Syed Adnan Ali Shah

List of Publications by Year
in descending order

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213 papers	3,422 citations	172457 29 h-index	223800 46 g-index
224 all docs	224 docs citations	224 times ranked	4092 citing authors

#	Article	IF	Citations
1	Synthesis,inÂvitrobiological screening and docking study of benzo[d]oxazolebisSchiff base derivatives as a potent anti-Alzheimer agent. Journal of Biomolecular Structure and Dynamics, 2023, 41, 1649-1664.	3.5	9
2	Prospect of Anterior Gradient 2 homodimer inhibition via repurposing FDA-approved drugs using structure-based virtual screening. Molecular Diversity, 2022, 26, 1399-1409.	3.9	1
3	Synthesis, anti-diabetic and in silico QSAR analysis of flavone hydrazide Schiff base derivatives. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12723-12738.	3.5	10
4	Synthesis of new 1,2-disubstituted benzimidazole analogs as potent inhibitors of Î²-Glucuronidase and in silico study. Arabian Journal of Chemistry, 2022, 15, 103505.	4.9	5
5	Synthesis of Functionalized Thiophene Based Pyrazole Amides via Various Catalytic Approaches: Structural Features through Computational Applications and Nonlinear Optical Properties. Molecules, 2022, 27, 360.	3.8	10
6	New biologically dynamic hybrid pharmacophore triazinoindole-based-thiadiazole as potent Î±-glucosidase inhibitors: In vitro and in silico study. International Journal of Biological Macromolecules, 2022, 199, 77-85.	7.5	12
7	Arylation of halogenated thiophene carboxylate via Suzukiâ€“Miyaura reaction: Anti-bacterial study against clinically isolated extensively drug resistant Escherichia coli sequence type 405 and computational investigation. Arabian Journal of Chemistry, 2022, 15, 103662.	4.9	2
8	Antibacterial Effects of Flavonoids and Their Structure-Activity Relationship Study: A Comparative Interpretation. Molecules, 2022, 27, 1149.	3.8	102
9	Synthesis of Benzofuranâ€“based Schiff bases as anti-diabetic compounds and their molecular docking studies. Journal of Molecular Structure, 2022, 1265, 133287.	3.6	2
10	Facile Synthesis of Functionalized Phenoxy Quinolines: Antibacterial Activities against ESBL Producing Escherichia coli and MRSA, Docking Studies, and Structural Features Determination through Computational Approach. Molecules, 2022, 27, 3732.	3.8	4
11	In Vitro and In Silico Investigation of Diterpenoid Alkaloids Isolated from Delphinium chitralense. Molecules, 2022, 27, 4348.	3.8	3
12	Comparative conventional and microwave assisted synthesis of heterocyclic oxadiazole analogues having enzymatic inhibition potential. Journal of Heterocyclic Chemistry, 2021, 58, 93-110.	2.6	3
13	In vitro cytotoxicity and anti-inflammatory cytokinine activity study of three isolated novel compounds of Prismatomeris glabra. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 116.	0.6	2
14	An overview of phytochemical and biological activities: Ficus deltoidea Jack and other Ficus spp. Journal of Pharmacy and Bioallied Sciences, 2021, 13, 11.	0.6	13
15	Convergent synthesis of carbonic anhydrase inhibiting biâ€heterocyclic benzamides: Structureâ€“activity relationship and mechanistic explorations through enzyme inhibition, kinetics, and computational studies. Journal of Heterocyclic Chemistry, 2021, 58, 1089-1103.	2.6	2
16	Biological screening and docking studies of unique hybrids synthesized by conventional versus microwave assisted techniques. Tropical Journal of Pharmaceutical Research, 2021, 18, 1109-1117.	0.3	4
17	Synthesis of benzimidazole derivatives as potent inhibitors for Î±-amylase and their molecular docking study in management of type-II diabetes. Journal of Molecular Structure, 2021, 1232, 130029.	3.6	19
18	Synthesis, In Vitro Î±-Amylase Activity, and Molecular Docking Study of New Benzimidazole Derivatives. Russian Journal of Organic Chemistry, 2021, 57, 968-975.	0.8	29

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19	Palladium(0) Catalyzed Synthesis of (E)-4-Bromo-N-((3-bromothiophen-2-yl)methylene)-2-methylaniline Derivatives via Suzuki Cross-Coupling Reaction: An Exploration of Their Non-Linear Optical Properties, Reactivity and Structural Features. Molecules, 2021, 26, 5605.	3.8	3
20	Synthesis, in vitro antiurease, in vivo antinematodal activity of quinoline analogs and their in-silico study. Bioorganic Chemistry, 2021, 115, 105199.	4.1	7
21	Semicarbazones, thiosemicarbazone, thiazole and oxazole analogues as monoamine oxidase inhibitors: Synthesis, characterization, biological evaluation, molecular docking, and kinetic studies. Bioorganic Chemistry, 2021, 115, 105209.	4.1	11
22	Synthesis and biological evaluation of heterocyclic 1,2,4-triazole scaffolds as promising pharmacological agents. BMC Chemistry, 2021, 15, 5.	3.8	37
23	Synthesis, Kinetics, Binding Conformations and Structure-activity Relationship of Potent Tyrosinase Inhibitors: Aralkylated 2-aminothiazole-ethyltriazole Hybrids. Iranian Journal of Pharmaceutical Research, 2021, 20, 206-228.	0.5	0
24	Synthesis, spectral analysis and biological evaluation of 2-{[(morpholin-4-yl)ethyl]thio}-5-phenyl/aryl-1,3,4-oxadiazole derivatives. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 441-446.	0.2	0
25	Diazenyl schiff bases: Synthesis, spectral analysis, antimicrobial studies and cytotoxic activity on human colorectal carcinoma cell line (HCT-116). Arabian Journal of Chemistry, 2020, 13, 377-392.	4.9	30
26	Isolation and characterization of novel antibacterial compound from an untapped plant, Stereospermum fimbriatum. Natural Product Research, 2020, 34, 629-637.	1.8	8
27	Synthesis, in vitro alpha-glucosidase inhibitory potential of benzimidazole bearing bis-Schiff bases and their molecular docking study. Bioorganic Chemistry, 2020, 94, 103394.	4.1	51
28	Microwaveâ€assisted synthesis of triazole derivatives conjugated with piperidine as new antiâ€enzymatic agents. Journal of Heterocyclic Chemistry, 2020, 57, 1387-1402.	2.6	11
29	Synthesis, molecular docking, dynamic simulations, kinetic mechanism, cytotoxicity evaluation of		

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37	i-Propylammonium Lead Chloride Based Perovskite Photocatalysts for Depolymerization of Lignin Under UV Light. Molecules, 2020, 25, 3520.	3.8	12
38	Synthesis of Novel Bi-Heterocycles as Valuable Anti-Diabetic Agents: 2-({5-((2-Amino-1,3-Thiazol-4-yl)methyl)-1,3,4-Oxadiazol-2-yl}sulfanyl)-N-(Substituted)acetamides. Russian Journal of Bioorganic Chemistry, 2020, 46, 590-598.	1.0	3
39	Selective Arylation of 2-Bromo-4-chlorophenyl-2-bromobutanoate via a Pd-Catalyzed Suzuki Cross-Coupling Reaction and Its Electronic and Non-Linear Optical (NLO) Properties via DFT Studies. Molecules, 2020, 25, 3521.	3.8	9
40	Suzukiâ€“Miyaura Reactions of (4-bromophenyl)-4,6-dichloropyrimidine through Commercially Available Palladium Catalyst: Synthesis, Optimization and Their Structural Aspects Identification through Computational Studies. Processes, 2020, 8, 1342.	2.8	16
41	Convergent synthesis, <scp>free radical</scp> scavenging, <scp>Lineweaverâ€Burk</scp> plot exploration, hemolysis and in silico study of novel <scp>indoleâ€phenyltriazole</scp> hybrid bearing acetamides as potent urease inhibitors. Journal of Heterocyclic Chemistry, 2020, 57, 2955-2968.	2.6	6
42	Efficient synthesis of 2,3-diarylbenzo[b]thiophene molecules through palladium (0) Suzukiâ€“Miyaura cross-coupling reaction and their antithrombolyitc, biofilm inhibition, hemolytic potential and molecular docking studies. Medicinal Chemistry Research, 2020, 29, 1486-1496.	2.4	11
43	Synthesis of diindolylmethane (DIM) bearing thiadiazole derivatives as a potent urease inhibitor. Scientific Reports, 2020, 10, 7969.	3.3	13
44	Discovery of Dual Inhibitors of Acetyl and Butrylcholinesterase and Antiproliferative Activity of 1,2,4â€Triazoleâ€3â€thiol: Synthesis and In Silico Molecular Study. ChemistrySelect, 2020, 5, 6430-6439.	1.5	8
45	Durian waste mediated green synthesis of zinc oxide nanoparticles and evaluation of their antibacterial, antioxidant, cytotoxicity and photocatalytic activity. Green Chemistry Letters and Reviews, 2020, 13, 102-116.	4.7	42
46	Design, synthesis and computational studies of N-(substituted-phenyl)-4-(4-phenyl-1-piperazinyl)butanamides as potent anti-melanogenic and tyrosinase inhibitors. Journal of Molecular Structure, 2020, 1210, 127969.	3.6	11
47	Palladium and Copper Catalyzed Sonogashira cross Coupling an Excellent Methodology for C-C Bond Formation over 17 Years: A Review. Catalysts, 2020, 10, 443.	3.5	91
48	Bacterial Biofilm Inhibition, Hemolytic Activity, and Structureâ€“Activity Relationship of N-(2,3-Dihydro-1,4-Benzodioxin-6-yl)-4-Nitro-N-(Substituted-Benzyl)benzenesulfonamides. Russian Journal of Bioorganic Chemistry, 2020, 46, 223-234.	1.0	1
49	Assessment of Free radical scavenging and digestive enzyme inhibitory activities of extract, fractions and isolated compounds from Tetracera macrophylla leaves. Journal of Herbal Medicine, 2020, 22, 100351.	2.0	7
50	Synthesis of Bi-Heterocyclic Sulfonamides as Tyrosinase Inhibitors: Lineweaverâ€“Burk Plot Evaluation and Computational Ascriptions. Acta Chimica Slovenica, 2020, 67, 403-414.	0.6	4
51	Design, Synthesis, SAR Study, Antimicrobial and Anticancer Evaluation of Novel 2-Mercaptobenzimidazole Azomethine Derivatives. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1559-1571.	2.4	11
52	Cytotoxicity of Anchusa arvensis Against HepG-2 Cell Lines: Mechanistic and Computational Approaches. Current Topics in Medicinal Chemistry, 2020, 19, 2805-2813.	2.1	5
53	Novel Bi-heterocycles as Potent Inhibitors of Urease and Less Cytotoxic Agents: 3-({5-((2-Amino-1,3-thiazol-4-yl)methyl)-1,3,4-oxadiazol-2-yl}sulfanyl)--(un/substituted-phenyl)propanamides. Iranian Journal of Pharmaceutical Research, 2020, 19, 487-506.	0.5	2
54	Synthesis, Characterization, Antimicrobial and Anticancer Studies of Metal Complexes of 2-methoxy-4-((3-methylpyridin-2-ylimino)methyl)phenol. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1311-1317.	2.4	5

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55	Synthesis, Bacterial biofilm inhibition and cytotoxicity of new N-Alkyl/aralkyl-N-(2,3-dihydro-1,4-benzodioxin-6-yl)-4-nitrobenzenesulfonamides. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 41-47.	0.2	0
56	BSA Binding, molecular docking and in vitro biological screening of some new 1, 2, 4-triazole heterocycles bearing azinane nucleus. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 149-160.	0.2	0
57	Synthesis, characterization, antibacterial, hemolytic and thrombolytic activity evaluation of 5-(3-chlorophenyl)-2-((N-(substituted)-2-acetamoyl)sulfanyl)-1,3,4-oxadiazole derivatives. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 871-876.	0.2	1
58	Synthesis of some N-sulfonated derivatives of 1-[(E)-3-phenyl-2-propenyl]piperazine as suitable antibacterial agents. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 1609-1616.	0.2	0
59	REPORT - Synthesis of promising antibacterial and antifungal agents: 2-[[(4-Chlorophenyl)sulfonyl](2,3-dihydro-1,4-benzodioxin-6-yl)amino]-N-(un/substituted-phenyl)acetamides. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2161-2170.	0.2	0
60	Synthesis, Antioxidant and In-Silico Studies of Potent Urease Inhibitors: N-(4-{[(4-Methoxyphenethyl)-(substituted)amino]sulfonyl}phenyl)acetamides. Drug Research, 2019, 69, 111-120.	1.7	5
61	Green synthesis, characterization, antibacterial, antioxidant and photocatalytic activity of Parkia speciosa leaves extract mediated silver nanoparticles. Results in Physics, 2019, 15, 102565.	4.1	165
62	Molecular docking, synthesis and biological significance of pyrimidine analogues as prospective antimicrobial and antiproliferative agents. BMC Chemistry, 2019, 13, 85.	3.8	10
63	Synthesis of new arylhydrazide bearing Schiff bases/thiazolidinone: Î±-Amylase, urease activities and their molecular docking studies. Bioorganic Chemistry, 2019, 91, 103112.	4.1	33
64	In-silico molecular design of heterocyclic benzimidazole scaffolds as prospective anticancer agents. BMC Chemistry, 2019, 13, 90.	3.8	28
65	Designing of promising medicinal scaffolds for Alzheimerâ€™s disease through enzyme inhibition, lead optimization, molecular docking and dynamic simulation approaches. Bioorganic Chemistry, 2019, 91, 103138.	4.1	12
66	Computational approaches: discovery of GTPase HRas as prospective drug target for 1,3-diazine scaffolds. BMC Chemistry, 2019, 13, 96.	3.8	5
67	Synthesis of new isoquinoline-base-oxadiazole derivatives as potent inhibitors of thymidine phosphorylase and molecular docking study. Scientific Reports, 2019, 9, 16015.	3.3	9
68	Synthesis and exploration of a novel chlorobenzylated 2-aminothiazole-phenyltriazole hybrid as migratory inhibitor of B16F10 in melanoma cells. Toxicology Reports, 2019, 6, 897-903.	3.3	1
69	Synthesis of new 2-{2,3-dihydro-1,4-benzodioxin-6-yl[(4-methylphenyl) sulfonyl]amino}-N-(un/substituted-phenyl)acetamides as Î±-glucosidase and acetylcholinesterase inhibitors and their in silico study. Brazilian Journal of Pharmaceutical Sciences, 2019, 55, .	1.2	2
70	Synthesis, molecular docking and biological potentials of new 2-(4-(2-chloroacetyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (piperazine 2019, 13, 113.	3.8	2
71	New triazinoindole bearing thiazole/oxazole analogues: Synthesis, Î±-amylase inhibitory potential and molecular docking study. Bioorganic Chemistry, 2019, 92, 103284.	4.1	38
72	Synthesis and structure-activity relationship of elastase inhibiting novel ethylated thiazole-triazole acetamide hybrids: Mechanistic insights through kinetics and computational contemplations. Bioorganic Chemistry, 2019, 86, 197-209.	4.1	18

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73	Synthesis and structure-activity relationship of tyrosinase inhibiting novel bi-heterocyclic acetamides: Mechanistic insights through enzyme inhibition, kinetics and computational studies. Bioorganic Chemistry, 2019, 86, 459-472.	4.1	24
74	4-(2-(1H-Benzo[d]imidazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamides: design, synthesis and biological evaluation. BMC Chemistry, 2019, 13, 12.	3.8	13
75	Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. Bioorganic Chemistry, 2019, 89, 102999.	4.1	8
76	Synthesis, in vitro urease inhibitory potential and molecular docking study of Benzimidazole analogues. Bioorganic Chemistry, 2019, 89, 103024.	4.1	45
77	Benzoic Acid Derivatives of Ifloga spicata (Forssk.) Sch.Bip. as Potential Anti-Leishmanial against Leishmania tropica. Processes, 2019, 7, 208.	2.8	13
78	Î²-Sitosterol from Ifloga spicata (Forssk.) Sch. Bip. as potential anti-leishmanial agent against leishmania tropica: Docking and molecular insights. Steroids, 2019, 148, 56-62.	1.8	35
79	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent Î²-Glucuronidase Inhibitors. Molecules, 2019, 24, 1528.	3.8	5
80	4-(4-Bromophenyl)-thiazol-2-amine derivatives: synthesis, biological activity and molecular docking study with ADME profile. BMC Chemistry, 2019, 13, 60.	3.8	21
81	Oxindole-based chalcones: synthesis and their activity against glycation of proteins. Medicinal Chemistry Research, 2019, 28, 900-906.	2.4	6
82	Synthesis, molecular modelling and biological significance of N-(4-(4-bromophenyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (thiazo BMC Chemistry, 2019, 13, 46.	3.8	8
83	Design, synthesis and biological profile of heterocyclic benzimidazole analogues as prospective antimicrobial and antiproliferative agents. BMC Chemistry, 2019, 13, 50.	3.8	26
84	Evaluation of the Enzyme Inhibitory and Antioxidant Activities of Entada spiralis Stem Bark and Isolation of the Active Constituents. Molecules, 2019, 24, 1006.	3.8	9
85	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. Molecules, 2019, 24, 1002.	3.8	9
86	Secnidazole-sulfonates: Synthesis, physical, electrochemical, antibacterial & antifungal characteristics. Journal of Molecular Structure, 2019, 1184, 569-575.	3.6	8
87	In Silico, Cytotoxic and Antioxidant Potential of Novel Ester, 3-hydroxyoctyl -5-trans-docosenoate Isolated from Anchusa arvensis (L.) M.Bieb. Against HepG-2 Cancer Cells . Drug Design, Development and Therapy, 2019, Volume 13, 4195-4205.	4.3	14
88	Biâ€heterocyclic benzamides as alkaline phosphatase inhibitors: Mechanistic comprehensions through kinetics and computational approaches. Archiv Der Pharmazie, 2019, 352, e1800278.	4.1	7
89	Synthesis of novel N-(1,3-thiazol-2-yl)benzamide clubbed oxadiazole scaffolds: Urease inhibition, Lipinski rule and molecular docking analyses. Bioorganic Chemistry, 2019, 83, 63-75.	4.1	26
90	Synthesis of 3,4,5-trihydroxybenzohydrazone and evaluation of their urease inhibition potential. Arabian Journal of Chemistry, 2019, 12, 2973-2982.	4.9	20

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91	Antiglycation and antioxidant potential of novel imidazo[4,5-b]pyridine benzohydrazones. Arabian Journal of Chemistry, 2019, 12, 3118-3128.	4.9	19
92	A new sulphated flavone and other phytoconstituents from the leaves of Tetracera indica Merr. and their alpha-glucosidase inhibitory activity. Natural Product Research, 2019, 33, 1-8.	1.8	61
93	Design, Synthesis and Biological Potential of 5-(2-Amino-6-(3/4-bromophenyl)pyrimidin-4-yl)benzene-1,3-diol Scaffolds as Promising Antimicrobial and Anticancer Agents. Mini-Reviews in Medicinal Chemistry, 2019, 19, 851-864.	2.4	5
94	2-Mercaptobenzimidazole Schiff Bases: Design, Synthesis, Antimicrobial Studies and Anticancer Activity on HCT-116 Cell Line. Mini-Reviews in Medicinal Chemistry, 2019, 19, 1080-1092.	2.4	21
95	Design, Synthesis and Therapeutic Potential of Some 6, 6'-(1,4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (phenylene)bis(4- 2019, 19, 609-621.	2.4	2
96	Structure-activity relationship and in silico study of unique bi-heterocycles: 5-[(2-amino-1,3-thiazol-4-yl)methyl]-1,3,4-oxadiazole-2-thiol derivatives. Journal of the Serbian Chemical Society, 2019, 84, 649-661.	0.8	4
97	Synthesis and structure-activity relationship of 1-[(E)-3-phenyl-2-propenyl] piperazine derivatives as suitable antibacterial agents with mild hemolysis. Scientia Iranica, 2019, .	0.4	1
98	Î±-Glucosidase Inhibition and Docking Studies of 5-Deoxyflavonols and Dihydroflavonols Isolated from Abutilon pakistanicum. Current Organic Chemistry, 2019, 23, 1857-1866.	1.6	1
99	Synthesis of some new N-(alkyl/aralkyl)-N-(2,3-dihydro-1,4-benzodioxan-6-yl)-4-chlorobenzenesulfonamides as possible therapeutic agents for Alzheimer's disease and Type-2 Diabetes. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 61-68.	0.2	1
100	Synthesis, spectral analysis and biological evaluation of sulfamoyl and 1,3,4-oxadiazole derivatives of 3-pipecoline. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 987-996.	0.2	0
101	Synthesis of new S-substituted derivatives of 5-[3-(1H-indol-3-yl)propyl]-1,3,4-oxadiazol-2-ylhydrosulfide as suitable antibacterial and anticancer agents with moderate cytotoxicity. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 2585-2597.	0.2	0
102	Î±-Glucosidase inhibitory potential and hemolytic evaluation of newly synthesized 3,4,5-trisubstituted-1,2,4-triazole derivatives. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 2651-2658.	0.2	0
103	Synthesis, molecular docking study and thymidine phosphorylase inhibitory activity of 3-formylcoumarin derivatives. Bioorganic Chemistry, 2018, 78, 17-23.	4.1	15
104	Synthesis, molecular docking study and in vitro thymidine phosphorylase inhibitory potential of oxadiazole derivatives. Bioorganic Chemistry, 2018, 78, 58-67.	4.1	33
105	Phytoconstituents from Vernonia glaberrima Welw. Ex O. Hoffm. leaves and their cytotoxic activities on a panel of human cancer cell lines. South African Journal of Botany, 2018, 116, 16-24.	2.5	9
106	Norditerpenoid alkaloids of Delphinium denudatum as cholinesterase inhibitors. Bioorganic Chemistry, 2018, 78, 427-435.	4.1	29
107	Synthesis, Î±-glucosidase inhibition and molecular docking study of coumarin based derivatives. Bioorganic Chemistry, 2018, 77, 586-592.	4.1	88
108	Selective dual cholinesterase inhibitors from Aconitum laeve. Journal of Asian Natural Products Research, 2018, 20, 172-181.	1.4	20

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109	Protective effects of Nigella sativa L. seed extract on lead induced neurotoxicity during development and early life in mouse models. Toxicology Research, 2018, 7, 32-40.	2.1	20
110	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of benzimidazole derivatives. Egyptian Journal of Basic and Applied Sciences, 2018, 5, 100-109.	0.6	33
111	Synthesis of acetamide derivatives of 1,2,4-triazole bearing azinane and their binding interactions with bovine serum albumin using spectroscopic techniques. Turkish Journal of Chemistry, 2018, 42, 1459-1478.	1.2	2
112	Synthesis of new heterocyclic 3-piperidinyl-1,3,4-oxadiazole derivatives as potential drug candidate for the treatment of Alzheimerâ€™s disease. Cogent Chemistry, 2018, 4, 1472197.	2.5	10
113	N-(5-Methyl-1,3-Thiazol-2-yl)-2-{[5-((Un)Substituted- Phenyl)1,3,4-Oxadiazol-2-yl]Sulfanyl}acetamides. Unique Biheterocycles as Promising Therapeutic Agents. Russian Journal of Bioorganic Chemistry, 2018, 44, 801-811.	1.0	4
114	Synthesis, biological evaluation and corrosion inhibition studies of transition metal complexes of Schiff base. Chemistry Central Journal, 2018, 12, 117.	2.6	19
115	Design, synthesis and therapeutic potential of 3-(2-(1H-benzo[d]imidazol-2-ylthio)acetamido)-N-(substituted phenyl)benzamide analogues. Chemistry Central Journal, 2018, 12, 139.	2.6	17
116	Design, synthesis and biological evaluation of 3-(2-aminooxazol-5-yl)-2H-chromen-2-one derivatives. Chemistry Central Journal, 2018, 12, 130.	2.6	12
117	Synthesis and biological profile of substituted benzimidazoles. Chemistry Central Journal, 2018, 12, 125.	2.6	5
118	Exploration of synthetic multifunctional amides as new therapeutic agents for Alzheimer's disease through enzyme inhibition, chemoinformatic properties, molecular docking and dynamic simulation insights. Journal of Theoretical Biology, 2018, 458, 169-183.	1.7	18
119	Synthesis of 3-[4-(2-furoyl)-1-piperazinyl]-N- (substituted)propanamides as promising antibacterial agents with mild cytotoxicity. Tropical Journal of Pharmaceutical Research, 2018, 17, 1397.	0.3	1
120	Antiradical and Xanthine Oxidase Inhibitory Activity Evaluations of Averrhoa bilimbi L. Leaves and Tentative Identification of Bioactive Constituents through LC-QTOF-MS/MS and Molecular Docking Approach. Antioxidants, 2018, 7, 137.	5.1	7
121	Reverse pharmacophore mapping and molecular docking studies for discovery of GTPase HRas as promising drug target for bis-pyrimidine derivatives. Chemistry Central Journal, 2018, 12, 106.	2.6	19
122	Benzoxazole derivatives: design, synthesis and biological evaluation. Chemistry Central Journal, 2018, 12, 92.	2.6	52
123	Design, synthesis and biological potential of heterocyclic benzoxazole scaffolds as promising antimicrobial and anticancer agents. Chemistry Central Journal, 2018, 12, 96.	2.6	21
124	2-Furoic piperazide derivatives as promising drug candidates of type 2 diabetes and Alzheimerâ€™s diseases: In vitro and in silico studies. Computational Biology and Chemistry, 2018, 77, 72-86.	2.3	6
125	Synthesis of 2-{[5-(aralkyl/aryl)-1,3,4-oxadiazol-2- yl]sulfanyl}-N-(4-methyl-1,3-thiazol-2-yl)acetamides: Novel bi-heterocycles as potential therapeutic agents. Tropical Journal of Pharmaceutical Research, 2018, 17, 913.	0.3	1
126	Synthesis, SAR elucidations and molecular docking study of newly designed isatin based oxadiazole analogs as potent inhibitors of thymidine phosphorylase. Bioorganic Chemistry, 2018, 79, 323-333.	4.1	20

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127	Synthesis and Structural Analysis of Persuasive Antibacterial Agents and Enzyme Inhibitors Derived from 5-(1-(4-Tosyl)piperidin-4-yl)-1,3,4-oxadiazol-2-thiol. Asian Journal of Chemistry, 2018, 30, 260-264.	0.3	0
128	Design, Synthesis and Docking Studies of Flavokawain B Type Chalcones and Their Cytotoxic Effects on MCF-7 and MDA-MB-231 Cell Lines. Molecules, 2018, 23, 616.	3.8	23
129	Synthesis of some new propanamide derivatives bearing 4- piperidinyl-1,3,4-oxadiazole, and their evaluation as promising anticancer agents. Tropical Journal of Pharmaceutical Research, 2018, 17, 1145.	0.3	2
130	Novel indole based hybrid oxadiazole scaffolds with N-(substituted-phenyl)butanamides: synthesis, lineweaverâ€“burk plot evaluation and binding analysis of potent urease inhibitors. RSC Advances, 2018, 8, 25920-25931.	3.6	15
131	Compounds with 1,3,4-oxadiazole and azinane appendages to evaluate enzymes inhibition applications supported by docking and BSA binding. Cogent Chemistry, 2018, 4, 1441597.	2.5	4
132	Neuroprotective effects ofFoeniculum vulgareseeds extract on lead-induced neurotoxicity in mice brain. Drug and Chemical Toxicology, 2018, 41, 399-407.	2.3	21
133	Design, synthesis and cytotoxic effects of curcuminoids on HeLa, K562, MCF-7 and MDA-MB-231 cancer cell lines. Chemistry Central Journal, 2018, 12, 31.	2.6	25
134	Design, synthesis, antimicrobial and cytotoxicity study on human colorectal carcinoma cell line of new 4,4â€²-(1,4-phenylene)bis(pyrimidin-2-amine) derivatives. Chemistry Central Journal, 2018, 12, 73.	2.6	11
135	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of 2-(1-benzoyl-1H-benzo[d]imidazol-2-ylthio)-N-substituted acetamides. Chemistry Central Journal, 2018, 12, 66.	2.6	23
136	Synthesis, in vitro and in silico studies of novel potent urease inhibitors: N -[4-({5-[(3-Un/substituted-anilino-3-oxopropyl)sulfanyl]-1,3,4-oxadiazol-2-yl}methyl)-1,3-thiazol-2-yl]benzamides. Bioorganic and Medicinal Chemistry, 2018, 26, 3791-3804.	3.0	17
137	S -substituted derivatives of 1,2,4-triazol-3-thiol as new drug candidates for type II diabetes. Turkish Journal of Chemistry, 2018, 42, .	1.2	1
138	Syzygium aromaticum ethanol extract reduces AlCl₃-induced neurotoxicity in mice brain through regulation of amyloid precursor protein and oxidative stress gene expression. Asian Pacific Journal of Tropical Medicine, 2018, 11, 123.	0.8	5
139	Synthesis, enzyme inhibitory kinetics mechanism and computational study ofN-(4-methoxyphenethyl)-N-(substituted)-4-methylbenzenesulfonamides as novel therapeutic agents for Alzheimerâ€™s disease. PeerJ, 2018, 6, e4962.	2.0	9
140	Synthesis of some new 2-[4-(2-furoyl)-1-piperazinyl]-N-aryl/aralkyl acetamides as potent antibacterial agents. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 857-866.	0.2	0
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