

Yahia Mabkhot

List of Publications by Year in descending order

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197
papers

3,605
citations

186265

28
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211
all docs

211
docs citations

211
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Pharmacological Activities of Pyrazole Derivatives: A Review. <i>Molecules</i> , 2018, 23, 134.	3.8	603
2	Bioactive compounds and health benefits of edible Rumex species-A review. <i>Cellular and Molecular Biology</i> , 2018, 64, 27-34.	0.9	99
3	Antimicrobial Activity of Some Novel Armed Thiophene Derivatives and Petra/Osiris/Molinspiration (POM) Analyses. <i>Molecules</i> , 2016, 21, 222.	3.8	86
4	Honokiol: An anticancer lignan. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 555-562.	5.6	73
5	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8155.	2.6	63
6	Synthesis, reactions and biological activity of some new bis-heterocyclic ring compounds containing sulphur atom. <i>Chemistry Central Journal</i> , 2013, 7, 112.	2.6	60
7	Thermodynamics and Kinetics of Heavy Metals Adsorption on Silica Particles Chemically Modified by Conjugated β -Ketoenol Furan. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2915-2925.	1.9	60
8	Phytochemical, ethnomedicinal uses and pharmacological profile of genus Pistacia. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 393-404.	5.6	59
9	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.	3.8	58
10	Synthesis, crystal structure, hirshfeld surface analysis, DFT calculations, anti-diabetic activity and molecular docking studies of (E)-N ⁵ -(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1221, 128800.	3.6	51
11	A facile synthesis and anticancer activity of some novel thiazoles carrying 1,3,4-thiadiazole moiety. <i>Chemistry Central Journal</i> , 2017, 11, 25.	2.6	45
12	New Pyrazole-Hydrazone Derivatives: X-ray Analysis, Molecular Structure Investigation via Density Functional Theory (DFT) and Their High In-Situ Catecholase Activity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2215.	4.1	45
13	Zwitterionic pyrimidinium adducts as antioxidants with therapeutic potential as nitric oxide scavenger. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 146-154.	5.5	44
14	Synthesis and Structure-Activity Relationship of Some New Thiophene-Based Heterocycles as Potential Antimicrobial Agents. <i>Molecules</i> , 2016, 21, 1036.	3.8	44
15	Bioactivity Profile of the Diterpene Isosteviol and its Derivatives. <i>Molecules</i> , 2019, 24, 678.	3.8	43
16	Microwave-assisted one pot three-component synthesis of some novel pyrazole scaffolds as potent anticancer agents. <i>Chemistry Central Journal</i> , 2017, 11, 37.	2.6	42
17	Novel enamione derived from thieno [2,3-b] thiene: Synthesis, x-ray crystal structure, HOMO, LUMO, NBO analyses and biological activity. <i>Chemistry Central Journal</i> , 2015, 9, 24.	2.6	39
18	Synthesis of Novel β -Keto-Enol Derivatives Tethered Pyrazole, Pyridine and Furan as New Potential Antifungal and Anti-Breast Cancer Agents. <i>Molecules</i> , 2015, 20, 20186-20194.	3.8	38

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19	Tandem Aldol-Michael Reactions in Aqueous Diethylamine Medium: A Greener and Efficient Approach to Bis-Pyrimidine Derivatives. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23762-23773.	4.1	36
20	Organically Modified Silica with Pyrazole-3-carbaldehyde as a New Sorbent for Solid-Liquid Extraction of Heavy Metals. <i>Molecules</i> , 2014, 19, 247-262.	3.8	36
21	Synthesis, crystal structure, DFT, $\hat{I}\pm$ -glucosidase and $\hat{I}\pm$ -amylase inhibition and molecular docking studies of (E)-N'-(4-chlorobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1245, 131067.	3.6	35
22	Antispasmodic Potential of Medicinal Plants: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	35
23	An efficient and green procedure for synthesis of rhodanine derivatives by aldol-thia-Michael protocol using aqueous diethylamine medium. <i>RSC Advances</i> , 2014, 4, 4909.	3.6	34
24	Fabrication and covalent modification of highly chelated hybrid material based on silica-bipyridine framework for efficient adsorption of heavy metals: isotherms, kinetics and thermodynamics studies. <i>RSC Advances</i> , 2016, 6, 82505-82514.	3.6	34
25	Green synthesis and biomedical applications of silver and gold nanoparticles functionalized with methanolic extract of <i>Mentha longifolia</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 194-203.	2.8	34
26	Substituted thieno[2,3- <i>b</i>]thiophenes and related congeners: Synthesis, \hat{I}^2 -glucuronidase inhibition activity, crystal structure, and POM analyses. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6715-6725.	3.0	31
27	Antimicrobial activity of thiophene derivatives derived from ethyl (E)-5-(3-(dimethylamino)acryloyl)-4-methyl-2-(phenylamino)thiophene-3-carboxylate. <i>Chemistry Central Journal</i> , 2017, 11, 75.	2.6	31
28	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
29	Synthesis, In-Vitro Antibacterial, Antifungal, and Molecular Modeling of Potent Anti-Microbial Agents with a Combined Pyrazole and Thiophene Pharmacophore. <i>Molecules</i> , 2015, 20, 8712-8729.	3.8	29
30	Efficient extraction of heavy metals from aqueous solution by novel hybrid material based on silica particles bearing new Schiff base receptor. <i>Journal of Molecular Liquids</i> , 2016, 223, 112-118.	4.9	29
31	Synthesis and Biological Evaluation of 2-Aminobenzamide Derivatives as Antimicrobial Agents: Opening/Closing Pharmacophore Site. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5115-5127.	4.1	28
32	Antinociceptive and anti-inflammatory activities of flavonoids isolated from <i>Pistacia integerrima</i> galls. <i>Complementary Therapies in Medicine</i> , 2016, 25, 132-138.	2.7	28
33	Facile and Convenient Synthesis of Pyrazole, Pyridine, Pyridazine, Pyrazolo[3,4- <i>b</i>]pyridine, and Pyrazolo[5,1- <i>c</i>]triazine Derivatives. <i>Synthetic Communications</i> , 2008, 38, 3170-3182.	2.1	27
34	Synthesis and Antimicrobial Studies of Some Novel Bis-[1,3,4]thiadiazole and Bis-thiazole Pendant to Thieno[2,3- <i>b</i>]thiophene Moiety. <i>International Journal of Molecular Sciences</i> , 2012, 13, 3661-3670.	4.1	27
35	Synthesis and Analysis of Some Bis-Heterocyclic Compounds Containing Sulphur. <i>Molecules</i> , 2009, 14, 1904-1914.	3.8	26
36	Synthesis and Antimicrobial Evaluation of New Pyrazole, Thiophene, Thiazole and 1,3,4-Thiadiazole Derivatives Incorporating Pyrimidine Ring. <i>Heterocycles</i> , 2009, 78, 1787.	0.7	25

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37	Facile and Convenient Synthesis of New Thieno[2,3-b]-Thiophene Derivatives. <i>Molecules</i> , 2010, 15, 9418-9426.	3.8	25
38	Synthesis, NMR, FT-IR, X-ray structural characterization, DFT analysis and isomerism aspects of 5-(2,6-dichlorobenzylidene)pyrimidine-2,4,6(1H,3H,5H)-trione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 107-116.	3.9	25
39	Evaluation of Pelargonium extract and oil as eco-friendly corrosion inhibitor for steel in acidic chloride solutions and pharmacological properties. <i>Research on Chemical Intermediates</i> , 2015, 41, 7125-7149.	2.7	25
40	New isomeric Cu(NO ₂ -phen) ₂ Br]Br complexes: Crystal structure, Hirshfeld surface, physicochemical, solvatochromism, thermal, computational and DNA-binding analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 171, 9-19.	3.8	25
41	Synthesis, Characterization, Free-radical Scavenging Capacity and Antioxidant Activity of Novel Series of Hydrazone, 1,3,4-oxadiazole and 1,2,4-triazole Derived from 3,5-dimethyl-1H-pyrazole. <i>Letters in Drug Design and Discovery</i> , 2019, 16, 712-720.	0.7	25
42	Synthesis of Thieno[2,3-b]thiophene Containing Bis-Heterocycles-Novel Pharmacophores. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5712-5722.	4.1	24
43	Increasing the Strength and Production of Artemisinin and Its Derivatives. <i>Molecules</i> , 2018, 23, 100.	3.8	24
44	1,1- TM -(3-Methyl-4-phenylthieno[2,3-b]thiophene-2,5-diyl)diethanone as a Building Block in Heterocyclic Synthesis. Novel Synthesis of Some Pyrazole and Pyrimidine Derivatives. <i>Molecules</i> , 2011, 16, 6502-6511.	3.8	23
45	How to improve antifungal bioactivity: POM and DFT study of some chiral amides derivatives of diacetyl-L-tartaric acid and amines. <i>Research on Chemical Intermediates</i> , 2016, 42, 8055-8068.	2.7	23
46	Synthesis, crystal structure, Hirshfeld surfaces, and thermal, mechanical and dielectrical properties of cholest-5-ene. <i>Journal of Taibah University for Science</i> , 2017, 11, 141-150.	2.5	23
47	Synthesis and antimicrobial/antimalarial activities of novel naphthalimido trans- ² -lactam derivatives. <i>Medicinal Chemistry Research</i> , 2017, 26, 2235-2242.	2.4	23
48	Plant bioactive molecules bearing glycosides as lead compounds for the treatment of fungal infection: A review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 498-509.	5.6	23
49	An Efficient Synthesis of Novel Pyrazole-Based Heterocycles as Potential Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 785.	2.5	23
50	An inorganic-organic hybrid material made of a silica-immobilized Schiff base receptor and its preliminary use in heavy metal removal. <i>RSC Advances</i> , 2016, 6, 34212-34218.	3.6	22
51	Tandem Aldol-Michael reactions in aqueous diethylamine medium: a greener and efficient approach to dimedone-barbituric acid derivatives. <i>Chemistry Central Journal</i> , 2014, 8, 9.	2.6	21
52	Isolation and characterization of three new anti-proliferative Sesquiterpenes from <i>Polygonum barbatum</i> and their mechanism via apoptotic pathway. <i>BMC Cancer</i> , 2017, 17, 694.	2.6	21
53	A comprehensive review on synthesis, characterization, and applications of polydimethylsiloxane and copolymers. <i>International Journal of Plastics Technology</i> , 2019, 23, 261-282.	3.1	21
54	Synthesis and Antimicrobial Evaluation of Some New Pyrimidine Derivatives. <i>Heterocycles</i> , 2008, 75, 887.	0.7	21

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55	Comprehensive and Facile Synthesis of Some Functionalized Bis-Heterocyclic Compounds Containing a Thieno[2,3-b]thiophene Motif. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2263-2275.	4.1	20
56	Synthesis, Bioactivity, Molecular Docking and POM Analyses of Novel Substituted Thieno[2,3-b]thiophenes and Related Congeners. <i>Molecules</i> , 2015, 20, 1824-1841.	3.8	20
57	Crystal structure, Hirshfeld surface, physicochemical, thermal and DFT studies of (N 1 E, N 2 E)-N 1, N 2 -bis((5-bromothiophen-2-yl)methylene)ethane-1,2-diamine N 2 S 2 ligand and its [CuBr(N 2 S 2)]Br complex. <i>Journal of Molecular Structure</i> , 2017, 1142, 217-225.	3.6	20
58	Synthesis, Anti-microbial and Molecular Docking Studies of Quinazolin-4(3H)-one Derivatives. <i>Molecules</i> , 2014, 19, 8725-8739.	3.8	19
59	A Greener, Efficient Approach to Michael Addition of Barbituric Acid to Nitroalkene in Aqueous Diethylamine Medium. <i>Molecules</i> , 2014, 19, 1150-1162.	3.8	19
60	Synthesis of novel 5-monoalkylbarbiturate derivatives: new access to 1,2-oxazepines. <i>Tetrahedron Letters</i> , 2015, 56, 6984-6987.	1.4	19
61	Microwave-Assisted Synthesis of some Novel Azoles and Azolopyrimidines as Antimicrobial Agents. <i>Molecules</i> , 2017, 22, 346.	3.8	19
62	New Thiophene Derivatives as Antimicrobial Agents. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2845-2953.	2.6	19
63	Computational POM and DFT Evaluation of Experimental in-vitro Cancer Inhibition of Staurosporine-Ruthenium(II) Complexes: The Power Force of Organometallics in Drug Design. <i>Acta Chimica Slovenica</i> , 2015, 62, 679-688.	0.6	19
64	Synthesis and Antimicrobial Evaluation of Some Bis(thioxopyridine), Bis(pyrazolo[3,4-b]pyridine), Bis(thieno[2,3-b]pyridine), Bis(1,3,4-thiadiazole) and Bis-thiophene Derivatives. <i>Heterocycles</i> , 2008, 75, 2937.	0.7	19
65	Synthesis and Chemical Characterisation of New Bis-Thieno [2,3-b]thiophene Derivatives. <i>Molecules</i> , 2010, 15, 3329-3337.	3.8	18
66	Synthesis and Chemical Characterisation of Some New Diheteroaryl Thienothiophene Derivatives. <i>Molecules</i> , 2011, 16, 7706-7714.	3.8	18
67	C,N-bipyrazole receptor grafted onto a porous silica surface as a novel adsorbent based polymer hybrid. <i>Talanta</i> , 2015, 143, 1-6.	5.5	18
68	Synthesis, molecular structure investigations and antimicrobial activity of 2-thioxothiazolidin-4-one derivatives. <i>Journal of Molecular Structure</i> , 2015, 1081, 519-529.	3.6	18
69	Bioactive chromone constituents from <i>Vitex negundo</i> ; alleviate pain and inflammation. <i>Journal of Pain Research</i> , 2018, Volume 11, 95-102.	2.0	18
70	A Convenient Route to New Pyrrolo[1,2-c]pyrimidone, Thiazolo[3,4-c]pyrimidone and Pymido[4,5-d]pyridazine Derivatives. <i>Heterocycles</i> , 2009, 78, 937.	0.7	17
71	Synthesis of 1-(furan-2-yl) imine Functionalized Silica as a Chelating Sorbent and its Preliminary Use in Metal Ion Adsorption. <i>Separation Science and Technology</i> , 2015, 50, 710-717.	2.5	17
72	Synthesis, antimicrobial, anti-cancer and molecular docking of two novel hitherto unreported thiophenes. <i>RSC Advances</i> , 2016, 6, 63724-63729.	3.6	17

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73	Sedative-hypnotic-like effect and molecular docking of di-naphthodiospyrol from <i>Diospyros lotus</i> in an animal model. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 109-113.	5.6	16
74	Facial Regioselective Synthesis of Novel Bioactive Spiropyrrolidine/Pyrrolizine-Oxindole Derivatives via a Three Components Reaction as Potential Antimicrobial Agents. <i>Molecules</i> , 2017, 22, 357.	3.8	16
75	Molecular docking and simulation of Zika virus NS3 helicase. <i>BMC Chemistry</i> , 2019, 13, 67.	3.8	16
76	New insights into the spread of resistance to artemisinin and its analogues. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 142-149.	2.2	16
77	Synthesis and Antimicrobial Activity of Some New Thieno[2,3-b]thiophene Derivatives. <i>Molecules</i> , 2013, 18, 4669-4678.	3.8	15
78	Synthesis, biological evaluation, and molecular docking studies of new pyrazolone derivatives with aromatase inhibition activities. <i>Chemical Biology and Drug Design</i> , 2016, 88, 832-843.	3.2	15
79	Synthesis, Antimicrobial Screening, Homology Modeling, and Molecular Docking Studies of a New Series of Schiff Base Derivatives as Prospective Fungal Inhibitor Candidates. <i>Molecules</i> , 2019, 24, 3250.	3.8	15
80	Facile synthesis and antiproliferative activity of new 3-cyanopyridines. <i>BMC Chemistry</i> , 2019, 13, 137.	3.8	15
81	A Facile and Convenient Synthesis of some Novel Hydrazones, Schiff's Base and Pyrazoles Incorporating Thieno[2,3-b]thiophenes. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7824-7834.	4.1	14
82	Synthesis and molecular characterization of 5,5'-((2,4-dichlorophenyl)methylene)bis(1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione). <i>Journal of Molecular Structure</i> , 2015, 1084, 207-215.	3.6	14
83	The New High Resolution Crystal Structure of NS2B-NS3 Protease of Zika Virus. <i>Viruses</i> , 2017, 9, 7.	3.3	14
84	Pharmacophore model-based virtual screening, docking, biological evaluation and molecular dynamics simulations for inhibitors discovery against <i>Mycobacterium tuberculosis</i> tryptophan synthase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 610-620.	3.5	14
85	A Highly Efficient Environmental-Friendly Adsorbent Based on Schiff Base for Removal of Cu(II) from Aqueous Solutions: A Combined Experimental and Theoretical Study. <i>Molecules</i> , 2021, 26, 5164.	3.8	14
86	Synthesis and Antimicrobial Evaluation of Some New Tetrahydropyrimidine Derivatives. <i>Heterocycles</i> , 2011, 83, 609.	0.7	13
87	Effect of garlic and cabbage on healing of gastric ulcer in experimental rats. <i>Medicinal Chemistry Research</i> , 2014, 23, 5110-5119.	2.4	13
88	Structural and spectral investigations of the recently synthesized chalcone (E)-3-mesityl-1-(naphthalen-2-yl) prop-2-en-1-one, a potential chemotherapeutic agent. <i>Chemistry Central Journal</i> , 2015, 9, 35.	2.6	13
89	β^2 -Keto-enol Tethered Pyridine and Thiophene: Synthesis, Crystal Structure Determination and Its Organic Immobilization on Silica for Efficient Solid-Liquid Extraction of Heavy Metals. <i>Molecules</i> , 2016, 21, 888.	3.8	13
90	Urease inhibition potential of Di-naphthodiospyrol from <i>Diospyros lotus</i> roots. <i>Natural Product Research</i> , 2017, 31, 1214-1218.	1.8	13

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91	Synthesis, characterization, POM analysis and antifungal activity of novel heterocyclic chalcone derivatives containing acylated pyrazole. <i>Research on Chemical Intermediates</i> , 2017, 43, 1893-1907.	2.7	13
92	Inclusion Complexes of a New Family of Non-Ionic Amphiphilic Dendrocalix[4]arene and Poorly Water-Soluble Drugs Naproxen and Ibuprofen. <i>Molecules</i> , 2017, 22, 783.	3.8	13
93	Synthesis, Antitumor Evaluation and Molecular Docking of New Morpholine Based Heterocycles. <i>Molecules</i> , 2017, 22, 1211.	3.8	13
94	Design, synthesis and antimicrobial activity of novel 2-aminothiophene containing cyclic and heterocyclic moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 44, 128117.	2.2	13
95	Synthesis, crystal structure, spectroscopic characterization, α -glucosidase inhibition and computational studies of (E)-5-methyl-N ² -(pyridin-2-ylmethylene)-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2022, 1248, 131506.	3.6	13
96	Synthesis, Molecular Structure Optimization, and Cytotoxicity Assay of a Novel 2-Acetyl-3-amino-5-[(2-oxopropyl)sulfanyl]-4-cyanothiophene. <i>Molecules</i> , 2016, 21, 214.	3.8	12
97	Molecular docking and biological evaluation of some thioxoquinazolin-4(3H)-one derivatives as anticancer, antioxidant and anticonvulsant agents. <i>Chemistry Central Journal</i> , 2017, 11, 48.	2.6	12
98	Cholinesterase Inhibitory Activity of Some semi-Rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 711-716.	2.4	12
99	An Efficient Synthesis of New Thiazole Based Heterocycles. <i>Heterocycles</i> , 2010, 81, 2369.	0.7	10
100	A Novel and Expedient Approach to New Thiazoles, Thiazolo[3,2-a]pyridines, Dihydrothiophenes, and Hydrazones Incorporating Thieno[2,3-b]thiophene Moiety. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5035-5047.	4.1	10
101	Reactions of Some New Thienothiophene Derivatives. <i>Molecules</i> , 2011, 16, 5142-5148.	3.8	9
102	Origin and switch of different colors: Thermo-isomerism and crystal structure of (1E,2E)-bis[1-(4-nitrophenyl)ethylidene] hydrazine. <i>Journal of Chemical Sciences</i> , 2015, 127, 2211-2216.	1.5	9
103	Synthesis, characterization, X-ray structure, computational studies, and bioassay of novel compounds combining thiophene and benzimidazole or 1,2,4-triazole moieties. <i>Chemistry Central Journal</i> , 2017, 11, 51.	2.6	9
104	Stereoselective synthesis, X-ray analysis, computational studies and biological evaluation of new thiazole derivatives as potential anticancer agents. <i>Chemistry Central Journal</i> , 2018, 12, 56.	2.6	9
105	Kinetics, thermodynamics, equilibrium, surface modelling, and atomic absorption analysis of selective Cu(II) removal from aqueous solutions and rivers water using silica-2-(pyridin-2-ylmethoxy)ethan-1-ol hybrid material. <i>RSC Advances</i> , 2021, 12, 611-625.	3.6	9
106	Synthesis of Novel Bis-2-(1,3,4-thiadiazolin-3-ylphenoxy) Alkane Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 1747-1757.	1.6	8
107	Expedient and highly efficient protocol for the synthesis of novel diversely substituted thieno[2,3-b]thiophene. <i>Journal of Molecular Structure</i> , 2012, 1027, 15-19.	3.6	8
108	Molecular Dynamics Simulation of Cholera Toxin A-1 Polypeptide. <i>Open Chemistry</i> , 2016, 14, 188-196.	1.9	8

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109	Muscle relaxant activities of pistagremic acid isolated from <i>Pistacia integerrima</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 413-416.	1.4	8
110	Cu(II) and Mn(II) coordination complexes constructed by C linked bispyrazoles: Effect of anions and hydrogen bonding on the self assembly process. Inorganica Chimica Acta, 2018, 482, 411-419.	2.4	8
111	Synthesis, X-ray Analysis, Biological Evaluation and Molecular Docking Study of New Thiazoline Derivatives. Molecules, 2019, 24, 1654.	3.8	8
112	Synthesis, X-ray analysis and computational studies of two novel thiophene derivatives. Journal of Sulfur Chemistry, 2020, 41, 517-529.	2.0	8
113	Multiclass analysis on repaglinide, flubendazole, robenidine hydrochloride and danofloxacin drugs. Arabian Journal of Chemistry, 2013, 6, 131-144.	4.9	7
114	Isolation and Characterization of Two New Antimicrobial Acids from <i>Quercus incana</i> (Bluejack) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	7
115	Design, synthesis, X-ray analysis, and biological screening of new oxime and enaminothiazoline-2-thione derivatives. Journal of Molecular Structure, 2021, 1223, 128977.	3.6	7
116	Synthesis, Characterization, and Biological Evaluation of Some Novel Pyrazolo[5,1-b]thiazole Derivatives as Potential Antimicrobial and Anticancer Agents. Molecules, 2021, 26, 5383.	3.8	7
117	Synthesis, Structural Characterization and Antinociceptive Activities of New Arylated Quinolines via Suzuki-Miyaura Cross Coupling Reaction. Medicinal Chemistry, 2017, 13, 780-786.	1.5	7
118	Single-Step Acer pentapomicum-Mediated Green Synthesis of Silver Nanoparticles and Their Potential Antimicrobial and Antioxidant Activities. Journal of Nanomaterials, 2022, 2022, 1-10.	2.7	7
119	Thermal stability of anti-rheumatic pharmaceutical drugs parecoxib sodium and valdecoxib. Journal of Saudi Chemical Society, 2012, 16, 177-182.	5.2	6
120	Crystal structure of N^2 -(4-nitrobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, $C_{17}H_{13}N_5O_3$. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 839-841.	0.3	6
121	A highly distorted hexacoordinated silver(I) complex: synthesis, crystal structure, and DFT studies. Journal of Coordination Chemistry, 2017, 70, 1339-1356.	2.2	6
122	Novel 1D coordination polymers built from acyclic cryptate containing bis(1H-1,2,4-triazole) ligands and featuring coordinated counteranions. New Journal of Chemistry, 2018, 42, 11324-11333.	2.8	6
123	Synthesis, Characterization, and Antibacterial and Anti-Inflammatory Activities of New Pyrimidine and Thiophene Derivatives. Journal of Chemistry, 2018, 2018, 1-11.	1.9	6
124	Computational studies of 2-(4-oxo-3-phenylthiazolidin-2-ylidene)malononitrile. BMC Chemistry, 2019, 13, 25.	3.8	6
125	X-ray Structure and DFT Studies of a New Square Planar Silver(I) Complex of Ketene S,S-Dithioacetal Ligand. Journal of Chemical Crystallography, 2020, 50, 52-61.	1.1	6
126	Unexpected Hydrazinolysis and Antimicrobial Activity of 3-[2-aryl-2-oxoethyl]-pyrazolo[3',4':4,5]pyrimido[1,6-b][1,2,4]-triazines. Current Organic Synthesis, 2017, 14, .	1.3	6

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127	Synthesis and Evaluation of Certain Symmetrical Schiff Bases as Inhibitors of MDA-MB-241 Human Breast Cancer Cell Proliferation. Letters in Drug Design and Discovery, 2016, 13, 205-209.	0.7	6
128	Synthesis and Characterization of Privileged Monodentate Phosphoramidite Ligands and Chiral Brønsted Acids Derived from D-Mannitol. International Journal of Molecular Sciences, 2012, 13, 2727-2743.	4.1	5
129	3 ¹ -Acetoxy-6-nitrocholest-5-ene: Crystal structure, thermal, optical and dielectrical behavior. Journal of Molecular Structure, 2014, 1063, 219-225.	3.6	5
130	POM analyses of anti-kinase activity of thirteen peptide alkaloids extracted from Zizyphus species. Medicinal Chemistry Research, 2015, 24, 267-274.	2.4	5
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