Syed Adnan Ali Shah

List of Publications by Year
in descending order

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Version: 2024-02-01

213	3,422	172386	223716
papers	citations	29	46
		h-index	g-index

224	224	224	4092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green synthesis of silver nanoparticles using Atrocarpus altilis leaf extract and the study of their antimicrobial and antioxidant activity. Materials Letters, 2016, 180, 264-267.	1.3	192
2	Green synthesis, characterization, antibacterial, antioxidant and photocatalytic activity of Parkia speciosa leaves extract mediated silver nanoparticles. Results in Physics, 2019, 15, 102565.	2.0	165
3	Antibacterial Effects of Flavonoids and Their Structure-Activity Relationship Study: A Comparative Interpretation. Molecules, 2022, 27, 1149.	1.7	102
4	Palladium and Copper Catalyzed Sonogashira cross Coupling an Excellent Methodology for C-C Bond Formation over 17 Years: A Review. Catalysts, 2020, 10, 443.	1.6	91
5	Synthesis, Î±-glucosidase inhibition and molecular docking study of coumarin based derivatives. Bioorganic Chemistry, 2018, 77, 586-592.	2.0	88
6	Synthesis of novel derivatives of oxindole, their urease inhibition and molecular docking studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3285-3289.	1.0	79
7	Alpha-glucosidase and tyrosinase inhibitors from fungal hydroxylation of tibolone and hydroxytibolones. Steroids, 2010, 75, 956-966.	0.8	67
8	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.	1.0	61
9	Phytochemical and Cytotoxic Investigations of Curcuma mangga Rhizomes. Molecules, 2011, 16, 4539-4548.	1.7	60
10	Antioxidant and anticholinesterase potential of diterpenoid alkaloids from Aconitum heterophyllum. Bioorganic and Medicinal Chemistry, 2017, 25, 3368-3376.	1.4	55
11	New class of acetylcholinesterase inhibitors from the stem bark of Knema laurina and their structural insights. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4097-4103.	1.0	53
12	Benzoxazole derivatives: design, synthesis and biological evaluation. Chemistry Central Journal, 2018, 12, 92.	2.6	52
13	Structure and dynamics of the hydrated palladium(II) ion in aqueous solution A QMCF MD simulation and EXAFS spectroscopic study. Chemical Physics Letters, 2007, 445, 193-197.	1.2	51
14	Synthesis, in vitro alpha-glucosidase inhibitory potential of benzimidazole bearing bis-Schiff bases and their molecular docking study. Bioorganic Chemistry, 2020, 94, 103394.	2.0	51
15	Synthesis, in vitro urease inhibitory potential and molecular docking study of Benzimidazole analogues. Bioorganic Chemistry, 2019, 89, 103024.	2.0	45
16	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.	2.1	42
17	Biotransformation of Physalin H and Leishmanicidal Activity of Its Transformed Products. Chemical and Pharmaceutical Bulletin, 2006, 54, 927-930.	0.6	40
18	Antioxidant Activity of Hispidin Oligomers from Medicinal Fungi: A DFT Study. Molecules, 2014, 19, 3489-3507.	1.7	40

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19	Phenoxyacetohydrazide Schiff Bases: Î²-Glucuronidase Inhibitors. Molecules, 2014, 19, 8788-8802.	1.7	39
20	Microbial-Catalyzed Biotransformation of Multifunctional Triterpenoids Derived from Phytonutrients. International Journal of Molecular Sciences, 2014, 15, 12027-12060.	1.8	38
21	New triazinoindole bearing thiazole/oxazole analogues: Synthesis, Î±-amylase inhibitory potential and molecular docking study. Bioorganic Chemistry, 2019, 92, 103284.	2.0	38
22	Protective effects of total alkaloidal extract from Murraya koenigii leaves on experimentally induced dementia. Food and Chemical Toxicology, 2012, 50, 1036-1044.	1.8	37
23	Synthesis and biological evaluation of heterocyclic 1,2,4-triazole scaffolds as promising pharmacological agents. BMC Chemistry, 2021, 15, 5.	1.6	37
24	Design and synthesis of chalcone derivatives as potent tyrosinase inhibitors and their structural activity relationship. Journal of Molecular Structure, 2015, 1085, 97-103.	1.8	35
25	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.	0.8	35
26	Synthesis, molecular docking study and in vitro thymidine phosphorylase inhibitory potential of oxadiazole derivatives. Bioorganic Chemistry, 2018, 78, 58-67.	2.0	33
27	Synthesis and evaluation of antimicrobial, antitubercular and anticancer activities of benzimidazole derivatives. Egyptian Journal of Basic and Applied Sciences, 2018, 5, 100-109.	0.2	33
28	Synthesis of new arylhydrazide bearing Schiff bases/thiazolidinone: Î±-Amylase, urease activities and their molecular docking studies. Bioorganic Chemistry, 2019, 91, 103112.	2.0	33
29	Synthesis, in vitro urease inhibitory potential and molecular docking study of benzofuran-based-thiazoldinone analogues. Scientific Reports, 2020, 10, 10673.	1.6	33
30	Microbial Transformation of Dehydroepiandrosterone. Natural Product Research, 2003, 17, 215-220.	1.0	31
31	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.	2.3	30
32	Norditerpenoid alkaloids of Delphinium denudatum as cholinesterase inhibitors. Bioorganic Chemistry, 2018, 78, 427-435.	2.0	29
33	Synthesis, In Vitro Î±-Amylase Activity, and Molecular Docking Study of New Benzimidazole Derivatives. Russian Journal of Organic Chemistry, 2021, 57, 968-975.	0.3	29
34	In-silico molecular design of heterocyclic benzimidazole scaffolds as prospective anticancer agents. BMC Chemistry, 2019, 13, 90.	1.6	28
35	Microbial Hydroxylation of Pregnenolone Derivatives. Chemical and Pharmaceutical Bulletin, 2005, 53, 1455-1459.	0.6	27
36	Design, synthesis and biological profile of heterocyclic benzimidazole analogues as prospective antimicrobial and antiproliferative agents. BMC Chemistry, 2019, 13, 50.	1.6	26

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37	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.	2.0	26
38	Fungal Metabolites of (E)-Guggulsterone and Their Antibacterial and Radical-Scavenging Activities. Chemistry and Biodiversity, 2005, 2, 516-524.	1.0	25
39	Synthesis, molecular docking and biological evaluation of bis-pyrimidine Schiff base derivatives. Chemistry Central Journal, 2017, 11, 89.	2.6	25
40	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
41	Isatin based thiosemicarbazide derivatives as potential inhibitor of Î±-glucosidase, synthesis and their molecular docking study. Journal of Molecular Structure, 2020, 1222, 128922.	1.8	25
42	Synthesis and in vitro study of benzofuran hydrazone derivatives as novel alpha-amylase inhibitor. Bioorganic Chemistry, 2017, 75, 78-85.	2.0	24
43	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.	2.0	24
44	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.	1.7	23
45	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
46	Synthesis of Benzimidazoleâ€“Based Analogs as Anti Alzheimerâ€™s Disease Compounds and Their Molecular Docking Studies. Molecules, 2020, 25, 4828.	1.7	23
47	Microbial transformation of oleanolic acid byFusarium liniandÎ±-glucosidase inhibitory activity of its transformed products. Natural Product Research, 2008, 22, 489-494.	1.0	22
48	Molecular docking studies of potent inhibitors of tyrosinase and Î±-glucosidase. Medicinal Chemistry Research, 2012, 21, 1677-1683.	1.1	22
49	Synthesis, characterization, biological evaluation and molecular docking studies of 2-(1H-benzo[d]imidazol-2-ylthio)-N-(substituted 4-oxothiazolidin-3-yl) acetamides. Chemistry Central Journal, 2017, 11, 137.	2.6	22
50	Science at the interface of chemistry and biology: Discoveries of Î±-glucosidase inhibitors and antiglycation agents. Pure and Applied Chemistry, 2007, 79, 2263-2268.	0.9	21
51	Design, synthesis and biological potential of heterocyclic benzoxazole scaffolds as promising antimicrobial and anticancer agents. Chemistry Central Journal, 2018, 12, 96.	2.6	21
52	Neuroprotective effects ofFoeniculum vulgareseeds extract on lead-induced neurotoxicity in mice brain. Drug and Chemical Toxicology, 2018, 41, 399-407.	1.2	21
53	4-(4-Bromophenyl)-thiazol-2-amine derivatives: synthesis, biological activity and molecular docking study with ADME profile. BMC Chemistry, 2019, 13, 60.	1.6	21
54	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.	1.1	21

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55	Selective dual cholinesterase inhibitors from Aconitum laeve. Journal of Asian Natural Products Research, 2018, 20, 172-181.	0.7	20
56	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.	0.9	20
57	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.	2.0	20
58	Synthesis of 3,4,5-trihydroxybenzohydrazone and evaluation of their urease inhibition potential. Arabian Journal of Chemistry, 2019, 12, 2973-2982.	2.3	20
59	Synthesis, biological evaluation and corrosion inhibition studies of transition metal complexes of Schiff base. Chemistry Central Journal, 2018, 12, 117.	2.6	19
60	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
61	Antiglycation and antioxidant potential of novel imidazo[4,5-b]pyridine benzohydrazones. Arabian Journal of Chemistry, 2019, 12, 3118-3128.	2.3	19
62	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.	1.8	19
63	Biotransformation of 17Î±-ethynyl substituted steroidal drugs with microbial and plant cell cultures: A review. Steroids, 2013, 78, 1312-1324.	0.8	18
64	Morpholine hydrazone scaffold: Synthesis, anticancer activity and docking studies. Chinese Chemical Letters, 2017, 28, 607-611.	4.8	18
65	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.	0.8	18
66	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.	2.0	18
67	A QM/MM MD simulation study of hydrated Pd2+. Chemical Physics Letters, 2006, 426, 301-305.	1.2	17
68	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
69	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.	1.4	17
70	Neuroprotective effect from stem bark extracts ofKnema laurinaagainst H₂O₂- and AÎ²_{1â€“42}-induced cell death in human SH-SY5Y cells. Natural Product Research, 2015, 29, 1571-1574.	1.0	16
71	Catalytic Removal of Alizarin Red Using Chromium Manganese Oxide Nanorods: Degradation and Kinetic Studies. Catalysts, 2020, 10, 1150.	1.6	16
72	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.	1.3	16

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73	Synthesis, molecular docking study and thymidine phosphorylase inhibitory activity of 3-formylcoumarin derivatives. Bioorganic Chemistry, 2018, 78, 17-23.	2.0	15
74	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.	1.7	15
75	Synthesis, molecular docking, dynamic simulations, kinetic mechanism, cytotoxicity evaluation of		

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91	Bis-pyrimidine acetamides: design, synthesis and biological evaluation. Chemistry Central Journal, 2017, 11, 80.	2.6	11
92	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
93	Microwaveâ€assisted synthesis of triazole derivatives conjugated with piperidine as new antiâ€enzymatic agents. Journal of Heterocyclic Chemistry, 2020, 57, 1387-1402.	1.4	11
94	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.	1.1	11
95	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.	1.8	11
96	Semicarbazones, thiosemicarbazone, thiazole and oxazole analogues as monoamine oxidase inhibitors: Synthesis, characterization, biological evaluation, molecular docking, and kinetic studies. Bioorganic Chemistry, 2021, 115, 105209.	2.0	11
97	Design, Synthesis, SAR Study, Antimicrobial and Anticancer Evaluation of Novel 2-Mercaptobenzimidazole Azomethine Derivatives. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1559-1571.	1.1	11
98	Structure and Absolute Configuration of 20Î²-Hydroxyprednisolone, a Biotransformed Product of Prednisolone by the Marine Endophytic Fungus Penicilium lapidosum. Molecules, 2014, 19, 13775-13787.	1.7	10
99	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
100	Molecular docking, synthesis and biological significance of pyrimidine analogues as prospective antimicrobial and antiproliferative agents. BMC Chemistry, 2019, 13, 85.	1.6	10
101	Synthesis, anti-diabetic and in silico QSAR analysis of flavone hydrazide Schiff base derivatives. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12723-12738.	2.0	10
102	Synthesis of Functionalized Thiophene Based Pyrazole Amides via Various Catalytic Approaches: Structural Features through Computational Applications and Nonlinear Optical Properties. Molecules, 2022, 27, 360.	1.7	10
103	Microbial oxidation of anabolic steroids. Natural Product Research, 2008, 22, 1289-1296.	1.0	9
104	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.	1.2	9
105	Synthesis of new isoquinoline-base-oxadiazole derivatives as potent inhibitors of thymidine phosphorylase and molecular docking study. Scientific Reports, 2019, 9, 16015.	1.6	9
106	Evaluation of the Enzyme Inhibitory and Antioxidant Activities of Entada spiralis Stem Bark and Isolation of the Active Constituents. Molecules, 2019, 24, 1006.	1.7	9
107	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. Molecules, 2019, 24, 1002.	1.7	9
108	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.	1.7	9

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109	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.	0.9	9
110	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.	2.0	9
111	Synthesis and SAR Study of Prenylated Xanthone Analogues as HeLa and MDA-MB-231 Cancer Cell Inhibitors. Letters in Drug Design and Discovery, 2011, 8, 523-528.	0.4	8
112	Biotransformation of tissue-specific hormone tibolone with fungal culture Trichothecium roseum. Journal of Molecular Structure, 2013, 1042, 118-122.	1.8	8
113	Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. Bioorganic Chemistry, 2019, 89, 102999.	2.0	8
114	Synthesis, molecular modelling and biological significance of N-(4-(4-bromophenyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (thiazo BMC Chemistry, 2019, 13, 46.	1.6	8
115	Secnidazole-sulfonates: Synthesis, physical, electrochemical, antibacterial & antifungal characteristics. Journal of Molecular Structure, 2019, 1184, 569-575.	1.8	8
116	Isolation and characterization of novel antibacterial compound from an untapped plant, Stereospermum fimbriatum. Natural Product Research, 2020, 34, 629-637.	1.0	8
117	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.	0.7	8
118	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.	2.2	7
119	Biâ€heterocyclic benzamides as alkaline phosphatase inhibitors: Mechanistic comprehensions through kinetics and computational approaches. Archiv Der Pharmazie, 2019, 352, e1800278.	2.1	7
120	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.	1.0	7
121	Synthesis, in vitro antiurease, in vivo antinematodal activity of quinoline analogs and their in-silico study. Bioorganic Chemistry, 2021, 115, 105199.	2.0	7
122	Î±-Glucosidase activity of oleanolic acid and its oxidative metabolites: DFT and Docking studies. Mini-Reviews in Medicinal Chemistry, 2015, 15, 1148-1158.	1.1	7
123	Synthesis of N-substituted acetamide derivatives of azinane-bearing 1,3,4-oxadiazole nucleus and screening for antibacterial activity. Tropical Journal of Pharmaceutical Research, 2017, 16, 429.	0.2	6
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.	1.1	6
125	Oxindole-based chalcones: synthesis and their activity against glycation of proteins. Medicinal Chemistry Research, 2019, 28, 900-906.	1.1	6
126	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.	1.4	6

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127	Microbial Transformation of Bioactive Anthraquinones ? A Review. Biosciences, Biotechnology Research Asia, 2013, 10, 577-582.	0.2	6
128	Solute Solvent Interactions of Polyvinyl Pyrrolidone Wrapped Single Walled Carbon Nanotubes (PVP-SWNTs) in Water by Viscometric Studies. Oriental Journal of Chemistry, 2013, 29, 539-544.	0.1	6
129	Antiplatelet Aggregation Activity of 5-Hydroxyflavone, 2Â'- Hydroxyflavanone, Paeonol and Bergenin Isolated from Stem Bark of Garcinia malaccensis in Human Whole Blood. Oriental Journal of Chemistry, 2013, 29, 871-875.	0.1	6
130	Nâ€²-[(E)-2-Hydroxy-5-methoxybenzylidene]-2-methoxybenzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3255-o3255.	0.2	5
131	Synthesis, Characterization, Antibacterial, Î±-Glucosidase Inhibition and Hemolytic Studies on Some New N-(2,3- Dimethylphenyl)benzenesulfonamide Derivatives. Tropical Journal of Pharmaceutical Research, 2016, 15, 591.	0.2	5
132	Synthesis of some new N-substituted-N-(2,3-Dihydro-[1,4]benzodioxin-6-yl)-4-acetamidobenzenesulfonamides as valuable antibacterial agents. Russian Journal of Bioorganic Chemistry, 2016, 42, 198-209.	0.3	5
133	Synthesis and biological profile of substituted benzimidazoles. Chemistry Central Journal, 2018, 12, 125.	2.6	5
134	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.	0.7	5
135	Computational approaches: discovery of GTPase HRas as prospective drug target for 1,3-diazine scaffolds. BMC Chemistry, 2019, 13, 96.	1.6	5
136	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent Î²-Glucuronidase Inhibitors. Molecules, 2019, 24, 1528.	1.7	5
137	(E)-2-Methoxy-Nâ€²-(2,4,6-trihydroxybenzylidene)benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o277-o277.	0.2	5
138	Synthesis of Some Unique Carbamate Derivatives bearing 2-Furoyl-1-piperazine as Valuable Therapeutic Agents. Acta Chimica Slovenica, 2017, 64, 159-169.	0.2	5
139	Pharmacological Effects of Turmeric on Learning, Memory and Expression of Muscarinic Receptor Genes (M1, M3 and M5) in Stress-induced Mouse Model. Current Drug Targets, 2017, 18, 1545-1557.	1.0	5
140	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.	1.1	5
141	Cytotoxicity of Anchusa arvensis Against HepG-2 Cell Lines: Mechanistic and Computational Approaches. Current Topics in Medicinal Chemistry, 2020, 19, 2805-2813.	1.0	5
142	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.	0.4	5
143	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.	1.1	5
144	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.	2.3	5

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145	Nâ€²-[(E)-2,3-Dihydroxybenzylidene]-2-methoxybenzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3256-o3256.	0.2	4
146	Acyclovir-Polyethylene Glycol 6000 Binary Dispersions: Mechanistic Insights. AAPS PharmSciTech, 2017, 18, 2085-2094.	1.5	4
147	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.	0.3	4
148	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
149	Biological screening and docking studies of unique hybrids synthesized by conventional versus microwave assisted techniques. Tropical Journal of Pharmaceutical Research, 2021, 18, 1109-1117.	0.2	4
150	Synthesis of Bi-Heterocyclic Sulfonamides as Tyrosinase Inhibitors: Lineweaverâ€“Burk Plot Evaluation and Computational Ascriptions. Acta Chimica Slovenica, 2020, 67, 403-414.	0.2	4
151	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.	0.4	4
152	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.	1.7	4
153	Prenylated Xanthone and Rubraxanthone with Antiplatelet Aggregation Activity in Human Whole Blood Isolated from Garcinia griffithii. Oriental Journal of Chemistry, 2013, 29, 1291-1295.	0.1	3
154	(E)-3-Chloro-Nâ€²-(2-fluorobenzylidene)thiophene-2-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o751-o751.	0.2	3
155	DETERMINATION OF 10-GINGEROL IN INDIAN GINGER BY VALIDATED HPTLC METHOD OF SAMPLES COLLECTED ACROSS SUBCONTINENT OF INDIA. International Journal of Pharmacy and Pharmaceutical Sciences, 2016, 8, 190.	0.3	3
156	Synthesis of a series of new 6-nitrobenzofuran-2-carbohydrazide derivatives with cytotoxic and antioxidant activity. New Horizons in Translational Medicine, 2017, 4, 23-30.	1.0	3
157	MICROBIAL OXIDATION OF FINASTERIDE WITH MACROPHOMINA PHASEOLINA(KUCC 730). International Journal of Pharmacy and Pharmaceutical Sciences, 2017, 9, 17.	0.3	3
158	Design, synthesis, and spasmolytic activity of thiophene-based derivatives via Suzuki cross-coupling reaction of 5-bromothiophene-2-carboxylic acid: their structural and computational studies. Turkish Journal of Chemistry, 2020, 44, 1410-1422.	0.5	3
159	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.	0.3	3
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161	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.	1.7	3
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