

# Sobhi M Gomha

## List of Publications by Year in descending order

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190  
papers

4,678  
citations

81839

39  
h-index

168321

53  
g-index

198  
all docs

198  
docs citations

198  
times ranked

2325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Anticancer Activities of Thiazoles, 1,3-Thiazines, and Thiazolidine Using Chitosan-Grafted-Poly(vinylpyridine) as Basic Catalyst. <i>Heterocycles</i> , 2015, 91, 1227.	0.4	232
2	Synthesis, characterization, and pharmacological evaluation of some novel thiadiazoles and thiazoles incorporating pyrazole moiety as anticancer agents. <i>Monatshefte für Chemie</i> , 2015, 146, 149-158.	0.9	117
3	A Convenient Ultrasound-Promoted Synthesis of Some New Thiazole Derivatives Bearing a Coumarin Nucleus and Their Cytotoxic Activity. <i>Molecules</i> , 2012, 17, 9335-9347.	1.7	97
4	Synthesis and anticancer activity of arylthiazoles and 1,3,4-thiadiazoles using chitosan-grafted-poly(4-vinylpyridine) as a novel copolymer basic catalyst. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 1030-1038.	0.6	82
5	Synthesis and Characterization of Some New Bis-Pyrazolyl-Thiazoles Incorporating the Thiophene Moiety as Potent Anti-Tumor Agents. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1499.	1.8	77
6	Synthesis under Microwave Irradiation of [1,2,4]Triazolo[3,4-b] [1,3,4]thiadiazoles and Other Diazoles Bearing Indole Moieties and Their Antimicrobial Evaluation. <i>Molecules</i> , 2011, 16, 8244-8256.	1.7	76
7	&lt;p&gt;One-Pot Synthesis of Novel Thiazoles as Potential Anti-Cancer Agents&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1363-1375.	2.0	74
8	Synthesis and Anti-cancer Activity of 1,3,4-thiadiazole and 1,3-thiazole Derivatives Having 1,3,4-oxadiazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1400-1405.	1.4	65
9	Synthetic Utility of Ethylidenethiosemicarbazide: Synthesis and Anticancer Activity of 1,3-Thiazines and Thiazoles with Imidazole Moiety. <i>Heterocycles</i> , 2013, 87, 341.	0.4	63
10	Recent developments in chemical reactivity of N,N-dimethylenamino ketones as synthons for various heterocycles. <i>RSC Advances</i> , 2017, 7, 14562-14610.	1.7	63
11	Synthesis and biological evaluation of new pyridines containing imidazole moiety as antimicrobial and anticancer agents. <i>Turkish Journal of Chemistry</i> , 2015, 39, 334-346.	0.5	59
12	Design, efficient synthesis and molecular docking of some novel thiazolyl-pyrazole derivatives as anticancer agents. <i>BMC Chemistry</i> , 2019, 13, 116.	1.6	59
13	One Pot Single Step Synthesis and Biological Evaluation of Some Novel Bis(1,3,4-thiadiazole) Derivatives as Potential Cytotoxic Agents. <i>Molecules</i> , 2016, 21, 1532.	1.7	58
14	Synthesis and Cytotoxicity Evaluation of Some Novel Thiazoles, Thiadiazoles, and Pyrido[2,3-d][1,2,4]triazolo[4,3-a]pyrimidin-5(1H)-ones Incorporating Triazole Moiety. <i>Molecules</i> , 2015, 20, 1357-1376.	1.7	57
15	Heterocyclisation of 2,5-diacetyl-3,4-disubstituted-thieno[2,3-b]Thiophene Bis-Thiosemicarbazones Leading to Bis-Thiazoles and Bis-1,3,4-thiadiazoles as Anti-breast Cancer Agents. <i>Journal of Chemical Research</i> , 2016, 40, 120-125.	0.6	55
16	Thiazole-Based Thiosemicarbazones: Synthesis, Cytotoxicity Evaluation and Molecular Docking Study. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 659-677.	2.0	55
17	Synthesis of New 3-Heteroarylindoles as Potential Anticancer Agents. <i>Molecules</i> , 2016, 21, 929.	1.7	54
18	Synthesis of New Heterocycles Derived from 3-(3-Methyl-1H-indol-2-yl)-3-oxopropanenitrile as Potent Antifungal Agents. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2985-2990.	1.0	54

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19	A facile one-pot synthesis of 6,7,8,9-tetrahydrobenzo[4,5]thieno[2,3-d]-1,2,4-triazolo[4,5-a]pyrimidin-5-ones. Monatshefte für Chemie, 2009, 140, 213-220.	0.9	53
20	Utility of 3-Acetyl-6-bromo-2H-chromen-2-one for the Synthesis of New Heterocycles as Potential Antiproliferative Agents. Molecules, 2015, 20, 21826-21839.	1.7	53
21	Clean Grinding Technique: A Facile Synthesis and In Silico Antiviral Activity of Hydrazones, Pyrazoles, and Pyrazines Bearing Thiazole Moiety against SARS-CoV-2 Main Protease (Mpro). Molecules, 2020, 25, 4565.	1.7	52
22	Synthesis and Antimicrobial Activity of Some New Pyrazoles, Fused Pyrazolo[3,4-d]-pyrimidine and 1,2-Dihydroimidazo-[2,1-c][1,2,4]triazin-6-one Derivatives. Molecules, 2011, 16, 6549-6560.	1.7	50
23	A Facile Green Synthesis and Anti-Cancer Activity of bis-Arylhydrazononitriles, Triazolo[5,1-c][1,2,4]triazine, and 1,3,4-Thiadiazolines. Heterocycles, 2013, 87, 1109.	0.4	49
24	Synthesis and Biological Evaluation of Some Novel Thiazole-Based Heterocycles as Potential Anticancer and Antimicrobial Agents. Molecules, 2019, 24, 539.	1.7	49
25	Synthesis of triazolo[4,3-b][1,2,4,5]tetrazines and triazolo[3,4-b][1,3,4]thiadiazines using chitosan as heterogeneous catalyst under microwave irradiation. Arkivoc, 2009, 2009, 58-68.	0.3	49
26	Solvent-Drop Grinding Method: Efficient Synthesis, DPPH Radical Scavenging and Anti-diabetic Activities of Chalcones, bis-chalcones, Azolines, and bis-azolines. Current Organic Synthesis, 2015, 12, 220-228.	0.7	48
27	One-Pot Synthesis of New Thiadiazolopyridines as Anticancer and Antioxidant Agents. Journal of Heterocyclic Chemistry, 2018, 55, 530-536.	1.4	47
28	Synthesis and evaluation of some novel thiazoles and 1,3-thiazines as potent agents against the rabies virus. Turkish Journal of Chemistry, 2016, 40, 441-453.	0.5	46
29	5-(Thiophen-2-yl)-1,3,4-thiadiazole derivatives: synthesis, molecular docking and in vitro cytotoxicity evaluation as potential anticancer agents. Drug Design, Development and Therapy, 2018, Volume 12, 1511-1523.	2.0	46
30	Green synthesis, molecular docking and anticancer activity of novel 1,4-dihydropyridine-3,5-Dicarbohydrazones under grind-stone chemistry. Green Chemistry Letters and Reviews, 2020, 13, 6-17.	2.1	46
31	A facile synthesis and anticancer activity of some novel thiazoles carrying 1,3,4-thiadiazole moiety. Chemistry Central Journal, 2017, 11, 25.	2.6	45
32	Multicomponent reactions for synthesis of bioactive polyheterocyclic ring systems under controlled microwave irradiation. Arabian Journal of Chemistry, 2014, 7, 623-629.	2.3	44
33	Novel anti-HIV-1 NNRTIs based on a pyrazolo[4,3-d]isoxazole backbone scaffold: design, synthesis and insights into the molecular basis of action. MedChemComm, 2014, 5, 1685-1692.	3.5	43
34	Novel 4-Heteroarylantipyridines as DPP-IV Inhibitors. Chemical Biology and Drug Design, 2015, 86, 1292-1303.	1.5	43
35	Synthesis, characterization and application of copper oxide chitosan nanocomposite for green regioselective synthesis of [1,2,3]triazoles. International Journal of Biological Macromolecules, 2019, 130, 928-937.	3.6	43
36	Microwave-assisted one pot three-component synthesis of some novel pyrazole scaffolds as potent anticancer agents. Chemistry Central Journal, 2017, 11, 37.	2.6	42

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37	Diphenylpyrroles: Novel p53 activators. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 472-479.	2.6	41
38	Synthesis and Antitumor Activity of 1,3,4-Thiadiazole Derivatives Bearing Coumarine Ring. <i>Heterocycles</i> , 2015, 91, 583.	0.4	40
39	Synthesis and Biological Activities of 7-Aryloxy-5,6-dihydro-1H-pyrazolo[5,1-c][1,2,4]triazol-6(5H)-ones and 7-Arylhydrazono-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazines. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 987-994.	0.8	39
40	Hydrazonoyl Halides as Precursors for New Fused Heterocycles of 5-Reductase Inhibitors. <i>Archiv Der Pharmazie</i> , 2012, 345, 117-122.	2.1	39
41	Enaminones as Building Blocks in Heterocyclic Preparations: Synthesis of Novel Pyrazoles, Pyrazolo[3,4-d]pyridazines, Pyrazolo[1,5-a]pyrimidines, Pyrido[2,3-d]pyrimidines Linked to Imidazo[2,1-b]thiazole System. <i>Heterocycles</i> , 2012, 85, 2291.	0.4	38
42	Ecofriendly one-pot synthesis and antiviral evaluation of novel pyrazolyl pyrazolines of medicinal interest. <i>Turkish Journal of Chemistry</i> , 2016, 40, 484-498.	0.5	36
43	Eco-Friendly Synthesis, Characterization and Biological Evaluation of Some Novel Pyrazolines Containing Thiazole Moiety as Potential Anticancer and Antimicrobial Agents. <i>Molecules</i> , 2018, 23, 2970.	1.7	36
44	Eco-friendly one-pot synthesis of some new pyrazolo[1,2-b]phthalazinediones with antiproliferative efficacy on human hepatic cancer cell lines. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 264-274.	2.1	36
45	3-Amino-8-hydroxy-4-imino-6-methyl-5-phenyl-4,5-dihydro-3H-chromeno [2,3-d]pyrimidine: An Efficient Key Precursor for Novel Synthesis of Some Interesting Triazines and Triazepines as Potential Anti-Tumor Agents. <i>Molecules</i> , 2012, 17, 11538-11553.	1.7	35
46	Convenient method for synthesis of various fused heterocycles via utility of 4-acetyl-5-methyl-1-phenyl-pyrazole as precursor. <i>Turkish Journal of Chemistry</i> , 2014, 38, 865-879.	0.5	35
47	Regioselectivity in 1,5-electrocyclization of N-[as-triazin-3-yl]nitrilimines. Synthesis of s-triazolo[4,3-b]-as-triazin-7(8H)-ones. <i>Tetrahedron</i> , 2002, 58, 8559-8564.	1.0	33
48	Synthesis, Characterization and Molecular Docking of Novel Bioactive Thiazolyl-Thiazole Derivatives as Promising Cytotoxic Antitumor Drug. <i>Molecules</i> , 2016, 21, 3.	1.7	33
49	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification. <i>Polymers</i> , 2022, 14, 1594.	2.0	33
50	Synthesis of Some Novel Thiazole, Thiadiazole and 1,4-Phenylene-bis-thiazole Derivatives as Potent Antitumor Agents. <i>Heterocycles</i> , 2016, 92, 954.	0.4	32
51	A facile access and evaluation of some novel thiazole and 1,3,4-thiadiazole derivatives incorporating thiazole moiety as potent anticancer agents. <i>Chemistry Central Journal</i> , 2017, 11, 105.	2.6	31
52	Synthesis and Antimicrobial Activity of Novel Azolopyrimidines and Pyrido-triazolo-pyrimidinones Incorporating Pyrazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3447-3457.	1.4	30
53	Synthesis, Molecular Docking Screening and Anti-Proliferative Potency Evaluation of Some New Imidazo[2,1-b]Thiazole Linked Thiadiazole Conjugates. <i>Molecules</i> , 2020, 25, 4997.	1.7	30
54	Synthesis of Novel Indolizine, Pyrrolo[1,2-a] Quinoline, and 4,5-Dihydrothiophene Derivatives via Nitrogen Ylides and their Antimicrobial Evaluation. <i>Journal of Chemical Research</i> , 2014, 38, 515-519.	0.6	29

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55	Synthesis and Molecular Docking of Some Novel Thiazoles and Thiadiazoles Incorporating Pyranochromene Moiety as Potent Anticancer Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1670-1682.	1.1	29
56	Synthesis and biological evaluation of novel fused triazolo[4,3- <i>a</i> ] pyrimidinones. <i>Turkish Journal of Chemistry</i> , 2015, 39, 510-531.	0.5	28
57	Synthetic Utility of Pyridinium Bromide: Synthesis and Antimicrobial Activity of Novel 2,4,6-Trisubstituted Pyridines Having Pyrazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1943-1948.	1.4	28
58	Synthesis, Characterization, and Antifungal Activity Evaluation of Some Novel Arylazothiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 258-264.	1.4	25
59	Facile Synthesis of Pyrazolo[3,4- <i>b</i> ]pyrazoles Bearing Coumarine Ring as Anticancer Agents. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1960-1965.	1.4	25
60	Synthesis of some new Pyridine-based Heterocyclic Compounds with Anticipated Antitumor Activity. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1729-1737.	1.4	25
61	Synthesis of Thiazole Linked Imidazo[2,1- <i>b</i> ]Thiazoles as Anticancer Agents. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1608-1622.	1.4	25
62	Three-Component Synthesis of Some New Coumarin Derivatives as Anticancer Agents. <i>Frontiers in Chemistry</i> , 2021, 9, 762248.	1.8	25
63	Novel polyazaheterocyclic systems: Synthesis, antitumor, and antimicrobial activities. <i>Archives of Pharmacal Research</i> , 2010, 33, 1721-1728.	2.7	24
64	Synthesis and Antihypertensive $\alpha$ -Blocking Activity Evaluation of Thiazole Derivatives Bearing Pyrazole Moiety. <i>Heterocycles</i> , 2015, 91, 1763.	0.4	24
65	Synthesis and Antimicrobial Evaluation of Some Novel Thiazole, 1,3,4-Thiadiazole and Pyrido[2,3- <i>d</i> ][1,2,4]triazolo[4,3- <i>a</i> ]pyrimidine Derivatives Incorporating Pyrazole Moiety. <i>Heterocycles</i> , 2015, 91, 2126.	0.4	24
66	An Efficient Synthesis of Novel Pyrazole-Based Heterocycles as Potential Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 785.	1.3	23
67	Synthesis, Characterization, and Antimicrobial Evaluation of Some New 1,4-Dihydropyridines-1,2,4-Triazole Hybrid Compounds. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 173-185.	1.4	23
68	Microwave-Assisted One Pot Three-Component Synthesis of Novel Bioactive Thiazolyl-Pyridazinediones as Potential Antimicrobial Agents against Antibiotic-Resistant Bacteria. <i>Molecules</i> , 2021, 26, 4260.	1.7	23
69	Synthesis, Optical Characterizations and Solar Energy Applications of New Schiff Base Materials. <i>Materials</i> , 2021, 14, 3718.	1.3	23
70	Synthesis and SAR Study of the Novel Thiadiazole-Imidazole Derivatives as a New Anticancer Agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1356-1363.	0.6	22
71	Synthesis and Characterization of Bisimidazoles, Bistriazoles, Bisthiadiazoles, and Bisthiazoles from Novel Bishydrazonoyl Dichlorides. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 255-262.	1.4	22
72	Synthesis of Some Novel 1,4-Phenylene-bis-thiazolyl Derivatives and Their Anti-hypertensive $\alpha$ -blocking Activity Screening. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 618-623.	1.4	22

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73	Efficient Synthesis of Some New 1,3,4-Thiadiazoles and 1,2,4-Triazoles Linked to Pyrazolylcoumarin Ring System as Potent 5Î±-Reductase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 1275-1282.	1.4	22
74	Optical investigations and photoactive solar energy applications of new synthesized Schiff base liquid crystal derivatives. <i>Scientific Reports</i> , 2021, 11, 15046.	1.6	22
75	Green Synthesis and Molecular Docking of Thiazolyl-thiazole Derivatives as Potential Cytotoxic Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 805-815.	1.1	22
76	Synthesis and Preliminary <i>In-Vitro</i> Cytotoxic Evaluation of Some Novel <i>bis</i> -Heterocycles Incorporating Thienothiophene. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 641-647.	1.4	21
77	A Facile Synthesis and Drug Design of Some New Heterocyclic Compounds Incorporating Pyridine Moiety and Their Antimicrobial Evaluation. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	21
78	Efficient Synthesis of New Benzofuran-based Thiazoles and Investigation of their Cytotoxic Activity Against Human Breast Carcinoma Cell Lines. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 995-1001.	1.4	21
79	L-proline catalyzed green synthesis and anticancer evaluation of novel bioactive benzil bis-hydrazones under grinding technique. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 180-189.	2.1	21
80	Synthesis of New Functionalised Derivatives of [1,2,4]triazolo[4,3-a]Pyrimidine and Pyrimido[2,1-b][1,3,5]Thiadiazine as Aromatase Inhibitors. <i>Journal of Chemical Research</i> , 2015, 39, 425-429.	0.6	20
81	Utility of 2-thioxo-pyrido[2,3-d]pyrimidinone in synthesis of pyridopyrimido[2,1-b][1,3,5]-thiadiazinones and pyridopyrimido[2,1-b][1,3]thiazinones as antimicrobial agents. <i>Chemistry Central Journal</i> , 2017, 11, 57.	2.6	20
82	Design, Synthesis, and Characterization of Some New <i>bis</i> -thiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1537-1542.	1.4	20
83	Utility of Pyrazolylchalcone Synthone to Synthesize Azolopyrimidines under Grindstone Technology. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 90-96.	0.6	20
84	An Efficient Synthesis of Functionalised 2-(heteroaryl)-3H-benzo[f]Chromen-3-ones and Antibacterial Evaluation. <i>Journal of Chemical Research</i> , 2013, 37, 298-303.	0.6	19
85	Microwave-Assisted Synthesis of some Novel Azoles and Azolopyrimidines as Antimicrobial Agents. <i>Molecules</i> , 2017, 22, 346.	1.7	19
86	Synthesis, Antimicrobial Evaluation and Molecular Docking of New Functionalized Bis(1,3,4-Thiadiazole) and Bis(Thiazole) Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 2029-2041.	1.4	19
87	Synthesis and In-silico Simulation of Some New Bis-thiazole Derivatives and Their Preliminary Antimicrobial Profile: Investigation of Hydrazonoyl Chloride Addition to Hydroxy-Functionalized Bis-carbazones. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103396.	2.3	19
88	Synthesis of New Thiazole Derivatives as Antitumor Agents. <i>Current Organic Synthesis</i> , 2016, 13, 456-465.	0.7	19
89	Novel functionalized thiosemicarbazone ligands and their Pd(II) complexes: synthesis, characterization, antibacterial and cytotoxic activities. <i>Chemical Papers</i> , 2019, 73, 331-344.	1.0	18
90	Optical and Thermal Investigations of New Schiff Base/Ester Systems in Pure and Mixed States. <i>Polymers</i> , 2021, 13, 1687.	2.0	18

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91	Multicomponent synthesis, DFT calculations and molecular docking studies of novel thiazolyl-pyridazinones as potential antimicrobial agents against antibiotic-resistant bacteria. <i>Journal of Molecular Structure</i> , 2021, 1234, 130180.	1.8	18
92	One-Pot Three-Component Synthesis and Molecular Docking of Some Novel 2-Thiazolyl Pyridines as Potent Antimicrobial Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 527-538.	1.1	18
93	Design and Synthesis of Imidazopyrazolopyridines as Novel Selective COX-2 Inhibitors. <i>Molecules</i> , 2015, 20, 15287-15303.	1.7	17
94	Synthesis and Biological Evaluation of Thiazolyl-Ethylidene Hydrazino-Thiazole Derivatives: A Novel Heterocyclic System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8908.	1.3	17
95	Recent Progress and Potential Biomedical Applications of Electrospun Nanofibers in Regeneration of Tissues and Organs. <i>Polymers</i> , 2022, 14, 1508.	2.0	17
96	Synthesis of Some Novel Heterocycles Bearing Thiadiazoles as Potent Anti-inflammatory and Analgesic Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2708-2716.	1.4	16
97	Cross-Linked Chitosan/Multi-Walled Carbon Nanotubes Composite as Ecofriendly Biocatalyst for Synthesis of Some Novel Benzil Bis-Thiazoles. <i>Polymers</i> , 2021, 13, 1728.	2.0	16
98	Synthesis, Molecular Docking and Pharmacological Study of Pyrimidothiadiazinones and its bis-derivatives. <i>Letters in Drug Design and Discovery</i> , 2017, 14, 434-443.	0.4	16
99	Synthesis, Cytotoxicity Evaluation, Molecular Docking and Utility of Novel Chalcones as Precursors for Heterocycles Incorporating Pyrazole Moiety. <i>Medicinal Chemistry</i> , 2018, 14, 344-355.	0.7	16
100	Efficiency of newly prepared thiazole derivatives against some cutaneous fungi. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3287-3295.	1.4	15
101	Efficient Synthesis and Antimicrobial Evaluation of New Azolopyrimidines Bearing Pyrazole Moiety. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2487-2493.	1.4	15
102	Facile synthesis and antiproliferative activity of new 3-cyanopyridines. <i>BMC Chemistry</i> , 2019, 13, 137.	1.6	15
103	Synthesis and molecular docking of some new bis-thiadiazoles as anti-hypertensive $\beta$ -blocking agents. <i>Synthetic Communications</i> , 2020, 50, 85-96.	1.1	15
104	Antidermatophytic activity of some newly synthesized arylhydrazonothiazoles conjugated with monoclonal antibody. <i>Scientific Reports</i> , 2020, 10, 20863.	1.6	15
105	Green synthesis, molecular docking and pharmacological evaluation of new triazolo-thiadiazepinylcoumarine derivatives as sedative-hypnotic scaffold. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1034-1043.	1.4	15
106	A Convenient Synthesis of Some New Thiazole and Pyrimidine Derivatives Incorporating a Naphthalene Moiety. <i>Journal of Chemical Research</i> , 2013, 37, 86-90.	0.6	14
107	Multicomponent Synthesis of Novel Penta-Heterocyclic Ring Systems Incorporating a Benzopyranopyridine Scaffold. <i>Synthesis</i> , 2014, 46, 258-262.	1.2	14
108	DABCO-Catalyzed Green Synthesis of Thiazole and 1,3-Thiazine Derivatives Linked to Benzofuran. <i>Heterocycles</i> , 2016, 92, 1450.	0.4	14

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109	Application of Mannich and Michael Reactions in Synthesis of Pyridopyrimido[2,1-b][1,3,5]thiadiazinones and Pyridopyrimido[2,1-b][1,3]thiazinones as Anticancer Agents. <i>Heterocycles</i> , 2016, 92, 688.	0.4	14
110	Intramolecular Ring Transformation of Bis-oxadiazoles to Bis-thiadiazoles and Investigation of Their Anticancer Activities. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2360-2367.	1.4	14
111	Mesophase behavior of four ring ester/azomethine/ester liquid crystals in pure and mixed states. <i>Liquid Crystals</i> , 2022, 49, 1395-1402.	0.9	14
112	Ecofriendly regioselective one-pot synthesis of chromeno[4,3-d][1,2,4]triazolo[4,3-a]pyrimidine derivatives. <i>European Journal of Chemistry</i> , 2013, 4, 180-184.	0.3	13
113	Synthesis of New Pyrazolo[1,5-a]pyrimidine, Triazolo[4,3-a]pyrimidine Derivatives, and Thieno[2,3-b]pyridine Derivatives from Sodium 3-(5-Methyl-1-phenyl-1H-pyrazol-4-yl)-3-oxoprop-1-en-1-olate. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	0.9	13
114	Synthesis of Some Novel Thiadiazoles and Thiazoles Linked to Pyrazole Ring. <i>Heterocycles</i> , 2016, 92, 649.	0.4	13
115	Synthetic routes to benzosuberone-based fused- and spiro-heterocyclic ring systems. <i>RSC Advances</i> , 2016, 6, 17955-17979.	1.7	13
116	Antimicrobial Activity of Novel Tetra- and Penta-azaheterocyclic Ring Systems. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 610-617.	1.4	13
117	Synthesis of Certain New Thiazole and 1,3,4-Thiadiazole Derivatives via the Utility of 3-Acetylindole. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1529-1536.	1.4	13
118	Synthesis, Antitumor Evaluation and Molecular Docking of New Morpholine Based Heterocycles. <i>Molecules</i> , 2017, 22, 1211.	1.7	13
119	Structural Elucidation and Antimicrobial Evaluation of Novel [1,2,4]Triazolo[4,3-a]pyrimidines and Pyrido[2,3-d][1,2,4]triazolo[4,3-a]pyrimidinones. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1147-1156.	1.4	13
120	Two decades of the synthesis of mono- and bis-aminomercapto[1,2,4]triazoles. <i>RSC Advances</i> , 2020, 10, 24994-25012.	1.7	13
121	Recent Synthetic Approaches to N,N-Dimethyl- $\beta$ -Ketoenamides. <i>Current Organic Chemistry</i> , 2017, 21, .	0.9	13
122	Design, Synthesis, Molecular Docking Study and Anti-Hepatocellular Carcinoma Evaluation of New Bis-Triazolothiadiazines. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 788-800.	1.1	13
123	Hydrazonoyl Halides as Precursors for Synthesis of Bioactive Thiazole and Thiadiazole Derivatives: Synthesis, Molecular Docking and Pharmacological Study. <i>Current Organic Synthesis</i> , 2016, 13, 445-455.	0.7	13
124	Isoxazolopyrimidinethione and Isoxazolopyridopyrimidinethione Derivatives: Key Intermediates for Synthesis of Novel Fused Triazoles as Potent 5 $\alpha$ -Reductase Inhibitors and Anti-Prostate Cancer. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 558-565.	1.4	12
125	Synthesis of Pyridotriazolopyrimidines as Antitumor Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1242-1251.	1.4	12
126	Utility of Bis-Hydrazonoyl Chlorides as Precursors for Synthesis of New Functionalized Bis-Thiadiazoles as Potent Antimicrobial Agents. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 844-851.	1.4	12



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127	Facile synthesis of some novel triazolo[3,4- <i>b</i> ]thiadiazines and triazolo[4,3- <i>b</i> ]tetrazines. <i>Synthetic Communications</i> , 2018, 48, 32-37.	1.1	12
128	Antimicrobial and anticancer evaluation of a novel synthetic tetracyclic system obtained by Dimroth rearrangement. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1251-1264.	0.4	12
129	An Efficient Synthesis of Novel Bioactive Thiazolyl-Phthalazinediones under Ultrasound Irradiation. <i>Molecules</i> , 2017, 22, 319.	1.7	11
130	Synthesis and biological evaluation of an indole core-based derivative with potent antimicrobial activity. <i>Research on Chemical Intermediates</i> , 2018, 44, 5345-5356.	1.3	11
131	Synthesis and biological evaluation of some novel thiadiazole-benzofuran hybrids as potential antitumor agents. <i>Synthetic Communications</i> , 2018, 48, 677-684.	1.1	11
132	Novel 4- <i>H</i> -heteroaryl-antipyrines: Synthesis, Molecular Docking, and Evaluation as Potential Anti-breast Cancer Agents. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2408-2416.	1.4	11
133	Synthesis and characterization of some novel bis-thiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3157-3163.	1.4	11
134	Synthesis and study of poly[(hydrazinylazo)]thiazoles as potent corrosion inhibitors for cast iron-carbon alloy in molar HCl: A collective computational and experiential methods. <i>Journal of Molecular Liquids</i> , 2021, 337, 116555.	2.3	11
135	Potential COVID-19 Drug Candidates Based on Diazinyl-Thiazol-Imine Moieties: Synthesis and Greener Pastures Biological Study. <i>Molecules</i> , 2022, 27, 488.	1.7	11
136	Utility of N-aryl 2-aryloxyhydrazono-propanehydrazonoyl chlorides as precursors for synthesis of new functionalized 1,3,4-thiadiazoles with potential antimicrobial activity. <i>Journal of Advanced Research</i> , 2015, 6, 885-893.	4.4	10
137	A Facile Three-Component One-Pot Synthesis of Some Novel Tricyclic Hetero-Ring Systems. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1892-1896.	1.4	10
138	Synthesis, Characterization, and Molecular Docking of Novel bis-thiazolyl Thienothiophene Derivatives as Promising Cytotoxic Antitumor Drug. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2686-2695.	1.4	10
139	Terephthalaldehyde: An Efficient Key Precursor for Novel Synthesis of Some Interesting Bis-thiazoles and Bis-triazolopyrimidinones. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 750-755.	1.4	10
140	Convenient and Efficient Method for Synthesis of Bis-hetaryl Ketones and Evaluation of Their Antimicrobial Activity. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 426-433.	1.4	10
141	New nematogenic conical-shaped supramolecular H-bonded complexes for solar energy investigations. <i>Scientific Reports</i> , 2021, 11, 17622.	1.6	10
142	Synthesis and greener pastures biological study of bis-thiadiazoles as potential Covid-19 drug candidates. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104101.	2.3	10
143	Synthesis and Characterisation of Some Novel Fused Thiazolo[3,2- <i>A</i> ] Pyrimidinones and Pyrimido[2,1- <i>B</i> ][1,3]Thiazinones. <i>Journal of Chemical Research</i> , 2015, 39, 719-723.	0.6	9
144	Novel pyrrole derivatives as selective CHK1 inhibitors: design, regioselective synthesis and molecular modeling. <i>MedChemComm</i> , 2015, 6, 852-859.	3.5	9

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145	Synthesis of Pyrazolyl-Pyrazoles and Pyrazolyl-[1,2,4]-Triazolo[3,4-d][1,5]Benzothiazepines as p53 Activators Using Hydrazoneyl Chlorides. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1505-1511.	1.4	9
146	An Approach to Polysubstituted Triazepines, Thiadiazoles and Thiazoles Based on Benzopyran Moiety Through The Utility of Versatile Hydrazoneyl Halides as <i>In Vitro</i> Monoamine Oxidase Inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1215-1227.	1.4	9
147	Synthesis and characterization of new pyrazole-based thiazoles. <i>Synthetic Communications</i> , 2017, 47, 1409-1414.	1.1	9
148	The Chemistry of Acetylpyrazoles and Its Utility in Heterocyclic Synthesis. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 726-758.	1.4	9
149	Synthesis and Biological Evaluation of Some Novel Bis-Thiadiazoles as Antimicrobial and Antitumor Agents. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-12.	1.4	9
150	Efficient synthesis and <i>In Silico</i> study of some novel pyrido[2,3-d][1,2,4]triazolo[4,3-e]pyrimidine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1759-1769.	1.4	9
151	Synthesis, Thermal and Optical Characterizations of New Lateral Organic Systems. <i>Crystals</i> , 2021, 11, 551.	1.0	9
152	Synthesis, Biological Profile, and Molecular Docking of Some New Bis- Imidazole Fused Templates and Investigation of their Cytotoxic Potential as Anti-tubercular and/or Anticancer Prototypes. <i>Medicinal Chemistry</i> , 2021, 17, 875-886.	0.7	9
153	Synthesis Under Microwave Irradiation and Molecular Docking of Some Novel Bioactive Thiadiazoles. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 437-447.	1.1	9
154	Synthesis of new functionalized derivatives of indolo[2,3-e][1,2,4]-triazolo-[4,5-b]-1,2,4-triazine. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1119-1125.	0.4	8
155	Hydrazoneyl Chlorides in the Synthesis of Pyrazolo[5,1-c][1,2,4]Triazole Derivatives and Their Biological Activities. <i>Journal of Chemical Research</i> , 2016, 40, 467-470.	0.6	8
156	Hydrazoneyl Halides Precursors to Synthesis of New Thiazole, Thiadiazole, and Benzothiazepine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1172-1177.	1.4	8
157	Synthesis, Characterization, and Antimicrobial Evaluation of Some New 1,4-Dihydropyridine Hybrid with 1,3,4-Thiadiazole. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 1697-1709.	1.4	8
158	Novel sulphonic acid liquid crystal derivatives: experimental, computational and optoelectrical characterizations. <i>RSC Advances</i> , 2021, 11, 27937-27949.	1.7	8
159	Synthesis of a new series of angiotensin II receptor antagonists and antibacterial agents. <i>Archives of Pharmacal Research</i> , 2014, 37, 306-314.	2.7	7
160	Utility of 2-(5-methyl-1-phenyl-1H-pyrazol-4-yl)-2-oxo-N-phenylacetohydrazoneyl bromide as precursor for synthesis of new functionalized heterocycles. <i>Synthetic Communications</i> , 2017, 47, 999-1005.	1.1	7
161	Synthesis and characterization of new pyrido-thieno-pyrimidine derivatives incorporating pyrazole moiety. <i>Synthetic Communications</i> , 2017, 47, 2232-2238.	1.1	7
162	One-Pot, Three-Component Synthesis of Pyrido[2,3-d]Pyrimidinones Using Aluminate Sulfonic Acid Nanocatalyst under Grinding Technique. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1472-1482.	1.4	7

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163	Antifungal Activity of New Diterpenoid Alkaloids Isolated by Different Chromatographic Methods from <i>Delphinium peregrinum</i> L. var. <i>eriocarpum</i> Boiss. <i>Molecules</i> , 2021, 26, 1375.	1.7	7
164	Effect of the Relative Positions of Di-Laterally Substituted Schiff Base Derivatives: Phase Transition and Computational Investigations. <i>Crystals</i> , 2021, 11, 870.	1.0	7
165	Synthesis, Molecular Docking and Anticancer Evaluation of New Arylazothiazoles. <i>Current Organic Synthesis</i> , 2017, 14, 620-631.	0.7	7
166	Synthesis of New Thiazole Clubbed Imidazo[2,1-b]thiazole Hybrid as Antimycobacterial Agents. <i>Medicinal Chemistry</i> , 2022, 18, 1100-1108.	0.7	7
167	Synthesis of New Azoles and Azolopyrimidines Incorporating Morpholine Moiety as Potent Anti-Tumor Agents. <i>Croatica Chemica Acta</i> , 2018, 91, .	0.1	6
168	Synthesis, Mesomorphic, and Solar Energy Characterizations of New Non-Symmetrical Schiff Base Systems. <i>Frontiers in Chemistry</i> , 2021, 9, 686788.	1.8	6
169	Synthesis and Mesomorphic and Electrical Investigations of New Furan Liquid Crystal Derivatives. <i>Frontiers in Chemistry</i> , 2021, 9, 711862.	1.8	6
170	Microwave-Assisted One-Pot Three Component Synthesis of Some Thiazolyl(Hydrazonoethyl)Thiazoles as Potential Anti-Breast Cancer Agents. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 7232-7246.	1.4	6
171	Experimental and Theoretical Investigations of Three-Ring Ester/Azomethine Materials. <i>Materials</i> , 2022, 15, 2312.	1.3	6
172	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation. <i>Molecules</i> , 2022, 27, 2940.	1.7	6
173	Synthesis and Quantum Chemical Studies on the Tautomeric Structures of New Thiazole and Thiadiazine Derivatives. <i>Current Organic Synthesis</i> , 2016, 13, 907-916.	0.7	5
174	Efficient Methods for the Synthesis of Novel Arylazothiazoles Based on Acetylferrocene or Adamantane. <i>Current Organic Synthesis</i> , 2020, 17, 282-287.	0.7	5
175	Review of the synthesis and biological activity of hydrazonoyl halides. <i>Synthetic Communications</i> , 2020, 50, 3175-3203.	1.1	4
176	Synthetic Utility of Aminomercapto[1,2,4]triazoles in the Preparation of Fused Triazoles. <i>Current Organic Chemistry</i> , 2022, 26, .	0.9	4
177	Synthesis and Anti-Tubercular (Tb) Evaluation of Bis[4-Ethylidineamino[1,2,4]Triazole-3-Thiol] Tethered by 1,4-Dihydropyridine. <i>Russian Journal of Bioorganic Chemistry</i> , 2022, 48, 345-352.	0.3	4
178	A New Aspect of the Pfitzinger Reaction: Microwave-assisted Synthesis of the New Heterocyclic Ring System 6-Arylbenzo[4,5]imidazolo[2,1-b]quino[4,3-e]-1,3-thiazin-14-one. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 826-830.	0.3	3
179	Ethyl 7-Methyl-1-(4-nitrophenyl)-5-phenyl-3-(thiophen-2-yl)-1,5-dihydro-[1,2,4]triazolo[4,3-a]pyrimidine-6-carboxylate. <i>MolBank</i> , 2017, 2017, M942.	0.2	3
180	Synthesis and Biological Activity Evaluation of Some New Coumarin Derivatives as Potent Anticonvulsant and CNS-Depressant Agents. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2680-2689.	1.4	3

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181	Synthetic Utility of <i>Bis</i> -Aminomercapto[1,2,4] Triazoles in the Preparation of <i>Bis</i> -Fused Triazoles and Macrocycles. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-21.	1.4	3
182	Synthesis and biological evaluation of new aza-acyclic nucleosides and their hydrogen complexes from indole. <i>Research on Chemical Intermediates</i> , 2022, 48, 3567-3587.	1.3	3
183	Design, Synthesis, and Biological Evaluations of Novel Azothiazoles Based on Thioamide. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2956-2966.	1.0	3
184	Synthesis of Novel Acyclic Nucleoside Analogue Starting From 6-Aminouracil as Potent Antimicrobial Agent. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 6463-6474.	1.4	2
185	Title is missing!. <i>Journal Für Praktische Chemie</i> , 2000, 342, 599-604.	0.5	2
186	New Convenient Routes of Hydrazonoyl Halides for the Synthesis of Novel Thiazoles and Polythiazoles. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 3318-3327.	1.4	2
187	Ethyl (1,3-diphenyl-1H-pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-yl)acetate. <i>MolBank</i> , 2011, 2011, M743.	0.2	1
188	(E)-Ethyl 3-(Dimethylamino)-2-(7,9-diphenyl-7H-pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-2-yl)acrylate. <i>MolBank</i> , 2011, 2011, M746.	0.2	0
189	Ethyl 3-{2-[(3-Methyl-1H-indol-2-yl)carbonyl]hydrazinylidene}butanoate. <i>MolBank</i> , 2012, 2012, M749.	0.2	0
190	Chemistry of $\alpha$ -(arylhydrazono)- $\beta$ -ketoaldehydes: Preparation and Chemical Reactivities. <i>Current Organic Chemistry</i> , 2019, 22, 2599-2633.	0.9	0