Shazi Shakil

List of Publications by Year
in descending order

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92 papers	3,058 citations	218592 26 h-index	175177 52 g-index
93 all docs	93 docs citations	93 times ranked	5026 citing authors

#	Article	IF	Citations
1	Antibiotic resistance and extended spectrum beta-lactamases: Types, epidemiology and treatment. Saudi Journal of Biological Sciences, 2015, 22, 90-101.	1.8	486
2	Antimicrobial Activity of Five Herbal Extracts Against Multi Drug Resistant (MDR) Strains of Bacteria and Fungus of Clinical Origin. Molecules, 2009, 14, 586-597.	1.7	263
3	Nanotechnology-based approaches in anticancer research. International Journal of Nanomedicine, 2012, 7, 4391.	3.3	217
4	Aminoglycosides versus bacteria â€“ a description of the action, resistance mechanism, and nosocomial battleground. Journal of Biomedical Science, 2008, 15, 5-14.	2.6	168
5	Protein Misfolding and Aggregation in Alzheimerâ€™s Disease and Type 2 Diabetes Mellitus. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1280-1293.	0.8	138
6	A simple click by click protocol to perform docking: AutoDock 4.2 made easy for non-bioinformaticians. EXCLI Journal, 2013, 12, 831-57.	0.5	136
7	A Synopsis on the Role of Tyrosine Hydroxylase in Parkinsonâ€™s Disease. CNS and Neurological Disorders - Drug Targets, 2012, 11, 395-409.	0.8	111
8	Silver nanoparticles from leaf extract of Mentha piperita: Eco-friendly synthesis and effect on acetylcholinesterase activity. Life Sciences, 2018, 209, 430-434.	2.0	79
9	Cancer Chemoprevention by Polyphenols and Their Potential Application as Nanomedicine. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2013, 31, 67-98.	2.9	55
10	Infected foot ulcers in male and female diabetic patients: a clinico-bioinformative study. Annals of Clinical Microbiology and Antimicrobials, 2010, 9, 2.	1.7	54
11	Novel compound from Trachyspermum ammi (Ajowan caraway) seeds with antibiofilm and antiadherence activities against Streptococcus mutans: a potential chemotherapeutic agent against dental caries. Journal of Applied Microbiology, 2010, 109, 2151-2159.	1.4	53
12	Acquisition of extended-spectrum Î²-lactamase producing Escherichia coli strains in male and female infants admitted to a neonatal intensive care unit: molecular epidemiology and analysis of risk factors. Journal of Medical Microbiology, 2010, 59, 948-954.	0.7	46
13	Forxiga (dapagliflozin): Plausible role in the treatment of diabetesâ€associated neurological disorders. Biotechnology and Applied Biochemistry, 2016, 63, 145-150.	1.4	46
14	Synthesis and Characterization of Cefotaxime Conjugated Gold Nanoparticles and Their Use to Target Drug-Resistant CTX-M-Producing Bacterial Pathogens. Journal of Cellular Biochemistry, 2017, 118, 2802-2808.	1.2	45
15	Effects of extremely low frequency electromagnetic field (ELF-EMF) on catalase, cytochrome P450 and nitric oxide synthase in erythro-leukemic cells. Life Sciences, 2015, 121, 117-123.	2.0	44
16	Invokana (Canagliflozin) as a Dual Inhibitor of Acetylcholinesterase and Sodium Glucose Co-Transporter 2: Advancement in Alzheimerâ€™s Disease- Diabetes Type 2 Linkage via an Enzoinformatics Study. CNS and Neurological Disorders - Drug Targets, 2014, 13, 447-451.	0.8	44
17	New Delhi Metallo-Î²-Lactamase (NDM-1): An Updates. Journal of Chemotherapy, 2011, 23, 263-265.	0.7	42
18	Current Acetylcholinesterase-Inhibitors: A Neuroinformatics Perspective. CNS and Neurological Disorders - Drug Targets, 2014, 13, 391-401.	0.8	41

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19	Mutagenic, antioxidant and wound healing properties of Aloe vera. Journal of Ethnopharmacology, 2018, 227, 191-197.	2.0	39
20	Genotoxicity Testing and Biomarker Studies on Surface Waters: An Overview of the Techniques and Their Efficacies. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2011, 29, 250-275.	2.9	38
21	Molecular characterization, antimicrobial resistance and clinico-bioinformatics approaches to address the problem of extended-spectrum Î²-lactamase-producing Escherichia coli in western Saudi Arabia. Scientific Reports, 2018, 8, 14847.	1.6	38
22	An overview on the correlation of neurological disorders with cardiovascular disease. Saudi Journal of Biological Sciences, 2015, 22, 19-23.	1.8	36
23	Risk factors for acquisition of extended spectrum beta lactamase producing Escherichia coli and Klebsiella pneumoniae in North-Indian hospitals. Saudi Journal of Biological Sciences, 2015, 22, 37-41.	1.8	33
24	Recent Updates on the Association Between Alzheimer's Disease and Vascular Dementia. Medicinal Chemistry, 2016, 12, 226-237.	0.7	33
25	In silico screening of glycogen synthase kinase-3Î² targeted ligands against acetylcholinesterase and its probable relevance to Alzheimerâ€™s disease. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5083-5092.	2.0	30
26	Risk Factors for Extended-Spectrum Â-Lactamase Producing Escherichia Coli and Klebsiella Pneumoniae Acquisition in a Neonatal Intensive Care Unit. Journal of Tropical Pediatrics, 2010, 56, 90-96.	0.7	28
27	Prevalence of multidrug resistant and extended spectrum beta-lactamase producing Pseudomonas aeruginosa in a tertiary care hospital. Saudi Journal of Biological Sciences, 2015, 22, 62-64.	1.8	28
28	Genomic and antimicrobial resistance genes diversity in multidrug-resistant CTX-M-positive isolates of Escherichia coli at a health care facility in Jeddah. Journal of Infection and Public Health, 2020, 13, 94-100.	1.9	28
29	Crystal Structure and Interaction of Phycocyanin with β-Secretase: A Putative Therapy for Alzheimerâ€™s Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 691-698.	0.8	28
30	Concatenation of molecular docking and molecular simulation of BACE-1, Î³-secretase targeted ligands: in pursuit of Alzheimerâ€™s treatment. Annals of Medicine, 2021, 53, 2332-2344.	1.5	28
31	Detection of CTX-M-15-Producing and Carbapenem-ResistantAcinetobacter BaumanniiStrains from Urine from an Indian Hospital. Journal of Chemotherapy, 2010, 22, 324-327.	0.7	25
32	Molecular Interaction of Antiâ€Diabetic Drugs With Acetylcholinesterase and Sodium Glucose Coâ€Transporter 2. Journal of Cellular Biochemistry, 2017, 118, 3855-3865.	1.2	25
33	Molecular and enzoinformatics perspectives of targeting Polo-like kinase 1 in cancer therapy. Seminars in Cancer Biology, 2019, 56, 47-55.	4.3	25
34	Tigecycline: A Critical Update. Journal of Chemotherapy, 2008, 20, 411-419.	0.7	23
35	Kinetics and Molecular Docking Study of an Anti-diabetic Drug Glimepiride as Acetylcholinesterase Inhibitor: Implication for Alzheimerâ€™s Disease-Diabetes Dual Therapy. Neurochemical Research, 2016, 41, 1475-1482.	1.6	22
36	A Synopsis of Nano-Technological Approaches Toward Anti-Epilepsy Therapy: Present and Future Research Implications. Current Drug Metabolism, 2015, 16, 336-345.	0.7	21

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37	C-Peptide and its Correlation to Parameters of Insulin Resistance in the Metabolic Syndrome. CNS and Neurological Disorders - Drug Targets, 2011, 10, 921-927.	0.8	21
38	Role of anti-diabetic drugs as therapeutic agents in Alzheimer's disease. EXCLI Journal, 2015, 14, 684-96.	0.5	20
39	Current Updates on Therapeutic Advances in the Management of Cardiovascular Diseases. Current Pharmaceutical Design, 2016, 22, 566-571.	0.9	20
40	An insight towards anticancer potential of major coffee constituents. BioFactors, 2018, 44, 315-326.	2.6	17
41	Molecular Interaction of Human Brain Acetylcholinesterase with a Natural Inhibitor Huperzine-B: An Enzoinformatics Approach. CNS and Neurological Disorders - Drug Targets, 2014, 13, 487-490.	0.8	17
42	A Neuroinformatics Study Describing Molecular Interaction of Cisplatin with Acetylcholinesterase: A Plausible Cause for Anticancer Drug Induced Neurotoxicity. CNS and Neurological Disorders - Drug Targets, 2014, 13, 265-270.	0.8	16
43	Prediction of Comparative Inhibition Efficiency for a Novel Natural Ligand, Galangin Against Human Brain Acetylcholinesterase, Butyrylcholinesterase and 5-Lipoxygenase: A Neuroinformatics Study. CNS and Neurological Disorders - Drug Targets, 2014, 13, 452-459.	0.8	16
44	Interaction of Human Brain Acetylcholinesterase with Cyclophosphamide: A Molecular Modeling and Docking Study. CNS and Neurological Disorders - Drug Targets, 2011, 10, 845-848.	0.8	15
45	Inhibition of Butyrylcholinesterase with Fluorobenzylcymserine, An Experimental Alzheimer's Drug Candidate: Validation of Enzoinformatics Results by Classical and Innovative Enzyme Kinetic Analyses. CNS and Neurological Disorders - Drug Targets, 2017, 16, 820-827.	0.8	15
46	Compounds isolated from Ageratum houstonianum inhibit the activity of matrix metalloproteinases (MMP-2 and MMP-9): An oncoinformatics study. Pharmacognosy Magazine, 2014, 10, 18.	0.3	14
47	Complete Genome Sequencing and Genetic Characterization of Alkhumra Hemorrhagic Fever Virus Isolated from Najran, Saudi Arabia. Intervirology, 2014, 57, 300-310.	1.2	14
48	Estimation of Interleukin-1Î² Promoter (â^'31 C/T and â^'511 T/C) Polymorphisms and Its Level in Coronary Artery Disease Patients. Journal of Cellular Biochemistry, 2017, 118, 2977-2982.	1.2	14
49	Aptiom (Eslicarbazepine Acetate) as a Dual Inhibitor of β-Secretase and Voltage-Gated Sodium Channel: Advancement in Alzheimerâ€™s Disease- Epilepsy Linkage via an Enzoinformatics Study. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1258-1262.	0.8	14
50	Interaction of CTX-M-15 enzyme with cefotaxime: a molecular modelling and docking study. Bioinformation, 2010, 4, 468-472.	0.2	14
51	Association of autoimmunity and cancer: An emphasis on proteolytic enzymes. Seminars in Cancer Biology, 2020, 64, 19-28.	4.3	13
52	Molecular Interaction of the Antineoplastic Drug, Methotrexate with Human Brain Acetylcholinesterase: A Docking Study. CNS and Neurological Disorders - Drug Targets, 2012, 11, 142-147.	0.8	12
53	Fetzima (levomilnacipran), a Drug for Major Depressive Disorder as a Dual Inhibitor for Human Serotonin Transporters and Beta-Site Amyloid Precursor Protein Cleaving Enzyme-1. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1427-1431.	0.8	12
54	Potential Linkage Between Cerebrovascular Diseases and Metabolic Syndrome. Current Drug Metabolism, 2017, 18, 62-68.	0.7	11

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55	Therapeutic Targeting of Amyloid Precursor Protein and its Processing Enzymes for Breast Cancer Treatment. Current Protein and Peptide Science, 2018, 19, 841-849.	0.7	11
56	Molecular Docking Study of Catecholamines and [4-(Propan-2-yl) Phenyl]Carbamic acid with Tyrosine Hydroxylase. CNS and Neurological Disorders - Drug Targets, 2012, 11, 463-468.	0.8	11
57	ADNCD: a compendious database on anti-diabetic natural compounds focusing on mechanism of action. 3 Biotech, 2018, 8, 361.	1.1	10
58	High Throughput Virtual Screening and Molecular Dynamics Simulation for Identifying a Putative Inhibitor of Bacterial CTX-M-15. Antibiotics, 2021, 10, 474.	1.5	10
59	An enzoinformatics study targeting polo-like kinases-1 enzyme: Comparative assessment of anticancer potential of compounds isolated from leaves of Ageratum houstonianum. Pharmacognosy Magazine, 2014, 10, 14.	0.3	9
60	A neuroinformatics study to compare inhibition efficiency of three natural ligands (Fawcettimine,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Systems, 2015, 26, 25-34.	2.2	9
61	Prevalence of CTX-M resistance marker and integrons among Escherichia coli and Klebsiella pneumoniae isolates of clinical origin. Letters in Applied Microbiology, 2016, 62, 419-427.	1.0	9
62	Interaction of 2009 CTX - M Variants with Drugs and Inhibitors: a Molecular Modeling and Docking Study. Journal of Proteomics and Bioinformatics, 2010, 03, 130-134.	0.4	9
63	Doripenem Versus Bacteria: An Emerging Battleground. Journal of Chemotherapy, 2009, 21, 482-492.	0.7	8
64	Nanobiotechnological Approaches Against Multidrug Resistant Bacterial Pathogens: An Update. Current Drug Metabolism, 2015, 16, 362-370.	0.7	8
65	Galectins-A Potential Target for Cardiovascular Therapy. Current Vascular Pharmacology, 2017, 15, 296-312.	0.8	8
66	Predictionof Anti-Diabetic Drugs as Dual Inhibitors Against Acetylcholinesterase and Beta-Secretase: A Neuroinformatics Study. CNS and Neurological Disorders - Drug Targets, 2016, 15, 1216-1221.	0.8	7
67	Molecular interaction of investigational ligands with human brain acetylcholinesterase. Journal of Cellular Biochemistry, 2019, 120, 11820-11830.	1.2	6
68	Efficacy of neuraminidase (NA) inhibitors against H1N1 strains of different geographical regions: an in silico approach. Indian Journal of Microbiology, 2009, 49, 370-376.	1.5	5
69	Molecular interaction of anti-cancer ligands with human brain acetylcholinesterase. Journal of Biomolecular Structure and Dynamics, 2022, 40, 2254-2263.	2.0	5
70	Common Therapeutic Modalities Against Diabetes and Associated Cardiovascular Disease. Current Vascular Pharmacology, 2017, 15, 365-373.	0.8	5
71	Can manipulation of gut microbiota really be transformed into an intervention strategy for cardiovascular disease management?. Folia Microbiologica, 2021, 66, 897-916.	1.1	5
72	Prevalence of Integrons,blaCTX-MandblaTEMResistance Markers among ESBL-Producing UropathogenicEscherichia coliIsolates: First Report of GenomicblaCTX-Mfrom India. Journal of Chemotherapy, 2011, 23, 131-134.	0.7	4

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73	Comparative Inhibition Study of Compounds Identified in the Methanolic Extract of Apamarga Kshara Against Trichomonas vaginalis Carbamate Kinase (TvCK): An Enzoinformatics Approach. Interdisciplinary Sciences, Computational Life Sciences, 2016, 8, 357-365.	2.2	4
74	Interfering PLD1-PED/PEA15 interaction using self-inhibitory peptides: An in silico study to discover novel therapeutic candidates against type 2 diabetes. Saudi Journal of Biological Sciences, 2019, 26, 160-164.	1.8	4
75	Human Platelet Acetylcholinesterase Inhibition by Cyclophosphamide: A Combined Experimental and Computational Approach. CNS and Neurological Disorders - Drug Targets, 2011, 10, 928-935.	0.8	4
76	Inflammation targeted nanomedicines: Patents and applications in cancer therapy. Seminars in Cancer Biology, 2022, 86, 645-663.	4.3	4
77	Molecular interaction of inhibitors with human brain butyrylcholinesterase.. EXCLI Journal, 2021, 20, 1597-1607.	0.5	4
78	An enzoinformatics study for prediction of efficacies of three novel penem antibiotics against New Delhi metallo-Î²-lactamase-1 bacterial enzyme. Interdisciplinary Sciences, Computational Life Sciences, 2014, 6, 208-215.	2.2	3
79	Effect of an SNP inSCAPgene on lipid-lowering response to rosuvastatin in Indian patients with metabolic syndrome. Pharmacogenomics, 2016, 17, 2015-2024.	0.6	3
80	Putative Anti-Cancer Drug Candidate Targeting the 'PLK-1-Polo-Box Domain' by High Throughput Virtual Screening: A Computational Drug Design Study. Critical Reviews in Eukaryotic Gene Expression, 2019, 29, 251-261.	0.4	3
81	Linkage of Stress with Neuromuscular Disorders. CNS and Neurological Disorders - Drug Targets, 2016, 15, 321-328.	0.8	3
82	Homology modeling and docking study of recent SHV type Î²-lactamses with traditional and novel inhibitors: an in silico approach to combat problem of multiple drug resistance in various infections. Medicinal Chemistry Research, 2012, 21, 2229-2237.	1.1	2
83	Non-clonal Dissemination of Extended-Spectrum Beta-Lactamase-Producing Pseudomonas aeruginosa Strains of Clinical Origin. Iranian Journal of Science and Technology, Transaction A: Science, 2017, 41, 1011-1015.	0.7	2
84	Genotyping of interleukins-18 promoters and their correlation with coronary artery stenosisÂin Saudi population. Molecular Biology Reports, 2021, 48, 6695-6702.	1.0	2
85	Integrating Qualitative and Quantitative Tools for the Detection and Identification of Lectins in Major Human Diseases. Protein and Peptide Letters, 2015, 22, 954-962.	0.4	1
86	Identification of a putative anti-rheumatoid arthritis molecule by virtual screening. Tropical Journal of Pharmaceutical Research, 2020, 19, 1255-1261.	0.2	1
87	Hepato-protective effect of Allium sativum against immobilization stress in rats. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 521-528.	0.2	1
88	PP-001 Extended-spectrum Î²-lactamase producing Escherichia coli strains isolated from male and female neonates: mode of transmission of CTX-M gene and a clinico-bioinformative study. International Journal of Infectious Diseases, 2010, 14, S24.	1.5	0
89	Effect of degree of unsaturation of fatty acids on the activity of FabI (enoyl-acyl carrier protein) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tropical Disease, 2014, 4, S733-S738.	0.5	0
90	Extended Spectrum Beta Lactamases: A Critical Update. , 2012, , 115-129.		0

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91	Association of Plasma Fibrinogen Level with Insulin Resistance in Angiographically Confirmed Coronary Artery Disease Patients. Critical Reviews in Eukaryotic Gene Expression, 2019, 29, 277-285.	0.4	0
92	Molecular interaction of 4-amino-Nâ€™-(benzoyloxy)-N-(2,4-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 Td (dimethylphenyl)-1,2,5-oxadi and its implication in rheumatoid arthritis. Tropical Journal of Pharmaceutical Research, 2020, 19, 1045-1052.	0.2	0