Hatem A Abdel-Aziz

List of Publications by Year in Descending Order

217 papers	3,804 citations	36 h-index	49 g-index
239 ext. papers	4,323 ext. citations	4 avg, IF	5.71 L-index

#	Paper	IF	Citations
217	Discovery of 2,4-thiazolidinedione-tethered coumarins as novel selective inhibitors for carbonic anhydrase IX and XII isoforms.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 531-541	5.6	8
216	Isatin derivatives as broad-spectrum antiviral agents: the current landscape.. *Medicinal Chemistry Research*, **2022**, 31, 1-30	2.2	2
215	New tilomisole-based benzimidazothiazole derivatives as anti-inflammatory agents: Synthesis, in vivo, in vitro evaluation, and in silico studies.. *Bioorganic Chemistry*, **2022**, 120, 105644	5.1	0
214	One-pot three-component synthesis of novel pyrazolo[3,4-b]pyridines as potent antileukemic agents. *European Journal of Medicinal Chemistry*, **2022**, 227, 113952	6.8	3
213	Loratadine.. *Profiles of Drug Substances, Excipients and Related Methodology*, **2022**, 47, 55-90	3	
212	Synthesis, X-ray crystal structure, Hirshfeld analysis and computational investigation of bis(methylthio)acrylonitrile with antimicrobial and docking evaluation. *Journal of Molecular Structure*, **2022**, 1260, 132793	3.4	1
211	Identification of 3-(piperazinylmethyl)benzofuran derivatives as novel type II CDK2 inhibitors: design, synthesis, biological evaluation, and insights.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 1227-1240	5.6	4
210	Development of 4-((3-oxo-3-phenylpropyl)amino)benzenesulfonamide derivatives utilizing tail/dual-tail approaches as novel carbonic anhydrase inhibitors.. *European Journal of Medicinal Chemistry*, **2022**, 238, 114412	6.8	4
209	Insights into the effect of elaborating coumarin-based aryl enaminones with sulfonamide or carboxylic acid functionality on carbonic anhydrase inhibitory potency and selectivity. *Bioorganic Chemistry*, **2022**, 126, 105888	5.1	3
208	Synthesis and in vitro antiproliferative activity of certain novel pyrazolo[3,4-b]pyridines with potential p38□MAPK-inhibitory activity. *Archiv Der Pharmazie*, **2021**, e2100302	4.3	0
207	Computational prediction of the potential target of SARS-CoV-2 inhibitor plitidepsin via molecular docking, dynamic simulations and MM-PBSA calculations. *Chemistry and Biodiversity*, **2021**,	2.5	1
206	Development of novel benzofuran-based SLC-0111 analogs as selective cancer-associated carbonic anhydrase isoform IX inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 216, 113283	6.8	20
205	Development of isatin-thiazolo[3,2-a]benzimidazole hybrids as novel CDK2 inhibitors with potent in vitro apoptotic anti-proliferative activity: Synthesis, biological and molecular dynamics investigations. *Bioorganic Chemistry*, **2021**, 110, 104748	5.1	20
204	Identification of N-phenyl-2-(phenylsulfonyl)acetamides/propanamides as new SLC-0111 analogues: Synthesis and evaluation of the carbonic anhydrase inhibitory activities. *European Journal of Medicinal Chemistry*, **2021**, 218, 113360	6.8	13
203	Novel 3-substituted coumarins as selective human carbonic anhydrase IX and XII inhibitors: Synthesis, biological and molecular dynamics analysis. *European Journal of Medicinal Chemistry*, **2021**, 209, 112897	6.8	19
202	Development of 2-oindolin-3-ylidene-indole-3-carbohydrazide derivatives as novel apoptotic and anti-proliferative agents towards colorectal cancer cells. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 319-328	5.6	6
201	Development of novel benzofuran-isatin conjugates as potential antiproliferative agents with apoptosis inducing mechanism in Colon cancer. *Journal of Enzyme Inhibition and Medicinal Chemistry* , **2021**, 36, 1424-1435	5.6	10

200	Development of novel isatin-nicotinohydrazide hybrids with potent activity against susceptible/resistant and bronchitis causing-bacteria. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 384-393	5.6	9
199	Novel benzenesulfonamides aryl and arylsulfone conjugates adopting tail/dual tail approaches: Synthesis, carbonic anhydrase inhibitory activity and molecular modeling studies. *European Journal of Medicinal Chemistry*, **2021**, 221, 113486	6.8	11
198	Natural inspired piperine-based sulfonamides and carboxylic acids as carbonic anhydrase inhibitors: Design, synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2021**, 225, 113800	6.8	6
197	Synthesis, Biological Evaluation and In Silico Studies of Certain Oxindole-Indole Conjugates as Anticancer CDK Inhibitors. *Molecules*, **2020**, 25,	4.8	17
196	Novel [(-alkyl-3-indolylmethylene)hydrazono]oxindoles arrest cell cycle and induce cell apoptosis by inhibiting CDK2 and Bcl-2: synthesis, biological evaluation and studies. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 1300-1309	5.6	25
195	Unexpected Synthesis, Single-Crystal X-ray Structure, Anticancer Activity, and Molecular Docking Studies of Certain 2[(Imidazole/Benzimidazolyl)thio]1arylethanones. *Crystals*, **2020**, 10, 446	2.3	5
194	Benzofuran-Based Carboxylic Acids as Carbonic Anhydrase Inhibitors and Antiproliferative Agents against Breast Cancer. *ACS Medicinal Chemistry Letters*, **2020**, 11, 1022-1027	4.3	26
193	Discovery of Potent Dual-Tailed Benzenesulfonamide Inhibitors of Human Carbonic Anhydrases Implicated in Glaucoma and in Vivo Profiling of Their Intraocular Pressure-Lowering Action. *Journal of Medicinal Chemistry*, **2020**, 63, 3317-3326	8.3	22
192	Synthesis, biological and molecular dynamics investigations with a series of triazolopyrimidine/triazole-based benzenesulfonamides as novel carbonic anhydrase inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 185, 111843	6.8	21
191	Sulfonamide-based ring-fused analogues for CAN508 as novel carbonic anhydrase inhibitors endowed with antitumor activity: Design, synthesis, and in vitro biological evaluation. *European Journal of Medicinal Chemistry*, **2020**, 189, 112019	6.8	33
190	Synthesis and in-vitro anti-proliferative evaluation of some pyrazolo[1,5-a]pyrimidines as novel larotrectinib analogs. *Bioorganic Chemistry*, **2020**, 94, 103458	5.1	6
189	Novel benzofuran-based sulphonamides as selective carbonic anhydrases IX and XII inhibitors: synthesis and biological evaluation. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 298-305	5.6	13
188	"A Sweet Combination": Developing Saccharin and Acesulfame K Structures for Selectively Targeting the Tumor-Associated Carbonic Anhydrases IX and XII. *Journal of Medicinal Chemistry*, **2020**, 63, 321-333	8.3	12
187	3-Methylthiazolo[3,2-a]benzimidazole-benzenesulfonamide conjugates as novel carbonic anhydrase inhibitors endowed with anticancer activity: Design, synthesis, biological and molecular modeling studies. *European Journal of Medicinal Chemistry*, **2020**, 207, 112745	6.8	24
186	Discovery of 3,6-disubstituted pyridazines as a novel class of anticancer agents targeting cyclin-dependent kinase 2: synthesis, biological evaluation and in silico insights. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 1616-1630	5.6	26
185	Charge Transfer Complex of Neostigmine with 2,3-Dichloro-5,6-Dicyano-1,4-Benzoquinone: Synthesis, Spectroscopic Characterization, Antimicrobial Activity, and Theoretical Study. *Drug Design, Development and Therapy*, **2020**, 14, 4115-4129	4.4	3
184	Synthesis of some novel pyrazoline-thiazole hybrids and their antimicrobial activities. *Journal of Heterocyclic Chemistry*, **2019**, 56, 3030-3041	1.9	3
183	Synthesis and anticancer activity of some pyrido[2,3-]pyrimidine derivatives as apoptosis inducers and cyclin-dependent kinase inhibitors. *Future Medicinal Chemistry*, **2019**, 11, 2395-2414	4.1	11

182	Synthesis, in vitro biological evaluation and in silico studies of certain arylnicotinic acids conjugated with aryl (thio)semicarbazides as a novel class of anti-leishmanial agents. *European Journal of Medicinal Chemistry*, **2019**, 179, 335-346	6.8	7
181	Charge transfer complexes of brucine with chloranilic acid, 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and tetracyanoquinodimethane: Synthesis, spectroscopic characterization and antimicrobial activity. *Journal of Molecular Liquids*, **2019**, 286, 110754	6	20
180	Synthesis and in vitro anticancer evaluation of some fused indazoles, quinazolines and quinolines as potential EGFR inhibitors. *Bioorganic Chemistry*, **2019**, 89, 102985	5.1	18
179	Novel synthesized SLC-0111 thiazole and thiadiazole analogues: Determination of their carbonic anhydrase inhibitory activity and molecular modeling studies. *Bioorganic Chemistry*, **2019**, 87, 794-802	5.1	28
178	Synthesis and in vitro anticancer activity of certain novel 1-(2-methyl-6-arylpyridin-3-yl)-3-phenylureas as apoptosis-inducing agents. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 322-332	5.6	39
177	Assessment of lipophilicity of newly synthesized celecoxib analogues using reversed-phase HPLC. *BMC Chemistry*, **2019**, 13, 84	3.7	5
176	Induction of ROS-mediated cell death and activation of the JNK pathway by a sulfonamide derivative. *International Journal of Molecular Medicine*, **2019**, 44, 1552-1562	4.4	5
175	SLC-0111 enaminone analogs, 3/4-(3-aryl-3-oxopropenyl) aminobenzenesulfonamides, as novel selective subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform IX. *Bioorganic Chemistry*, **2019**, 83, 549-558	5.1	40
174	Synthesis and biological evaluation of some novel thiobenzimidazole derivatives as anti-renal cancer agents through inhibition of c-MET kinase. *Bioorganic Chemistry*, **2019**, 85, 337-348	5.1	16
173	Synthesis and anti-proliferative activity of some new quinoline based 4,5-dihydropyrazoles and their thiazole hybrids as EGFR inhibitors. *Bioorganic Chemistry*, **2019**, 83, 186-197	5.1	31
172	New benzimidazothiazole derivatives as anti-inflammatory, antitumor active agents: Synthesis, in-vitro and in-vivo screening and molecular modeling studies. *Bioorganic Chemistry*, **2019**, 83, 250-261	5.1	16
171	Enhancement of the tail hydrophobic interactions within the carbonic anhydrase IX active site via structural extension: Design and synthesis of novel N-substituted isatins-SLC-0111 hybrids as carbonic anhydrase inhibitors and antitumor agents. *European Journal of Medicinal Chemistry*, **2019**, 162, 147-160	6.8	63
170	Charge-transfer complexes of cefpodoxime proxetil with chloranilic acid and 2,3-dichloro-5,6-dicyano-1,4-benzoquinone: Experimental and theoretical studies. *Journal of Molecular Liquids*, **2018**, 257, 42-51	6	30
169	An improved synthesis of pyrido[2,3-d]pyrimidin-4(1H)-ones and their antimicrobial activity. *Organic and Biomolecular Chemistry*, **2018**, 16, 3389-3395	3.9	10
168	Dual-tail arylsulfone-based benzenesulfonamides differently match the hydrophobic and hydrophilic halves of human carbonic anhydrases active sites: Selective inhibitors for the tumor-associated hCA IX isoform. *European Journal of Medicinal Chemistry*, **2018**, 152, 1-9	6.8	49
167	One-pot three-component synthesis of novel spirooxindoles with potential cytotoxic activity against triple-negative breast cancer MDA-MB-231 cells. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 309-318	5.6	42
166	Synthesis and biological evaluation of certain hydrazonoindolin-2-one derivatives as new potent anti-proliferative agents. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 867-878	5.6	24
165	Tyrosine kinase inhibition effects of novel Pyrazolo[1,5-a]pyrimidines and Pyrido[2,3-d]pyrimidines ligand: Synthesis, biological screening and molecular modeling studies. *Bioorganic Chemistry*, **2018**, 78, 312-323	5.1	27

164	Novel Thiazolidinone/Thiazolo[3,2-]Benzimidazolone-Isatin Conjugates as Apoptotic Anti-proliferative Agents Towards Breast Cancer: One-Pot Synthesis and In Vitro Biological Evaluation. *Molecules*, **2018**, 23,	4.8	25
163	Pyridine-Ureas as Potential Anticancer Agents: Synthesis and In Vitro Biological Evaluation. *Molecules*, **2018**, 23,	4.8	38
162	Novel quinazoline-based sulfonamide derivative (3D) induces apoptosis in colorectal cancer by inhibiting JAK2-STAT3 pathway. *OncoTargets and Therapy*, **2018**, 11, 3313-3322	4.4	10
161	Design, synthesis, anti-inflammatory antitumor activities, molecular modeling and molecular dynamics simulations of potential naprosyn analogs as COX-1 and/or COX-2 inhibitors. *Bioorganic Chemistry*, **2018**, 76, 188-201	5.1	10
160	One-pot synthesis of spiro(indoline-3,4pyrazolo[3,4-b]pyridine)-5carbonitriles as p53-MDM2 interaction inhibitors. *Future Medicinal Chemistry*, **2018**, 10, 2771-2789	4.1	12
159	Tumor-associated carbonic anhydrase isoform IX and XII inhibitory properties of certain isatin-bearing sulfonamides endowed with in vitro antitumor activity towards colon cancer. *Bioorganic Chemistry*, **2018**, 81, 425-432	5.1	42
158	Solvent-Free Ring Cleavage Hydrazinolysis of Certain Biginelli Pyrimidines. *Journal of Chemistry*, **2018**, 2018, 1-6	2.3	
157	Synthesis of bulky-tailed sulfonamides incorporating pyrido[2,3-d][1,2,4]triazolo[4,3-a]pyrimidin-1(5H)-yl) moieties and evaluation of their carbonic anhydrases I, II, IV and IX inhibitory effects. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 2210-2217	3.4	30
156	Synthesis and in vitro anti-proliferative activity of some novel isatins conjugated with quinazoline/phthalazine hydrazines against triple-negative breast cancer MDA-MB-231 cells as apoptosis-inducing agents. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 600-613	5.6	59
155	Clenbuterol Hydrochloride. *Profiles of Drug Substances, Excipients and Related Methodology*, **2017**, 42, 91-123	3	4
154	Synthesis, anti-inflammatory and neuroprotective activity of pyrazole and pyrazolo[3,4-d]pyridazine bearing 3,4,5-trimethoxyphenyl. *Medicinal Chemistry Research*, **2017**, 26, 1557-1566	2.2	18
153	New hydrazonoindolin-2-ones: Synthesis, exploration of the possible anti-proliferative mechanism of action and encapsulation into PLGA microspheres. *PLoS ONE*, **2017**, 12, e0181241	3.7	23
152	Cancer stem cells CD133 inhibition and cytotoxicity of certain 3-phenylthiazolo[3,2-a]benzimidazoles: design, direct synthesis, crystal study and in vitro biological evaluation. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 986-991	5.6	10
151	Novel 4/3-((4-oxo-5-(2-oxoindolin-3-ylidene)thiazolidin-2-ylidene)amino) benzenesulfonamides: Synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular modelling studies. *European Journal of Medicinal Chemistry*, **2017**, 139, 250-262	6.8	89
150	Synthesis, Single Crystal X-Ray, and Anticancer Activity of Some New Thiophene and 1,3-Thiazolidine Derivatives. *Russian Journal of General Chemistry*, **2017**, 87, 2951-2960	0.7	5
149	Novel 6-Phenylnicotinohydrazide Derivatives: Design, Synthesis and Biological Evaluation as a Novel Class of Antitubercular and Antimicrobial Agents. *Biological and Pharmaceutical Bulletin*, **2017**, 40, 1883-1893	2.3	11
148	Tetraphenylborate Salt of Atropine : Synthesis and X-ray Structure of Tetraphenyl-4-borane, (1R,3r,5S,8s)-3-((3-Hydroxy-2-phenylpropanoyl)oxy)-8-methyl-8-azabicyclo[3.2.1]octan-8-ium Salt. *Crystallography Reports*, **2017**, 62, 1083-1088	0.6	2
147	Isatin-benzoazine molecular hybrids as potential antiproliferative agents: synthesis and in vitro pharmacological profiling. *Drug Design, Development and Therapy*, **2017**, 11, 2333-2346	4.4	37

146	Synthesis and Biophysical Insights into the Binding of a Potent Anti-Proliferative Non-symmetric Bis-isatin Derivative with Bovine Serum Albumin: Spectroscopic and Molecular Docking Approaches. *Applied Sciences (Switzerland)*, **2017**, 7, 617	2.6	14
145	3-Hydrazinoindolin-2-one derivatives: Chemical classification and investigation of their targets as anticancer agents. *European Journal of Medicinal Chemistry*, **2016**, 122, 366-381	6.8	23
144	Amido/ureidosubstituted benzenesulfonamides-isatin conjugates as low nanomolar/subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform XII. *European Journal of Medicinal Chemistry*, **2016**, 110, 259-66	6.8	62
143	Design, synthesis, topoisomerase I & II inhibitory activity, antiproliferative activity, and structure-activity relationship study of pyrazoline derivatives: An ATP-competitive human topoisomerase II□catalytic inhibitor. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 1898-908	3.4	22
142	Development of certain new 2-substituted-quinazolin-4-yl-aminobenzenesulfonamide as potential antitumor agents. *European Journal of Medicinal Chemistry*, **2016**, 109, 247-53	6.8	32
141	Bis-isatin hydrazones with novel linkers: Synthesis and biological evaluation as cytotoxic agents. *European Journal of Medicinal Chemistry*, **2016**, 108, 415-422	6.8	42
140	Crystal structure of 4,5-diphenylthiazol-2-amine, C15H12N2S. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2016**, 231, 861-862	0.2	1
139	Synthesis, Crystal Study, and Anti-Proliferative Activity of Some 2-Benzimidazolylthioacetophenones towards Triple-Negative Breast Cancer MDA-MB-468 Cells as Apoptosis-Inducing Agents. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	17
138	Crystal structure of 2-benzylisothiouronium tetraphenylborate, C32H31BN2S. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2016**, 231, 631-633	0.2	1
137	Synthesis, Biological Evaluation and Molecular Docking of Certain Sulfones as Potential Nonazole Antifungal Agents. *Molecules*, **2016**, 21, E114	4.8	12
136	Synthesis and Cytotoxic Activity of Biphenylurea Derivatives Containing Indolin-2-one Moieties. *Molecules*, **2016**, 21,	4.8	31
135	Exploring QSARs of some benzenesulfonamides incorporating cyanoacrylamide moieties as a carbonic anhydrase inhibitors (specifically against tumor-associated isoforms IX and XII). *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 519-23	5.6	7
134	Synthesis, biological evaluation and 2D-QSAR study of halophenyl bis-hydrazones as antimicrobial and antitubercular agents. *International Journal of Molecular Sciences*, **2015**, 16, 8719-43	6.3	19
133	Tetraphenylborate Salt of Bambuterol (Bambec□): Synthesis, Characterization and X-ray Structure of N-(2-(3,5-bis((dimethylcarbamoyl)oxy)phenyl)-2-hydroxyethyl)-2-methylpropan-2-aminium tetraphenylborate. *Journal of Chemical Crystallography*, **2015**, 45, 251-256	0.5	1
132	Synthesis and biological evaluation of certain 3-substituted benzylideneamino-2-(4-nitrophenyl)quinazolin-4(3H)-one derivatives. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 270-6	5.6	3
131	Losartan: Comprehensive Profile. *Profiles of Drug Substances, Excipients and Related Methodology*, **2015**, 40, 159-94	3	22
130	Crystal structure of (E)-3-(4-methoxyphenyl)-1-(thiophen-2-yl)-2- tosylprop-2-en-1-one, C21H18O4S2. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2015**, 230, 61-62	0.2	
129	Isatin-pyrazole benzenesulfonamide hybrids potently inhibit tumor-associated carbonic anhydrase isoforms IX and XII. *European Journal of Medicinal Chemistry*, **2015**, 103, 583-93	6.8	77

128	2-((Benzimidazol-2-yl)thio)-1-arylethan-1-ones: Synthesis, crystal study and cancer stem cells CD133 targeting potential. *European Journal of Medicinal Chemistry*, **2015**, 104, 1-10	6.8	18
127	Design, synthesis and QSAR study of certain isatin-pyridine hybrids as potential anti-proliferative agents. *European Journal of Medicinal Chemistry*, **2015**, 90, 684-94	6.8	71
126	Inhibition of human carbonic anhydrase isozymes I, II, IX and XII with a new series of sulfonamides incorporating aroylhydrazone-, [1,2,4]triazolo[3,4-b][1,3,4]thiadiazinyl- or 2-(cyanophenylmethylene)-1,3,4-thiadiazol-3(2H)-yl moieties. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 52-6	5.6	38
125	Design, synthesis and in vitro antitumor activity of novel N-substituted-4-phenyl/benzylphthalazin-1-ones. *European Journal of Medicinal Chemistry*, **2015**, 89, 549-60	6.8	45
124	Hydrolysis and Hydrazinolysis of Isatin-Based Ald- and Ketazines. *Journal of Chemistry*, **2015**, 2015, 1-6	2.3	4
123	Design, synthesis and antitubercular activity of certain nicotinic Acid hydrazides. *Molecules*, **2015**, 20, 8800-15	4.8	50
122	Indoline ureas as potential anti-hepatocellular carcinoma agents targeting VEGFR-2: Synthesis, in vitro biological evaluation and molecular docking. *European Journal of Medicinal Chemistry*, **2015**, 100, 89-97	6.8	46
121	Development of certain novel N-(2-(2-(2-oxoindolin-3-ylidene)hydrazinecarbonyl)phenyl)-benzamides and 3-(2-oxoindolin-3-ylideneamino)-2-substituted quinazolin-4(3H)-ones as CFM-1 analogs: design, synthesis, QSAR analysis and anticancer activity. *European Journal of Medicinal Chemistry*, **2015**, 92, 191-201	6.8	22
120	Design, synthesis and in vitro antiproliferative activity of novel isatin-quinazoline hybrids. *Archiv Der Pharmazie*, **2015**, 348, 144-54	4.3	39
119	Analogue-based design, synthesis and biological evaluation of 3-substituted-(methylenehydrazono)indolin-2-ones as anticancer agents. *European Journal of Medicinal Chemistry*, **2014**, 78, 275-80	6.8	36
118	Induction of intrinsic apoptosis pathway in colon cancer HCT-116 cells by novel 2-substituted-5,6,7,8-tetrahydronaphthalene derivatives. *European Journal of Medicinal Chemistry*, **2014**, 77, 323-33	6.8	34
117	New 1,2- and 1,3-Aza-ylides of 3-Amino-2-substituted-1H-isoindoles. *Heterocycles*, **2014**, 89, 995	0.8	2
116	Synthesis of N-benzenesulfonamide-1H-pyrazoles bearing arylsulfonyl moiety: novel celecoxib analogs as potent anti-inflammatory agents. *European Journal of Medicinal Chemistry*, **2014**, 80, 416-22	6.8	44
115	Inhibition of carbonic anhydrases from the extremophilic bacteria Sulfurihydrogenibium yellostonense (SspCA) and S. azorense (SazCA) with a new series of sulfonamides incorporating aroylhydrazone-, [1,2,4]triazolo[3,4-b][1,3,4]thiadiazinyl- or 2-(cyanophenylmethylene)-1,3,4-thiadiazol-3(2H)-yl moieties. *Bioorganic and Medicinal Chemistry*,	3.4	42
114	Cyclodesulfurization of Substituted Thiosemicarbazides into 1,3,4-Oxadiazoles via Hydrazonoyl Chlorides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2014**, 189, 1328-1336	1	1
113	Improvement of antibacterial activity of some sulfa drugs through linkage to certain phthalazin-1(2H)-one scaffolds. *European Journal of Medicinal Chemistry*, **2014**, 85, 480-6	6.8	52
112	Synthesis and antitumor activity of pyrido [2,3-d]pyrimidine and pyrido[2,3-d] [1,2,4]triazolo[4,3-a]pyrimidine derivatives that induce apoptosis through G1 cell-cycle arrest. *European Journal of Medicinal Chemistry*, **2014**, 83, 155-66	6.8	74
111	A rhodamine–quinoline based chemodosimeter capable of recognising endogenous OCl⁻ in human blood cells. *RSC Advances*, **2014**, 4, 24881-24886	3.7	38

110	Nanomolar detection of hypochlorite by a rhodamine-based chiral hydrazide in absolute aqueous media: application in tap water analysis with live-cell imaging. *Analytical Chemistry*, **2014**, 86, 6315-22	7.8	87
109	Multistage fragmentation of ion trap mass spectrometry system and pseudo-MS3 of triple quadrupole mass spectrometry characterize certain (E)-3-(dimethylamino)-1-arylprop-2-en-1-ones: a comparative study. *Scientific World Journal, The*, **2014**, 2014, 702819	2.2	2
108	Design, Synthesis, and Molecular Docking of 1-(1-(4-Chlorophenyl)-2-(phenylsulfonyl)ethylidene)-2-phenylhydrazine as Potent Nonazole Anticandidal Agent. *Journal of Chemistry*, **2014**, 2014, 1-8	2.3	12
107	Synthesis and X-Ray Structure of (1Z,2Z)-1,2-Bis(2-(phenylsulfonyl)-1-(4-tolyl)ethylidene)hydrazine. *Journal of Chemistry*, **2014**, 2014, 1-5	2.3	
106	Synthesis, Crystal Structure, and Biological Activity ofcis/transAmide Rotomers of (Z)-N?-(2-Oxoindolin-3-ylidene)formohydrazide. *Journal of Chemistry*, **2014**, 2014, 1-7	2.3	10
105	Crystal structure of ({(E)-[3-(1H-imidazol-1-yl)-1-phenylpropylidene]amino}-oxy)(4-methylphenyl)methanone, C20H19N3O2. *Zeitschrift Fur Kristallographie - New Crystal Structures*, **2014**, 229, 307-308	0.2	1
104	Microwave-Assisted Synthesis and Characterization of Certain Oximes, Hydrazones, and Olefins Derived from-Keto Sulfones. *Journal of Chemistry*, **2014**, 2014, 1-6	2.3	4
103	Oxidative Cleavage of-Keto Sulfones via Nitrous Acid. *Journal of Chemistry*, **2014**, 2014, 1-4	2.3	
102	Induced in-source fragmentation pattern of certain novel (1Z,2E)-N-(aryl)propanehydrazonoyl chlorides by electrospray mass spectrometry (ESI-MS/MS). *Chemistry Central Journal*, **2013**, 7, 16		6
101	Carbonic anhydrase inhibitors. Benzenesulfonamides incorporating cyanoacrylamide moieties strongly inhibit Saccharomyces cerevisiae -carbonic anhydrase. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 3570-5	2.9	16
100	Synthesis and biological evaluation of some N-arylpyrazoles and pyrazolo[3,4-d]pyridazines as anti-inflammatory agents. *Archiv Der Pharmazie*, **2013**, 346, 688-98	4.3	7
99	Synthesis and anticancer potential of certain novel 2-oxo-N(2-oxoindolin-3-ylidene)-2H-chromene-3-carbohydrazides. *European Journal of Medicinal Chemistry*, **2013**, 70, 358-63	6.8	28
98	Carbonic anhydrase inhibitors: benzenesulfonamides incorporating cyanoacrylamide moieties are low nanomolar/subnanomolar inhibitors of the tumor-associated isoforms IX and XII. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 1396-403	3.4	46
97	Unexpected ring-opening of 3-aroylbenzo[b]furans at room temperature: a new route for the construction of phenol-substituted pyrazoles. *Tetrahedron Letters*, **2013**, 54, 3424-3426	2	12
96	The reaction of ethyl 2-oxo-2H-chromene-3-carboxylate with hydrazine hydrate. *Molecules*, **2013**, 18, 2084-95	4.8	9
95	Synthesis of new functionalized derivatives of indolo[2,3-e][1,2,4]-triazolo-[4,5-b]-1,2,4-triazine. *Journal of the Serbian Chemical Society*, **2013**, 78, 1119-1125	0.9	8
94	Synthesis and X-Ray Crystal Structure of (1E)-1-(4-Chlorophenyl)-N-hydroxy-3-(1H-imidazol-1-yl)propan-1-imine. *Journal of Chemistry*, **2013**, 2013, 1-4	2.3	1
93	A Facile Synthesis of Pyrido[2?,3?:3,4]pyrazolo[1,5-a]pyrimidine and Pyrido[2?,3?:3,4]pyrazolo[5,1-c][1,2,4]triazine Bearing a Thiophene Moiety. *Journal of Chemistry*, **2013**, 2013, 1-7	2.3	6

92	Microwave-assisted synthesis of 5-arylbenzofuran-2-carboxylates via Suzuki coupling using 2-quinolinealdoxime-Pd(II)-complex. *Arkivoc*, **2013**, 2013, 210-226	0.9	8
91	Convenient synthesis, anti-inflammatory, analgesic and ulcerogenic activites of some new bis-hydrazones and pyrazole derivatives. *Acta Poloniae Pharmaceutica*, **2013**, 70, 469-80	1.3	5
90	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. *Heterocycles*, **2012**, 85, 2291	0.8	32
89	Design, synthesis and pharmacophoric model building of novel substituted nicotinic acid hydrazones with potential antiproliferative activity. *Archives of Pharmacal Research*, **2012**, 35, 1543-52	6.1	23
88	Schiff bases of indoline-2,3-dione (isatin) with potential antiproliferative activity. *Chemistry Central Journal*, **2012**, 6, 49		9
87	3-(3-Meth-oxy-phen-yl)benzo[d]thia-zolo[3,2-a]imidazol-9-ium hydrogen sulfate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2407-8		
86	(E)-2-(2,3-Dimethyl-anilino)-N′-(thio-phen-2-yl-methyl-idene)benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2524-5		2
85	(1Z,2E)-N′-{1-[2-(4-Bromo-phen-yl)hydrazin-1-yl-idene]-1-chloro-propan-2-yl-idene}thio-phene-2-carbohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1510-1		1
84	3-(1H-Imidazol-1-yl)-1-phenyl-propan-1-ol. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o628		
83	(1Z,2E)-N′-{2-Chloro-1-methyl-2-[2-(4-methyl-phen-yl)hydrazin-1-yl-idene]ethyl-idene}-4-meth-oxy-benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o926		1
82	(Z)-1-(4-Methyl-phen-yl)-2-(phenyl-sulfon-yl)ethanone oxime. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2369		
81	2-Anilino-4-(1,3-benzothia-zol-2-yl)-5-(4-chloro-benzo-yl)thio-phene-3-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2529		1
80	3-Acetyl-1-(3-methyl-phen-yl)-5-phenyl-1H-pyrazole-4-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o485-6		
79	5,6-Dimethyl-4-(thio-phen-2-yl)-1H-pyrazolo-[3,4-b]pyridin-3-amine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o612-3		2
78	N′-[(1E,2E)-3,7-Dimethyl-octa-2,6-dien-1-yl-idene]pyridine-4-carbohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1144-5		2
77	(E)-2-(2,3-Dimethyl-anilino)-N′-[2-methyl-5-(prop-1-en-2-yl)cyclo-hex-2-enyl-idene]benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1135		4
76	(E)-N′-(4-Isopropyl-benzyl-idene)isonicotinohydrazide monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1002		4
75	1-(4-Methyl-phen-yl)-2-(phenyl-sulfon-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1033		3

74	3-Chloro-4-methyl-quinolin-2(1H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1043	2
73	3-Acetyl-1,5-diphenyl-1H-pyrazole-4-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1095-6	6
72	(Z)-3-p-Tolyl-2-(p-tolyl-imino)-1,3-thia-zolidin-4-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1143	1
71	3-Acetyl-5-phenyl-1-p-tolyl-1H-pyrazole-4-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1167	1
70	3-Methyl-1-benzofuran-2-carbohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1255-6	1
69	(E)-3-Anilino-2-benzoyl-3-(methyl-sulfan-yl)acrylonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1271	
68	(Z)-2-(4-Chloro-benzyl-idene)benzo[d]thia-zolo[3,2-a]imidazol-3(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1393-4	1
67	(Z)-7-[2-(4-Bromo-phen-yl)hydrazin-1-yl-idene]-6-methyl-3-(pyridin-4-yl)-7H-1,2,4-triazolo[3,4-b][1,3,4]thia-diazine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1512-3	3
66	1-(4-Fluoro-phen-yl)-2-(phenyl-sulfon-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1659	
65	1-(5-Bromo-1-benzofuran-2-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1682	4
64	2-Phenyl-N'-(2-phenyl-acet-yl)acetohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1680	
63	6-(4-Bromo-phen-yl)-3-methyl-7H-1,2,4-triazolo[3,4-b][1,3,4]thia-diazine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1681	
62	2-{2-[(E)-(2-Benzoyl-hydrazin-1-yl-idene)meth-yl]phen-oxy}acetic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2260-1	
61	2-[(1H-Benzimidazol-2-yl)sulfan-yl]-1-phenyl-ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2262	1
60	1-Chloro-1-[(Z)-2-phenyl-hydrazin-1-yl-idene]propan-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2263	
59	(N'E,N'E)-N',N'[1-(4-Chloro-phen-yl)ethane-1,2-diyl-idene]bis-(3-methyl-1-benzofuran-2-carbohydrazide). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2405-6	
58	2-(2,3-Dimethyl-anilino)benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2527-8	3
57	2,3,5-Triphenyl-2H-tetra-zol-3-ium tetra-phenyl-borate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2567	1

56	2,3,5-Triphenyl-2H-tetra-zol-3-ium bromide ethanol monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2566		
55	2,3,5-Triphenyl-2H-tetra-zol-3-ium iodide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2621		
54	(Z)-2-Benzyl-idenebenzo[d]thia-zolo[3,2-a]imidazol-3(2H)-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2705		
53	3-Oxo-3-(piperidin-1-yl)propane-nitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2726		
52	1-(1,5-Diphenyl-4-phenyl-sulfonyl-1H-pyrazol-3-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2725		
51	(Z)-2-(5-Acetyl-4-methyl-3-phenyl-2,3-dihydro-1,3-thia-zol-2-yl-idene)-3-(3-methyl-1-benzofuran-2-yl)-3-oxo-propane-nit-ri *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2727		1
50	Unexpected Configuration in Stereoselectively Synthesis of Some Novel (1Z)-1-(morpholin-1-yl)-N2-Arylamidrazones. *Letters in Organic Chemistry*, **2012**, 9, 487-492	0.6	9
49	Synthesis of New Heterocycles Derived from 3-(3-Methyl-1H-indol-2-yl)-3-oxopropanenitrile as Potent Antifungal Agents. *Bulletin of the Korean Chemical Society*, **2012**, 33, 2985-2990	1.2	50
48	Microwave-assisted one-step synthesis of fenamic acid hydrazides from the corresponding acids. *Molecules*, **2011**, 16, 3544-51	4.8	12
47	Schiff bases of indoline-2,3-dione: potential novel inhibitors of Mycobacterium tuberculosis (Mtb) DNA gyrase. *Molecules*, **2011**, 16, 7864-79	4.8	33
46	Microwave-assisted solution-phase synthesis and DART-mass spectrometric monitoring of a combinatorial library of indolin-2,3-dione schiff bases with potential antimycobacterial activity. *Molecules*, **2011**, 16, 5194-206	4.8	9
45	Microwave-assisted Synthesis of Novel 3,4-Bis-chalcone-N-arylpyrazoles and Their Anti-inflammatory Activity. *Journal of the Chinese Chemical Society*, **2011**, 58, 863-868	1.5	10
44	Synthesis of some new azole, pyrimidine, pyran, and benzo/naphtho[b]furan derivatives incorporating thiazolo[3,2-a]benzimidazole moiety. *Journal of Heterocyclic Chemistry*, **2011**, 48, 355-360	1.9	20
43	Synthesis of New 2-Substituted 6-Bromo-3-methylthiazolo[3,2-a]- benzimidazole Derivatives and their Biological Activities. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2011**, 66, 7-16	1.7	
42	3-(5-Phenyl-4-phenyl-sulfonyl-1-p-tolyl-1H-pyrazol-3-yl)-1,2-dihydro-quinoxaline. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o695		1
41	(Z)-Ethyl 2-cyano-2-{2-[5,6-dimethyl-4-(thio-phen-2-yl)-1H-pyrazolo-[3,4-b]pyridin-3-yl]hydrazinylidene}acetate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2145-6		2
40	2-(6-Phenyl-7H-1,2,4-triazolo[3,4-b][1,3,4]thia-diazin-3-yl)-1,3-benzothia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2610		1
39	4-(3,4-Diacetyl-5-methyl-1H-pyrazol-1-yl)benzene-sulfonamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o693		

38	3-[(E)-3-(4-Meth-oxy-phen-yl)prop-2-eno-yl]-1-(4-methyl-phen-yl)-5-phenyl-1H-pyrazole-4-carbonitrile. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o694		1
37	Ethyl 5-bromo-1-benzofuran-2-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o696		1
36	1-[(Z)-2-Phenyl-hydrazin-1-yl-idene]-1-(piperidin-1-yl)propan-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2172		1
35	N'-[(1E,2E)-1-(2-Phenyl-hydrazin-1-yl-idene)-1-(phenyl-sulfon-yl)propan-2-yl-idene]benzohydrazide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2317-8		2
34	Ethyl 1-(4-methyl-phen-yl)-5-phenyl-4-phenyl-sulfon-yl-1H-pyrazole-3-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2623-4		1
33	2-(1H-1,3-Benzodiazol-2-ylsulfan-yl)-1-(4-chloro-phen-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2639		1
32	1-(1-Benzofuran-2-yl)-2-(phenyl-sulfon-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2675		3
31	1-[1-(3-Methyl-phen-yl)-5-phenyl-4-phenyl-sulfonyl-1H-pyrazol-3-yl]ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2922		
30	1-(4-Bromo-phen-yl)-2-(phenyl-sulfon-yl)ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2640		1
29	Synthesis of Diarylpyrazoles Containing a Phenylsulphone or Carbonitrile Moiety and their Chalcones as Possible Anti-Inflammatory Agents. *Scientia Pharmaceutica*, **2011**, 79, 507-24	4.3	22
28	Synthesis of new 2-substituted 6-bromo-3-methylthiazolo[3,2-alpha]-benzimidazole derivatives and their biological activities. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2011**, 66, 7-16	1.7	1
27	(Z)-3-Hydrazinyl-idene-1-phenyl-indolin-2-one. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o3014		
26	3-Acetyl-5-methyl-1-(4-methyl-phen-yl)-1H-pyrazole-4-carboxamide. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o3010		
25	3,4,7-Trimethyl-2-(4-methyl-phen-yl)-2H-pyrazolo-[3,4-d]pyridazin-5-ium thio-cyanate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o3344		3
24	One-Pot Synthesis of Enaminones Using Golds Reagent. *Letters in Organic Chemistry*, **2010**, 7, 483-486	0.6	15
23	Thiazolo[3,2-a]benzimidazoles: synthetic strategies, chemical transformations and biological activities. *Molecules*, **2010**, 15, 3775-815	4.8	31
22	Facile synthesis and in-vitro antitumor activity of some pyrazolo[3,4-b]pyridines and pyrazolo[1,5-a]pyrimidines linked to a thiazolo[3,2-a]benzimidazole moiety. *Archiv Der Pharmazie*, **2010**, 343, 24-30	4.3	30
21	Microwave-assisted synthesis and in-vitro anti-tumor activity of 1,3,4-triaryl-5-N-arylpyrazole-carboxamides. *European Journal of Medicinal Chemistry*, **2010**, 45, 2427-32	6.8	74

20	Stereoselective synthesis and antiviral activity of (1E,2Z,3E)-1-(piperidin-1-yl)-1-(arylhydrazono)-2-[(benzoyl/benzothiazol-2-oyl)hydrazono]-4-(aryl(1))but-3-enes. *Archiv Der Pharmazie*, **2010**, 343, 152-9	4.3	43
19	Modulation of carcinogen metabolizing enzymes by new fused heterocycles pendant to 5,6,7,8-tetrahydronaphthalene derivatives. *European Journal of Medicinal Chemistry*, **2010**, 45, 463-70	6.8	29
18	Immunomodulatory and anticancer activities of some novel 2-substituted-6-bromo-3-methylthiazolo[3,2-a]benzimidazole derivatives. *Archiv Der Pharmazie*, **2009**, 342, 230-7	4.3	32
17	Synthesis and anti-arrhythmic activity of some piperidine-based 1,3-thiazole, 1,3,4-thiadiazole, and 1,3-thiazolo[2,3-c]-1,2,4-triazole derivatives. *Monatshefte Fü Chemie*, **2009**, 140, 431-437	1.4	20
16	Synthesis and antimicrobial evaluation of some 1,3-thiazole, 1,3,4-thiadiazole, 1,2,4-triazole, and 1,2,4-triazolo[3,4-b][1,3,4]-thiadiazine derivatives including a 5-(benzofuran-2-yl)-1-phenylpyrazole moiety. *Monatshefte Fü Chemie*, **2009**, 140, 601-605	1.4	53
15	Synthesis and antimicrobial evaluation of 1-(benzofuran-2-yl)-4-nitro-3-arylbutan-1-ones and 3-(benzofuran-2-yl)-4,5-dihydro-5-aryl-1-[4-(aryl)-1,3-thiazol-2-yl]-1H-pyrazoles. *European Journal of Medicinal Chemistry*, **2009**, 44, 2632-5	6.8	178
14	Convenient synthesis and antimicrobial evaluation of some novel 2-substituted-3-methylbenzofuran derivatives. *European Journal of Medicinal Chemistry*, **2009**, 44, 3637-44	6.8	70
13	Stereoselective synthesis and antimicrobial activity of benzofuran-based (1E)-1-(piperidin-1-yl)-N2-arylamidrazones. *European Journal of Medicinal Chemistry*, **2009**, 44, 4985-97	6.8	57
12	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. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2009**, 64, 826-830	1	2
11	Synthesis of some novel pyrazolo[1,5-a]pyrimidine, 1,2,4-triazolo[1,5-a]pyrimidine, pyrido[2,3-d]pyrimidine, pyrazolo[5,1-c]-1,2,4-triazine and 1,2,4-triazolo[5,1-c]-1,2,4-triazine derivatives incorporating a thiazolo[3,2-a]benzimidazole moiety. *Journal of Heterocyclic Chemistry*, **2008**, 45, 1033-1037	1.9	33
10	Convenient synthesis and antimicrobial activity of new 3-substituted 5-(benzofuran-2-yl)-pyrazole derivatives. *Archiv Der Pharmazie*, **2008**, 341, 734-9	4.3	48
9	Synthesis of some new benzofuran-based thiophene, 1,3-oxathiole and 1,3,4-oxa(thia)diazole derivatives. *Heteroatom Chemistry*, **2007**, 18, 294-300	1.2	33
8	Synthesis of Some 1,3-Thiazole, 1,3,4-Thiadiazole, Pyrazolo[5,1-c]-1,2,4-triazine, and 1,2,4-Triazolo[5,1-c]-1,2,4-triazine Derivatives Based on the Thiazolo[3,2-a]benzimidazole Moiety. *Monatshefte Fü Chemie*, **2007**, 138, 1001-1010	1.4	25
7	Synthesis and Reactions of 3-Methylthiazolo[3,2-a]Benzimidazole-2-Carboxylic Acid Hydrazide: Synthesis of Some New Pyrazole, 1,3-Thiazoline, 1,2,4-Triazole and 1,2,4-Triazolo[3,4-b]-1,3,4-Thiadiazine Derivatives Pendant to Thiazolo[3,2-a]Benzimidazole Moiety. *Journal of the Chinese Chemical Society*, **2007**, 54, 1573-1582	1.5	31
6	A Convenient Access to Functionalized Pyrazole, Pyrazolyl-Azole, and Pyrazolo[3,4-d]Pyridazine Derivatives. *Journal of the Chinese Chemical Society*, **2006**, 53, 873-880	1.5	16
5	Synthesis and antimicrobial evaluation of some 1,2,4-triazole, 1,3,4-oxa(thia)diazole, and 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazine derivatives. *Heteroatom Chemistry*, **2005**, 16, 621-627	1.2	55
4	Azoles and Azolo-Azines via 3-(3-Methylbenzofuran-2-Yl)-3-Oxopropanenitrile. *Journal of Chemical Research*, **2005**, 2005, 378-381	0.6	19
3	Synthesis of some new pyridazine, 1,2,4-triazine and 1,3,4-thiadiazole derivatives. *Journal of Chemical Research*, **2004**, 2004, 808-810	0.6	24

2	Crystal structure, Hirshfeld surface analysis and computational study of three 2-(4-arylthiazol-2-yl)isoindoline-1,3-dione derivatives. *Molecular Crystals and Liquid Crystals*,1-16	0.5	0
1	Novel 2-(5-Aryl-4,5-Dihydropyrazol-1-yl)thiazol-4-One as EGFR Inhibitors: Synthesis, Biological Assessment and Molecular Docking Insights. *Drug Design, Development and Therapy*,Volume 16, 1457-1471	4.4	0