

Mohamed A Al-Omar

List of Publications by Year in descending order

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276
papers

3,483
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186265
28
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214800
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285
all docs

285
docs citations

285
times ranked

3508
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, antimicrobial, and anti-HIV-1 activity of certain 5-(1-adamantyl)-2-substituted thio-1,3,4-oxadiazoles and 5-(1-adamantyl)-3-substituted aminomethyl-1,3,4-oxadiazoline-2-thiones. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 5107-5113.	3.0	341
2	Design, synthesis and biological evaluation of novel quinazoline derivatives as potential antitumor agents: Molecular docking study. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4188-4198.	5.5	207
3	Non-classical antifolates. Part 2: Synthesis, biological evaluation, and molecular modeling study of some new 2,6-substituted-quinazolin-4-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2849-2863.	3.0	121
4	Synthesis and antimicrobial activity of novel 5-(1-adamantyl)-2-aminomethyl-4-substituted-1,2,4-triazoline-3-thiones. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 96-102.	5.5	86
5	Synthesis, Antimicrobial, and Anti-inflammatory Activities of Novel 5-(1-Adamantyl)-4-arylideneamino-3-mercapto-1,2,4-triazoles and Related Derivatives. <i>Molecules</i> , 2010, 15, 2526-2550.	3.8	82
6	Antibacterial Evaluation, In Silico Characters and Molecular Docking of Schiff Bases Derived from 5-aminopyrazoles. <i>Molecules</i> , 2019, 24, 3130.	3.8	54
7	Antiarrhythmic, serotonin antagonist and antianxiety activities of novel substituted thiophene derivatives synthesized from 2-amino-4,5,6,7-tetrahydro-N-phenylbenzo[b]thiophene-3-carboxamide. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5935-5942.	5.5	52
8	Synthesis and In Vitro Antioxidant Activity of some New Fused Pyridine Analogs. <i>Archiv Der Pharmazie</i> , 2005, 338, 175-180.	4.1	51
9	Synthesis and biological evaluation of some novel cyclic-imides as hypoglycaemic, anti-hyperlipidemic agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4324-4329.	5.5	50
10	Rapid and sensitive simultaneous determination of ezetimibe and simvastatin from their combination drug products by monolithic silica high-performance liquid chromatographic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 527-534.	2.8	46
11	Design, synthesis, single-crystal and preliminary antitumor activity of novel arenesulfonylimidazolidin-2-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2008-2014.	2.2	45
12	Synthesis and Antimicrobial Activity of Some New Pyrimidinone and Oxazinone Derivatives Fused with Thiophene Rings Using 2-Chloro-6-ethoxy-4-acetylpyridine as Starting Material. <i>Molecules</i> , 2012, 17, 13642-13655.	3.8	44
13	Synthesis of bioactive polyheterocyclic ring systems as 5 α -reductase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4838-4844.	5.5	43
14	Synthesis of Chiral Macrocyclic or Linear Pyridine Carboxamides from Pyridine-2,6-dicarbonyl Dichloride as Antimicrobial Agents. <i>Molecules</i> , 2010, 15, 6588-6597.	3.8	41
15	Synthesis of Some New Pyridine-2,6-carboxamide-derived Schiff Bases as Potential Antimicrobial Agents. <i>Molecules</i> , 2010, 15, 4711-4721.	3.8	40
16	Steroidal pyrazolines evaluated as aromatase and quinone reductase-2 inhibitors for chemoprevention of cancer. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1127-1132.	7.5	38
17	Synthesis and antibacterial evaluation of fused pyrazoles and Schiff bases. <i>Synthetic Communications</i> , 2018, 48, 2761-2772.	2.1	36
18	Synthesis and antimicrobial activity of some heterocyclic 2,6-bis(substituted)-1,3,4-thiadiazolo-, oxadiazolo-, and oxathiazolidino-pyridine derivatives from 2,6-pyridine dicarboxylic acid dihydrazide. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1103-1110.	2.6	35

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19	Synthesis, molecular docking of novel 1,8-naphthyridine derivatives and their cytotoxic activity against HepG2 cell lines. <i>Medicinal Chemistry Research</i> , 2014, 23, 76-86.	2.4	34
20	Liquid and solid-state study of antioxidant quercetin donor and TCNE acceptor interaction: Focusing on solvent affect on the morphological properties. <i>Journal of Molecular Liquids</i> , 2017, 233, 292-302.	4.9	34
21	A Comparative Study of the Anticancer Activity and PARP-1 Inhibiting Effect of Benzofuran-Pyrazole Scaffold and Its Nano-Sized Particles in Human Breast Cancer Cells. <i>Molecules</i> , 2019, 24, 2413.	3.8	34
22	Design, Synthesis and Docking Studies of Novel Macrocyclic Pentapeptides as Anticancer Multi-Targeted Kinase Inhibitors. <i>Molecules</i> , 2018, 23, 2416.	3.8	33
23	Cytotoxicity and anti-HIV evaluations of some new synthesized quinazoline and thioxopyrimidine derivatives using 4-(thiophen-2-yl)-3,4,5,6-tetrahydrobenzo[h]quinazoline-2(1H)-thione as synthon. <i>Journal of Chemical Sciences</i> , 2012, 124, 693-702.	1.5	31
24	Novel Carbon/PEDOT/PSS-Based Screen-Printed Biosensors for Acetylcholine Neurotransmitter and Acetylcholinesterase Detection in Human Serum. <i>Molecules</i> , 2019, 24, 1539.	3.8	31
25	Design, Synthesis, and Molecular Docking Study of Novel Heterocycles Incorporating 1,3,4-Thiadiazole Moiety as Potential Antimicrobial and Anticancer Agents. <i>Molecules</i> , 2019, 24, 1066.	3.8	31
26	Novel heterocyclic hybrids of pyrazole targeting dihydrofolate reductase: design, biological evaluation and <i>in silico</i> studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1491-1502.	5.2	31
27	Voltammetric determination of montelukast sodium in dosage forms and human plasma. <i>Il Farmaco</i> , 2005, 60, 563-567.	0.9	30
28	Synthesis, Antimicrobial, and Anti-inflammatory Activities of Novel 2-[3-(1-Adamantyl)-4-substituted-5-thioxo-1,2,4-triazolin-1-yl]acetic Acids, 2-[3-(1-Adamantyl)-4-substituted-5-thioxo-1,2,4-triazolin-1-yl]propionic Acids and Related Derivatives. <i>Arzneimittelforschung</i> , 2006, 56, 40-47.	0.4	30
29	Indole Derivatives as Cyclooxygenase Inhibitors: Synthesis, Biological Evaluation and Docking Studies. <i>Molecules</i> , 2018, 23, 1250.	3.8	30
30	Synthesis and biological evaluation of some novel fused thiazolo[3,2-a]pyrimidines as potential analgesic and anti-inflammatory agents. <i>Russian Journal of Bioorganic Chemistry</i> , 2015, 41, 192-200.	1.0	29
31	Square-wave adsorptive stripping voltammetric determination of danazol in capsules. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 989-993.	2.8	28
32	Synthesis and Antimicrobial Activity of New 5-(2-Thienyl)-1,2,4-triazoles and 5-(2-Thienyl)-1,3,4-oxadiazoles and Related Derivatives. <i>Molecules</i> , 2010, 15, 502-514.	3.8	28
33	HIV-1 and HSV-1 virus activities of some new polycyclic nucleoside pyrene candidates. <i>International Journal of Biological Macromolecules</i> , 2013, 54, 51-56.	7.5	28
34	Anti-inflammatory, Analgesic, Anticonvulsant and Antiparkinsonian Activities of Some Pyridine Derivatives Using 2,6-Disubstituted Isonicotinic Acid Hydrazides. <i>Archiv Der Pharmazie</i> , 2010, 343, 648-656.	4.1	27
35	Improved Solid-Contact Nitrate Ion Selective Electrodes Based on Multi-Walled Carbon Nanotubes (MWCNTs) as an Ion-to-Electron Transducer. <i>Sensors</i> , 2019, 19, 3891.	3.8	27
36	Design, Synthesis, Anticancer Evaluation and Molecular Modeling of Novel Estrogen Derivatives. <i>Molecules</i> , 2019, 24, 416.	3.8	27

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37	3-(1-Adamantyl)-1-{[4-(2-methoxyphenyl)piperazin-1-yl]methyl}-4-methyl-1H-1,2,4-triazole-5(4H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1756-o1756.	0.2	25
38	Design and Synthesis of <i>N</i> -Arylphthalimides as Inhibitors of Glucocorticoid-Induced TNF Receptor-Related Protein, Proinflammatory Mediators, and Cytokines in Carrageenan-Induced Lung Inflammation. Journal of Medicinal Chemistry, 2015, 58, 8850-8867.	6.4	25
39	Targeting Cancer Stem Cells with Novel 4-(4-Substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (phenyl)-5-(3,4,5-trimethoxyphenyl) Schiff bases. Medicinal Chemistry Research, 2016, 21, 1746.	3.8	25
40	Synthesis, characterization, and in vitro anti-Mycobacterium tuberculosis activity of terpene Schiff bases. Medicinal Chemistry Research, 2013, 22, 4522-4528.	2.4	24
41	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.	2.4	24
42	5 α -Reductase inhibitors, antiviral and anti-tumor activities of some steroidal cyanopyridinone derivatives. International Journal of Biological Macromolecules, 2012, 50, 171-179.	7.5	22
43	Therapeutic and Toxic Effects of New NSAIDs and Related Compounds: A Review and Prospective Study. International Journal of Pharmacology, 2010, 6, 813-825.	0.3	22
44	Electrochemical Studies and Square-Wave Adsorptive Stripping Voltammetry of Spironolactone Drug. Analytical Letters, 2008, 41, 90-103.	1.8	21
45	Synthesis and Antimicrobial Activity of <i>N</i> -Heteroarylidene-1-adamantylcarbohydrazides and (\pm)-2-(1-Adamantyl)-4-acetyl-5-[5-(4-substituted phenyl-3-isoxazolyl)]-1,3,4-oxadiazolines. Molecules, 2012, 17, 3475-3483.	3.8	21
46	A new investigation for some steroidal derivatives as anti-Alzheimer agents. International Journal of Biological Macromolecules, 2012, 51, 56-63.	7.5	21
47	Spectroscopic, structural characterizations and antioxidant capacity of the chromium (III) niacinamide compound as a diabetes mellitus drug model. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 122-131.	3.9	21
48	In Vitro and In Vivo Anti-Breast Cancer Activities of Some Synthesized Pyrazoliny-estran-17-one Candidates. Molecules, 2018, 23, 1572.	3.8	21
49	Antimicrobial activity of Schiff bases of coumarin-incorporated 1,3,4-oxadiazole derivatives: an in vitro evaluation. Medicinal Chemistry Research, 2013, 22, 4455-4458.	2.4	20
50	Synthesis of a new insulin-mimetic anti-diabetic drug containing vitamin A and vanadium(IV) salt: Chemico-biological characterizations. International Journal of Immunopathology and Pharmacology, 2017, 30, 272-281.	2.1	20
51	Synthesis and <i>in vivo</i> anti-ulcer evaluation of some novel piperidine linked dihydropyrimidinone derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 978-988.	5.2	20
52	Novel Solid-State Potentiometric Sensors Using Polyaniline (PANI) as A Solid-Contact Transducer for Flucarbazone Herbicide Assessment. Polymers, 2019, 11, 1796.	4.5	20
53	Biological Evaluation and Molecular Docking with In Silico Physicochemical, Pharmacokinetic and Toxicity Prediction of Pyrazolo[1,5-a]pyrimidines. Molecules, 2020, 25, 1431.	3.8	20
54	Synthesis and anti-Candidal activity of <i>N</i> -(4-aryl/cyclohexyl)-2-(pyridine-4-yl carbonyl) hydrazinecarbothioamide. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1299-1302.	2.2	19

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55	New Inducible Nitric Oxide Synthase and Cyclooxygenase-2 Inhibitors, Nalidixic Acid Linked to Isatin Schiff Bases via Certain l-Amino Acid Bridges. <i>Molecules</i> , 2016, 21, 498.	3.8	18
56	Synthesis of Novel Uracil Non-Nucleosides Analogues of 3,4-Dihydro-2-Alkylthio-6-benzyl-4-oxopyrimidines and 6-benzyl-1-ethoxymethyl-5-isopropyluracil. <i>Journal of Chemical Research</i> , 2007, 2007, 263-267.	1.3	17
57	Synthesis of some thiopyrimidine and thiazolopyrimidines starting from 2,6-dibenzylidene-3-methylcyclohexanone and its antimicrobial activities. <i>Arabian Journal of Chemistry</i> , 2012, 5, 509-515.	4.9	17
58	A One-Pot Biginelli Synthesis and Characterization of Novel Dihydropyrimidinone Derivatives Containing Piperazine/Morpholine Moiety. <i>Molecules</i> , 2018, 23, 1559.	3.8	17
59	Tailor-Made Specific Recognition of Cyromazine Pesticide Integrated in a Potentiometric Strip Cell for Environmental and Food Analysis. <i>Polymers</i> , 2019, 11, 1526.	4.5	17
60	One-Pot Synthesis of Enaminones Using Golds Reagent. <i>Letters in Organic Chemistry</i> , 2010, 7, 483-486.	0.5	16
61	Separation of nitrophenols. Equilibria in bi- and tri-phasic systems. <i>Arabian Journal of Chemistry</i> , 2011, 4, 99-103.	4.9	16
62	Synthesis, Docking, Computational Studies, and Antimicrobial Evaluations of New Dipeptide Derivatives Based on Nicotinoylglycylglycine Hydrazide. <i>Molecules</i> , 2020, 25, 3589.	3.8	16
63	Synthesis and Characterization of CuFe ₂ O ₄ Nanoparticles Modified with Polythiophene: Applications to Mercuric Ions Removal. <i>Nanomaterials</i> , 2020, 10, 586.	4.1	16
64	Synthesis of Novel Tripeptides Based on Dibenzofuran-2-Sulfonyl-[Aromatic and Hydroxy Aromatic Residues]: Towards Antimicrobial and Antifungal Agents. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3958-3966.	0.4	16
65	1,3,4-THIADIAZOLES. REGIOSELECTIVE O-DEMETHYLATION ON DEHYDRATIVE CYCLIZATION OF 1-(3,4,5-TRIMETHOXYBENZOYL)4-SUBSTITUTED THIOSEMICARBAZIDES WITH SULPHURIC ACID. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 2509-2517.	1.6	15
66	Tadalafil. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2011, 36, 287-329.	8.0	15
67	Antimicrobial activity of newly synthesized methylsulfanyl-triazoloquinazoline derivatives. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 790-797.	2.4	15
68	Synthesis and antitumor activity of 4-cyclohexyl/aryl-5-(pyridin-4-yl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones. <i>Medicinal Chemistry Research</i> , 2015, 24, 1558-1567.	2.4	15
69	Screen-Printed Sensor Based on Potentiometric Transduction for Free Bilirubin Detection as a Biomarker for Hyperbilirubinemia Diagnosis. <i>Chemosensors</i> , 2020, 8, 86.	3.6	15
70	Paper Strip and Ceramic Potentiometric Platforms Modified with Nano-Sized Polyaniline (PANI) for Static and Hydrodynamic Monitoring of Chromium in Industrial Samples. <i>Molecules</i> , 2020, 25, 629.	3.8	15
71	Novel sulindac derivatives: synthesis, characterisation, evaluation of antioxidant, analgesic, anti-inflammatory, ulcerogenic and COX-2 inhibition activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 921-934.	5.2	15
72	Voltammetric study of danazol and its determination in capsules and spiked biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 199-204.	2.8	14

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73	Synthesis of chiral macrocycles: I. Synthesis and study of cyclo (N $\hat{\pm}$ -dinicotinoyl)pentapeptide candidates. Russian Journal of General Chemistry, 2015, 85, 1161-1166.	0.8	14
74	Synthesis, reactions, and antimicrobial activity of some novel fused thiazolo[3,2-a]pyrimidine-5H-indeno[1,2-d]pyrimidine derivatives. Russian Journal of General Chemistry, 2016, 86, 1948-1953.	0.8	14
75	Design, synthesis, molecular modeling and biological evaluation of novel diaryl heterocyclic analogs as potential selective cyclooxygenase-2 (COX-2) inhibitors. Saudi Pharmaceutical Journal, 2017, 25, 59-69.	2.7	14
76	Synthesis of some substituted 5H-furo[3,2-g]chromene and benzofuran sulfonate derivatives as potent anti-HIV agents. Russian Journal of General Chemistry, 2017, 87, 1591-1600.	0.8	14
77	Single-Walled Carbon Nanotubes (SWCNTs) as Solid-Contact in All-Solid-State Perchlorate ISEs: Applications to Fireworks and Propellants Analysis. Sensors, 2019, 19, 2697.	3.8	14
78	Novel, selective sample stacking microemulsion electrokinetic capillary chromatography induced by reverse migrating pseudostationary phase for the determination of the new ultra-short acting hypnotic $\hat{\pm}$ in mice serum. Analytica Chimica Acta, 2010, 673, 194-199.	5.4	13
79	Antiviral activities of some synthesized methylsulfanyltriazoloquinazoline derivatives. Research on Chemical Intermediates, 2015, 41, 151-161.	2.7	13
80	Targeting HER-2 over expressed breast cancer cells with 2-cyclohexyl-N-[(Z)-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Chemistry Letters, 2015, 25, 83-87.	2.2	13
81	Synthesis of Novel Sulfamethaoxazole 4-Thiazolidinone Hybrids and Their Biological Evaluation. Molecules, 2020, 25, 3570.	3.8	13
82	CuFe ₂ O ₄ /Polyaniline (PANI) Nanocomposite for the Hazard Mercuric Ion Removal: Synthesis, Characterization, and Adsorption Properties Study. Molecules, 2020, 25, 2721.	3.8	13
83	An epidemiological snapshot of toxicological exposure in children 12 years of age and younger in Riyadh. Annals of Saudi Medicine, 2019, 39, 229-235.	1.1	13
84	Some Observations on the Base-Catalyzed Cyclocondensation of 2,6-Dihalobenzaldehydes, Ethyl Cyanoacetate, and Thiourea. Synthetic Communications, 2010, 40, 1530-1538.	2.1	12
85	Microwave-Assisted Synthesis and Antimicrobial Activity of Some Novel Isatin Schiff Bases Linked to Nicotinic Acid via Certain Amino Acid Bridge. Journal of Chemistry, 2015, 2015, 1-8.	1.9	12
86	<p>Synthesis and antihepatotoxic activity of dihydropyrimidinone derivatives linked with 1,4-benzodioxane<p>. Drug Design, Development and Therapy, 2019, Volume 13, 2393-2404.	4.3	12
87	Synthesis, antiplatelet aggregation activity, and molecular modeling study of novel substituted-piperazine analogues. Medicinal Chemistry Research, 2011, 20, 898-911.	2.4	11
88	Synthesis, characterization and pharmacological investigations of some novel heterocyclic derivatives incorporating pyrene and sugar moieties. Research on Chemical Intermediates, 2014, 40, 1565-1574.	2.7	11
89	Single-Piece Solid Contact Cu ²⁺ -Selective Electrodes Based on a Synthesized Macrocyclic Calix[4]arene Derivative as a Neutral Carrier Ionophore. Molecules, 2019, 24, 920.	3.8	11
90	N $\hat{\pm}$ -1, 3-Benzenedicarbonyl-Bis-(Amino Acid) and Dipeptide Candidates: Synthesis, Cytotoxic, Antimicrobial and Molecular Docking Investigation. Drug Design, Development and Therapy, 2021, Volume 15, 1315-1332.	4.3	11

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91	Synthesis, Characterization and <i>In Vitro</i> Antimicrobial Investigation of Novel Amino Acids and Dipeptides Based on Dibenzofuran-2-Sulfonyl-Chloride. Journal of Computational and Theoretical Nanoscience, 2017, 14, 3183-3190.	0.4	11
92	Synthesis and 2D-QSAR Study of Active Benzofuran-Based Vasodilators. Molecules, 2017, 22, 1820.	3.8	10
93	Solid-Contact Potentiometric Sensors Based on Stimulus-Responsive Imprinted Polymers for Reversible Detection of Neutral Dopamine. Polymers, 2020, 12, 1406.	4.5	10
94	Facile Hydrothermal Procedure for the Synthesis of Sodium Aluminum Silicate Hydrate/Analcime and Analcime for Effective Removal of Manganese(II) Ions From Aqueous Solutions. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1035-1046.	3.7	10
95	Modified Potentiometric Screen-Printed Electrodes Based on Imprinting Character for Sodium Deoxycholate Determination. Biomolecules, 2020, 10, 251.	4.0	10
96	PVC membrane sensor for potentiometric determination of iron (II) in some pharmaceutical formulations based on a new neutral ionophore. Drug Testing and Analysis, 2011, 3, 373-379.	2.6	9
97	Cytotoxicity and Anti-Inflammatory Activity of Methylsulfanyl-triazoloquinazolines. Molecules, 2013, 18, 1434-1446.	3.8	9
98	Analgesic and Anticonvulsant Activities of Some Newly Synthesized Trisubstituted Pyridine Derivatives. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2013, 68, 264-268.	1.4	9
99	Synthesis of chiral linear and macrocyclic candidates: II. Synthesis and investigation of 3,5-bis-linear and macrocyclic tetrapeptide Schiff base pyridine derivatives. Russian Journal of General Chemistry, 2015, 85, 1506-1512.	0.8	9
100	Synthesis of chiral macrocyclic candidates: IV. Synthesis and antimicrobial activity of some tricyclooctacosatrisacontahexaene bis-Schiff base derivatives. Russian Journal of General Chemistry, 2015, 85, 1952-1958.	0.8	9
101	Integrated all-solid-state sulfite sensors modified with two different ion-to-electron transducers: rapid assessment of sulfite in beverages. RSC Advances, 2021, 11, 3783-3791.	3.6	9
102	Facile Synthesis and Antimicrobial Evaluation of New Chiral Macrocyclic Hydrazone and Tricyclopolyazacarboxamide Candidates Incorporating Amino Acid and Pyridine Moieties. Current Organic Synthesis, 2012, 9, 406-412.	1.3	8
103	Synthesis and Reactions of New Chiral Linear Carboxamides with an Incorporated Peptide Linkage Using Nalidixic Acid and Amino Acids as Starting Materials. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 351-361.	0.7	8
104	A Novel Oxidovanadium (IV)-Orotate Complex as an Alternative Antidiabetic Agent: Synthesis, Characterization, and Biological Assessments. BioMed Research International, 2018, 2018, 1-11.	1.9	8
105	Non-Equilibrium Potential Responses towards Neutral Orcinol Using All-Solid-State Potentiometric Sensors Integrated with Molecularly Imprinted Polymers. Polymers, 2019, 11, 1232.	4.5	8
106	Gold Plate Electrodes Functionalized by Multiwall Carbon Nanotube Film for Potentiometric Thallium(I) Detection. Nanomaterials, 2019, 9, 1160.	4.1	8
107	Validation of a Novel Potentiometric Method Based on a Polymeric PVC Membrane Sensor Integrated with Tailored Receptors for the Antileukemia Drug Cytarabine. Polymers, 2020, 12, 1343.	4.5	8
108	Modified Screen-Printed Potentiometric Sensors based on Man-Tailored Biomimetics for Diquat Herbicide Determination. International Journal of Environmental Research and Public Health, 2020, 17, 1138.	2.6	8

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109	Synthesis, Characterization, and Anti-diabetic Activity of Some Novel Vanadium-Folate-Amino Acid Materials. <i>Biomolecules</i> , 2020, 10, 781.	4.0	8
110	Androgen Receptor Antagonists and Anti-prostate Cancer Activities of Some Synthesized Steroidal Candidates. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1363-1368.	1.3	7
111	Synthesis of New Macrocyclic Polyamides as Antimicrobial Agent Candidates. <i>Molecules</i> , 2012, 17, 14510-14521.	3.8	7
112	Synthesis and antimicrobial activity of some new substituted pyrido[3,2-d]thieno[3,2-d]-pyrimidinone derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , 2014, 40, 308-313.	1.0	7
113	Lead Optimization of 2-Cyclohexyl-N-[(Z)-(3-methoxyphenyl/3-hydroxyphenyl)methylidene]hydrazinecarbothioamides for Targeting the HER-2 Overexpressed Breast Cancer Cell Line SKBr-3. <i>Molecules</i> , 2015, 20, 18246-18263.	3.8	7
114	Synthesis, spectroscopic characterizations and biological activities of vanadyl(II) folate compound as a new anti-DNA damage and antioxidant agent. <i>Journal of Molecular Liquids</i> , 2016, 220, 468-477.	4.9	7
115	Charge transfer interaction of organic p-acceptors with the anti-hyperuricemic drug allopurinol: Insights from IR, Raman, ¹ H NMR and ¹³ C NMR spectroscopies. <i>Acta Pharmaceutica</i> , 2016, 66, 533-542.	2.0	7
116	Charge-transfer complexes of two highly efficient drugs with π - and σ -acceptors: Spectroscopic, thermal, and surface morphology characteristics. <i>Russian Journal of General Chemistry</i> , 2016, 86, 965-974.	0.8	7
117	Synthesis of chiral linear and macrocyclic candidates: VI. Synthesis and antibacterial activity of some macrocyclic tripeptides and linear dipeptide Schiff bases. <i>Russian Journal of General Chemistry</i> , 2016, 86, 161-166.	0.8	7
118	Pre-Concentration Based on Cloud Point Extraction for Ultra-Trace Monitoring of Lead (II) Using Flame Atomic Absorption Spectrometry. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4752.	2.5	7
119	Single-Piece All-Solid-State Potential Ion-Selective Electrodes Integrated with Molecularly Imprinted Polymers (MIPs) for Neutral 2,4-Dichlorophenol Assessment. <i>Materials</i> , 2019, 12, 2924.	2.9	7
120	Synthesis, Spectroscopy, and Anticancer Activity of Two New Nanoscale Au(III) N4 Schiff Base Complexes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1702-1706.	0.8	7
121	Synthesis of a vanadyl (IV) folate complex for the treatment of diabetes: spectroscopic, structural, and biological characterization. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 1409-1420.	4.3	7
122	Enaminone-Derived Pyrazoles with Antimicrobial Activity. <i>Journal of Chemistry</i> , 2019, 2019, 1-10.	1.9	7
123	[Et ₃ NH][HSO ₄]-mediated efficient synthesis of novel xanthene derivatives and their biological evaluation. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 425-433.	5.2	7
124	Famotidine. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2009, 34, 115-151.	8.0	6
125	Conformational preferences of sterically congested 2-imidazolidinone using X-ray analysis and computational studies. Part 1: Trans-1-acetyl-4,5-di-tert-butyl-2-imidazolidinone. <i>Journal of Molecular Structure</i> , 2010, 969, 145-154.	3.6	6
126	Synthesis and Antimicrobial Activities of Some New Synthesized Imide and Schiff's Base Derivatives. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	6

#	ARTICLE	IF	CITATIONS
127	Androgenic-anabolic activities of some new synthesized steroidal pyrane, pyridine, and thiopyrimidine derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , 2014, 40, 568-578.	1.0	6
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129	Potentiometric PVC-Membrane-Based Sensor for Dimethylamine Assessment Using A Molecularly Imprinted Polymer as A Sensory Recognition Element. <i>Polymers</i> , 2019, 11, 1695.	4.5	6
130	Synthesis of Novel Diclofenac Hydrazones: Molecular Docking, Anti-Inflammatory, Analgesic, and Ulcerogenic Activity. <i>Journal of Chemistry</i> , 2020, 2020, 1-12.	1.9	6
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137	Anti-arthritic and immunosuppressive activities of substituted triterpenoidal candidates. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 245-252.	7.5	5
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142	Synthesis and Characterization of Novel Biginelli Dihydropyrimidinone Derivatives Containing Imidazole Moiety. <i>Journal of Chemistry</i> , 2019, 2019, 1-7.	1.9	5
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152	Facile synthesis and anticancer activity of novel dihydropyrimidinone derivatives. <i>Polish Journal of Chemical Technology</i> , 2022, 24, 23-28.	0.5	5
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169	3-Amino-1-(4-fluorophenyl)-8-methoxy-1H-benzo[f]chromene-2-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o476-o477.	0.2	4
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