13
79	Discovery of novel Hepatitis C virus inhibitor targeting multiple allosteric sites of NS5B polymerase. Infection, Genetics and Evolution, 2020, 84, 104371.	1.0	13
80	Proteome-Wide Mapping and Reverse Vaccinology Approaches to Design a Multi-Epitope Vaccine against Clostridium perfringens. Vaccines, 2021, 9, 1079.	2.1	13
81	Structural Elucidation of Rift Valley Fever Virus L Protein towards the Discovery of Its Potential Inhibitors. Pharmaceuticals, 2022, 15, 659.	1.7	13
82	Post-transcriptional inhibition of hepatitis C virus replication through small interference RNA. Virology Journal, 2011, 8, 112.	1.4	12
83	Inhibition of Hepatitis C Virus 3a genotype entry through Glanthus Nivalis Agglutinin. Virology Journal, 2011, 8, 248.	1.4	12
84	Dysregulation of circulating miRNAs promotes the pathogenesis of diabetes-induced cardiomyopathy. PLoS ONE, 2021, 16, e0250773.	1.1	12
85	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
86	Role of Heavy Metals in Diabetes: Mechanisms and Treatment Strategies. Critical Reviews in Eukaryotic Gene Expression, 2021, 31, 65-80.	0.4	11
87	Identification of Cyclic Sulfonamides with an N-Arylacetamide Group as α -Glucosidase and α -Amylase Inhibitors: Biological Evaluation and Molecular Modeling. Pharmaceuticals, 2022, 15, 106.	1.7	11
88	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 in-vivo mouse model study. International Journal of Biological Macromolecules, 2022, 207, 507-521.	3.6	11
89	Down-regulation of IRES containing 5'UTR of HCV genotype 3a using siRNAs. Virology Journal, 2011, 8, 221.	1.4	10
90	Alpha-glucosidase activity of novel pyrazolobenzothiazine 5,5-dioxide derivatives for the treatment of diabetes mellitus. In vitro combined with molecular docking approach. Biologia (Poland), 2019, 74, 1523-1530.	0.8	10

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91	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
92	The Insight of In Silico and In Vitro evaluation of <i>Beta vulgaris</i> phytochemicals against Alzheimer's disease targeting acetylcholinesterase. <i>PLoS ONE</i> , 2022, 17, e0264074.	1.1	10
93	NS4A protein as a marker of HCV history suggests that different HCV genotypes originally evolved from genotype 1b. <i>Virology Journal</i> , 2011, 8, 317.	1.4	9
94	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
95	Mechanism of Hepatitis C Virus-Induced Diabetes Mellitus. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2017, 27, 363-371.	0.4	9
96	Pathogenesis of Diabetic Cardiomyopathy and Role of miRNA. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2021, 31, 79-92.	0.4	9
97	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
98	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
99	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
100	Computer aided Screening of <i>Accacia nilotica</i> phytochemicals against HCV NS3/4a. <i>Bioinformation</i> , 2013, 9, 710-714.	0.2	8
101	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
102	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
103	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
104	Inhibition of HCV 3a genotype entry through Host CD81 and HCV E2 antibodies. <i>Journal of Translational Medicine</i> , 2011, 9, 194.	1.8	7
105	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
106	Determination of Substrate Specificities Against α -Glucosidase A (BglA) from <i>Thermotoga maritime</i> : A Molecular Docking Approach. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 44-49.	0.9	7
107	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
108	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

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109	Discovery of Amide-Functionalized Benzimidazolium Salts as Potent α -Glucosidase Inhibitors. <i>Molecules</i> , 2021, 26, 4760.	1.7	6
110	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
111	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
112	HCV Envelope protein 2 sequence comparison of Pakistani isolate and In-silico prediction of conserved epitopes for vaccine development. <i>Journal of Translational Medicine</i> , 2013, 11, 105.	1.8	5
113	Development of global consensus sequence of HCV glycoproteins involved in viral entry. <i>Theoretical Biology and Medical Modelling</i> , 2013, 10, 24.	2.1	5
114	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
115	<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
116	Pathogenic variants of APL1, MERTK, GUCY2D, and FOXE3 in Pakistani families with clinically heterogeneous eye diseases. <i>PLoS ONE</i> , 2020, 15, e0239748.	1.1	5
117	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
118	Analysis of dengue virus burden and serotypes pattern in Faisalabad, 2016–2017. <i>Future Virology</i> , 2018, 13, 245-251.	0.9	4
119	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
120	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
121	Discovery of Novel HCV NS5B polymerase inhibitor, 3,4-dimethyl-5-dioxidobenzo[<i>e</i>]pyrazolo[4,3- <i>c</i>][1,2]thiazin-2(4 <i>H</i>)- <i>yl</i> - <i>N</i> -(2- <i>H</i>)- <i>yl</i> via molecular docking and experimental approach. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1653-1661.	0.9	4
122	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
123	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
124	Global Consensus Sequence Development and Analysis of Dengue NS3 Conserved Domains. <i>BioResearch Open Access</i> , 2013, 2, 392-396.	2.6	3
125	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
126	Modelling and simulation of mutant alleles of breast cancer metastasis suppressor 1 (BRMS1) gene. <i>Bioinformatics</i> , 2014, 10, 454-459.	0.2	3

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127	Gene Expression Profiling of Immune Responsive and Fibrosis Genes in Hepatitis C Virus Infected Patients. <i>Viral Immunology</i> , 2014, 27, 250-254.	0.6	2
128	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
129	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
130	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
131	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
132	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
133	Current trends and possible therapeutic options against COVID-19. <i>Journal of Microbiology and Infectious Diseases</i> , 0, , 110-120.	0.1	2
134	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
135	Alpha-glucosidase inhibition and molecular docking studies of 1,2-benzothiazine 1,1-dioxide based carbohydrazides. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 2829-2834.	0.2	2
136	An overview of chikungunya virus—molecular biology, epidemiology, pathogenesis, treatment—and prevention strategies. <i>Future Virology</i> , 2022, 17, 593-606.	0.9	2
137	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
138	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
139	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
140	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
141	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
142	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
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