

Samir Y Abbas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	995 citations	19 h-index	31 g-index
58 ext. papers	1,184 ext. citations	2.9 avg, IF	4.71 L-index

#	Paper	IF	Citations
49	Synthesis and hyperglycemic, biochemical and histopathological evaluation of novel sulfonylbiguanide and sulfonylurea derivatives as potent anti-diabetic agents. <i>Bioorganic Chemistry</i> , 2021 , 117, 105418	5.1	0
48	Synthesis and antiviral evaluation of 5-(aryloxy)salicylaldehyde thiosemicarbazone derivatives as potent anti-bovine viral diarrhea virus agents. <i>Synthetic Communications</i> , 2021 , 51, 2168-2174	1.7	2
47	Novel structural hybrids of quinoline and thiazole moieties: Synthesis and evaluation of antibacterial and antifungal activities with molecular modeling studies. <i>Bioorganic Chemistry</i> , 2021 , 110, 104803	5.1	34
46	Synthesis and antiviral screening of 2-(propylthio)-7-substituted-thiazolo[5,4-d]pyrimidines as anti-bovine viral diarrhea virus agents. <i>Journal of Heterocyclic Chemistry</i> , 2021 , 58, 1766-1774	1.9	2
45	Synthesis and Evaluation of 5-imino-4-thioxoimidazolidin-2-one Derivatives as Antibacterial and Antifungal Agents. <i>Medicinal Chemistry</i> , 2021 , 17, 638-645	1.8	3
44	Addition of the tertiary radicals to electron-deficient 1,3-dienes using photoredox catalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 418, 113434	4.7	1
43	Synthesis and biological evaluation of 3-(2,4-dichlorophenoxyethyl)-1-phenyl-1H-pyrazole derivatives as potential antitumor agents. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 2567-2575	2	2
42	Silica Sulfuric Acid/Ethylene Glycol: An Efficient Eco-Friendly Catalyst for One-Pot Synthesis of New Benzo[4,5]imidazo[1,2-a]pyrimidines. <i>Organic Preparations and Procedures International</i> , 2020 , 52, 249-260	1.1	5
41	Utilization of cyanothioformamides in the syntheses of various types of imidazole derivatives. <i>Synthetic Communications</i> , 2020 , 50, 621-648	1.7	2
40	Synthesis and anticancer activity of thiourea derivatives bearing a benzodioxole moiety with EGFR inhibitory activity, apoptosis assay and molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2020 , 198, 112363	6.8	23
39	Silica sulfuric acid/ethylene glycol as an efficient catalyst for the synthesis of benzo[4,5]imidazo[1,2-a]pyrimidine-3-carbonitrile derivatives. <i>Synthetic Communications</i> , 2019 , 49, 3112-3120	1.7	6
38	Synthesis, structural characterization and in vivo anti-diabetic evaluation of some new sulfonylurea derivatives in normal and silicate coated nanoparticle forms as anti-hyperglycemic agents. <i>Bioorganic Chemistry</i> , 2019 , 92, 103290	5.1	14
37	Synthesis and anticancer activity of bis-benzo[d][1,3]dioxol-5-yl thiourea derivatives with molecular docking study. <i>Bioorganic Chemistry</i> , 2019 , 90, 103088	5.1	11
36	5-Thioxoimidazolidine-2-one derivatives: Synthesis, anti-inflammatory activity, analgesic activity, COX inhibition assay and molecular modelling study. <i>Bioorganic Chemistry</i> , 2019 , 87, 679-687	5.1	11
35	Efficient synthesis and anti-bovine viral diarrhea virus evaluation of 5-(aryldiazo)salicylaldehyde thiosemicarbazone derivatives. <i>Synthetic Communications</i> , 2019 , 49, 2411-2416	1.7	9
34	Regioselective transmonocyanoacetylation of o-phenylenediamine derivatives: simple and efficient synthesis of 2-cyanomethylbenzimidazole derivatives. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 639-643	2	2
33	1,6-Addition of Tertiary Carbon Radicals Generated From Alcohols or Carboxylic Acids by Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018 , 20, 868-871	6.2	25

32	Quinoline derivatives bearing pyrazole moiety: Synthesis and biological evaluation as possible antibacterial and antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1463-1473	6.8	103
31	Synthesis, characterization and antimicrobial activity of 5-(aryloxy)salicylaldehydes and their copper(II) complexes. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4032	3.1	6
30	New series of 4(3H)-quinazolinone derivatives: syntheses and evaluation of antitumor and antiviral activities. <i>Medicinal Chemistry Research</i> , 2018 , 27, 571-582	2.2	34
29	Design, synthesis and biological evaluation of quinoxaline N-propionic and O-propionic hydrazide derivatives as antibacterial and antifungal agents. <i>Medicinal Chemistry Research</i> , 2018 , 27, 2287-2296	2.2	11
28	An overview on synthetic strategies to coumarins. <i>Synthetic Communications</i> , 2018 , 48, 1534-1550	1.7	30
27	Synthesis and Evaluation of Antibacterial and Antifungal Activities of 1,3-Disubstituted-4-thioxoimidazolidin-2-one Derivatives. <i>Croatica Chemica Acta</i> , 2018 , 91,	0.8	7
26	Synthesis of Chromen-2-one, Pyrano[3,4-c]chromene and Pyridino[3,4-c]chromene Derivatives as Potent Antimicrobial Agents. <i>Croatica Chemica Acta</i> , 2018 , 91,	0.8	9
25	Design, synthesis, antiproliferative activity, molecular docking and cell cycle analysis of some novel (morpholinosulfonyl) isatins with potential EGFR inhibitory activity. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 918-932	6.8	52
24	New Biguanides as Anti-Diabetic Agents, Part II: Synthesis and Anti-Diabetic Properties Evaluation of 1-Arylamidebiguanide Derivatives as Agents of Insulin Resistant Type II Diabetes. <i>Archiv Der Pharmazie</i> , 2017 , 350, 1700183	4.3	6
23	New Biguanides as Anti-Diabetic Agents Part I: Synthesis and Evaluation of 1-Substituted Biguanide Derivatives as Anti-Diabetic Agents of Type II Diabetes Insulin Resistant. <i>Drug Research</i> , 2017 , 67, 557-563 ¹⁸	1.8	6
22	New 1,3-diaryl-5-thioxo-imidazolidin-2,4-dione derivatives: synthesis, reactions and evaluation of antibacterial and antifungal activities. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016 , 71, 875-881	1	25
21	New imidazolidineiminothione derivatives: Synthesis, spectral characterization and evaluation of antitumor, antiviral, antibacterial and antifungal activities. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 419-428	6.8	24
20	Transmonocyanoacetylation of phenylenediamines: a simple and efficient synthesis of novel N-(aminophenyl)-2-cyanoacetamides and their derivatives. <i>Tetrahedron Letters</i> , 2016 , 57, 275-277	2	9
19	Synthesis and Antimicrobial Activity of Furochromone, Benzofuran and Furocoumarin Derivatives Bearing Sulfonyl Moiety. <i>Croatica Chemica Acta</i> , 2016 , 89, 91-100	0.8	14
18	New Imidazolidineiminothione, Imidazolidin-2-one and Imidazoquinoxaline ?Derivatives: Synthesis and Evaluation of Antibacterial and Antifungal Activities. <i>Current Organic Synthesis</i> , 2016 , 13, 466-475	1.9	36
17	Utilization of isatoic anhydride in the syntheses of various types of quinazoline and quinazolinone derivatives. <i>Synthetic Communications</i> , 2016 , 46, 993-1035	1.7	35
16	Synthesis of pyrazoles containing benzofuran and trifluoromethyl moieties as possible anti-inflammatory and analgesic agents. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015 , 70, 519-526	1	15
15	Silica Sulfuric Acid: An Efficient, Reusable, Heterogeneous Catalyst for the One-Pot, Five-Component Synthesis of Highly Functionalized Piperidine Derivatives. <i>Synthetic Communications</i> , 2015 , 45, 1073-1081	1.7	28

14	Synthesis, Characterization, and Molluscicidal Activity of Mn, Co, Ni, and Cu Complexes of Ethyl 5-Amino-2-(Methylthio) Thiazole-4-Carboxylate. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 537-540		3
13	Synthesis and characterization of new types of 2-(6-methoxy-2-naphthyl)propionamide derivatives as potential antibacterial and antifungal agents. <i>Medicinal Chemistry Research</i> , 2013 , 22, 5598-5609	2.2	29
12	Synthesis, characterization, and antiviral activity of novel fluorinated isatin derivatives. <i>Monatshefte für Chemie</i> , 2013 , 144, 1725-1733	1.4	43
11	Synthesis of new tridentate 5-(aryazo) salicylaldehyde ligands and their Cu (II) complexes. <i>Journal of Molecular Structure</i> , 2013 , 1050, 192-196	3.4	7
10	Synthesis, characterization, and evaluation of some novel 4(3H)-quinazolinone derivatives as anti-inflammatory and analgesic agents. <i>Medicinal Chemistry Research</i> , 2013 , 22, 440-452	2.2	27
9	Synthesis of thiosemicarbazones derived from N-(4-hippuric acid)thiosemicarbazide and different carbonyl compounds as antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 67, 263-8	6.8	39
8	Thiourea derivatives incorporating a hippuric acid moiety: synthesis and evaluation of antibacterial and antifungal activities. <i>European Journal of Medicinal Chemistry</i> , 2013 , 64, 111-20	6.8	59
7	Synthesis of some azoles incorporating a sulfonamide moiety as anticonvulsant agents. <i>Archiv Der Pharmazie</i> , 2012 , 345, 703-12	4.3	49
6	Synthesis of some new 4(3H)-quinazolinone-2-carboxaldehyde thiosemicarbazones and their metal complexes and a study on their anticonvulsant, analgesic, cytotoxic and antimicrobial activities - part-1. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 3365-73	6.8	133
5	Synthesis of Novel Diastereomer Pyrimido[1,2-a]Benzimidazoles by Using Silica Sulfuric Acid/Ethylene Glycol. <i>Polycyclic Aromatic Compounds</i> , 1-10	1.3	1
4	Synthesis and Biological Evaluation of Chromen-2-One and Chromen-2-Imine Derivatives Bearing Aryldiazenyl Moiety as Expected Antimicrobial Agents. <i>Polycyclic Aromatic Compounds</i> , 1-11	1.3	
3	Synthesis and antimicrobial evaluation of new 2-pyridinone and 2-iminochromene derivatives containing morpholine moiety. <i>Journal of Heterocyclic Chemistry</i> ,	1.9	1
2	Synthesis and antimicrobial activity of 4-methylthiazole and 4-thiazolidinone derivatives derived from 5-(aryldiazo)salicylaldehyde thiosemicarbazones. <i>Synthetic Communications</i> , 1-7	1.7	2
1	Diazenylschiff bases of salicylaldehydes: Synthesis and antimicrobial evaluation of 5-(aryldiazo) salicylaldehydes. <i>Synthetic Communications</i> , 1-7	1.7	