

Yahia Mabkhot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7066908/publications.pdf>

Version: 2024-02-01

197
papers

3,605
citations

185998

28
h-index

205818

48
g-index

211
all docs

211
docs citations

211
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Computational Interaction Studies of (E)-N ⁴ -Benzylidene-5-Methyl-1H-Pyrazole-3-Carbohydrazide with α -Glucosidase and α -Amylase Enzymes: A Detailed Structural, Spectroscopic, and Biophysical Study. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 1812-1832.	1.4	5
2	Synthesis, crystal structure, spectroscopic characterization, α -glucosidase inhibition and computational studies of (E)-5-methyl-N ⁴ -(pyridin-2-ylmethylene)-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2022, 1248, 131506.	1.8	13
3	Synthesis and Biological Screening of Thiophene Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 6720-6731.	1.4	4
4	Antioxidant and Cytotoxic Activity of a New Ferruginan A from <i>Olea ferruginea</i> : In Vitro and In Silico Studies. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-7.	1.9	3
5	Single-Step <i>Acer pentapomicum</i> -Mediated Green Synthesis of Silver Nanoparticles and Their Potential Antimicrobial and Antioxidant Activities. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-10.	1.5	7
6	Pharmacophore model-based virtual screening, docking, biological evaluation and molecular dynamics simulations for inhibitors discovery against α -tryptophan synthase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 610-620.	2.0	14
7	Design, synthesis, X-ray analysis, and biological screening of new oxime and enaminothiazoline-2-thione derivatives. <i>Journal of Molecular Structure</i> , 2021, 1223, 128977.	1.8	7
8	Design, synthesis and antimicrobial activity of novel 2-aminothiophene containing cyclic and heterocyclic moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 44, 128117.	1.0	13
9	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.	1.7	14
10	Synthesis, Characterization, and Biological Evaluation of Some Novel Pyrazolo[5,1-b]thiazole Derivatives as Potential Antimicrobial and Anticancer Agents. <i>Molecules</i> , 2021, 26, 5383.	1.7	7
11	New insights into the spread of resistance to artemisinin and its analogues. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 142-149.	0.9	16
12	Synthesis, crystal structure, DFT, α -glucosidase and α -amylase inhibition and molecular docking studies of (E)-N ⁴ -(4-chlorobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1245, 131067.	1.8	35
13	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.	1.9	34
14	Antispasmodic Potential of Medicinal Plants: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	35
15	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.	1.7	9
16	X-ray Structure and DFT Studies of a New Square Planar Silver(I) Complex of Ketene S,S-Dithioacetal Ligand. <i>Journal of Chemical Crystallography</i> , 2020, 50, 52-61.	0.5	6
17	A profound density functional theory study to unravel the spectroscopic and molecular properties of two Flavanols differing in α -pyrone ring position. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 558-566.	0.8	0
18	Synthesis, X-Ray Structural Analysis and Computational Studies of a Novel Bis(2-Thienyl)Disulfide Derivative. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-9.	1.4	4

#	ARTICLE	IF	CITATIONS
19	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. International Journal of Environmental Research and Public Health, 2020, 17, 8155.	1.2	63
20	Sedative, Muscle Relaxant-Like Effects, and Molecular Docking Study of Compounds Isolated from <i>Salvia leriifolia</i> . Revista Brasileira De Farmacognosia, 2020, 30, 257-260.	0.6	1
21	Synthesis, crystal structure, hirshfeld surface analysis, DFT calculations, anti-diabetic activity and molecular docking studies of (E)-N ⁵ -(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide. Journal of Molecular Structure, 2020, 1221, 128800.	1.8	51
22	Synthesis of antimicrobial agents of tetra ⁴ -substituted thiophenes from ethyl 5-(2-bromoacetyl)-4-phenyl-2-(phenylamino)thiophene-3-carboxylate. Journal of Heterocyclic Chemistry, 2020, 57, 2911-2922.	1.1	5
23	Synthesis and biological screening of a novel enaminone-grafted trithiocarbonate: a potential anticancer and antimicrobial agent. Medicinal Chemistry Research, 2020, 29, 954-961.	1.1	3
24	In vivo anti-nociceptive potential and cyclooxygenases 1 and 2 selectivity of di-naphthodiospyrrols from <i>Diospyros lotus</i> . Revista Brasileira De Farmacognosia, 2020, 30, 577-581.	0.6	5
25	Synthesis, X-ray analysis and computational studies of two novel thiophene derivatives. Journal of Sulfur Chemistry, 2020, 41, 517-529.	1.0	8
26	The novel economical synthesis and antimicrobial activity of a trithiocarbonate derivative. Bioorganic Chemistry, 2019, 91, 103157.	2.0	2
27	New Thiophene Derivatives as Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2019, 56, 2845-2953.	1.4	19
28	Synthesis, Antimicrobial Screening, Homology Modeling, and Molecular Docking Studies of a New Series of Schiff Base Derivatives as Prospective Fungal Inhibitor Candidates. Molecules, 2019, 24, 3250.	1.7	15
29	Molecular docking and simulation of Zika virus NS3 helicase. BMC Chemistry, 2019, 13, 67.	1.6	16
30	Synthesis, X-ray Analysis, Biological Evaluation and Molecular Docking Study of New Thiazoline Derivatives. Molecules, 2019, 24, 1654.	1.7	8
31	A novel synthesis, X-ray analysis and computational studies of (Z)-ethyl 2-((Z)-5-((dimethylamino)methylene)-4-oxo-3-phenylthiazolidin-2-ylidene)acetate as a potential anticancer agent. BMC Chemistry, 2019, 13, 35.	1.6	4
32	Computational studies of 2-(4-oxo-3-phenylthiazolidin-2-ylidene)malononitrile. BMC Chemistry, 2019, 13, 25.	1.6	6
33	Bioactivity Profile of the Diterpene Isosteviol and its Derivatives. Molecules, 2019, 24, 678.	1.7	43
34	Facile synthesis and antiproliferative activity of new 3-cyanopyridines. BMC Chemistry, 2019, 13, 137.	1.6	15
35	A comprehensive review on synthesis, characterization, and applications of polydimethylsiloxane and copolymers. International Journal of Plastics Technology, 2019, 23, 261-282.	2.9	21
36	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. Letters in Drug Design and Discovery, 2019, 16, 712-720.	0.4	25

#	ARTICLE	IF	CITATIONS
37	Drug Design of Inhibitors of Alzheimer's Disease (AD): POM and DFT Analyses of Cholinesterase Inhibitory Activity of β -amino di-Carbonyl Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 688-705.	1.1	5
38	Bioactive chromone constituents from <i>Vitex negundo</i> ; alleviate pain and inflammation. <i>Journal of Pain Research</i> , 2018, Volume 11, 95-102.	0.8	18
39	Zika Virus, Microcephaly and its Possible Global Spread. , 2018, , .		3
40	Muscle relaxant activities of pistagremic acid isolated from <i>Pistacia integerrima</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2018, 73, 413-416.	0.6	8
41	Synthesis of new pyrazolone-based heterocycles as inhibitors of monoamine oxidase enzymes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1785-1800.	1.2	5
42	Novel 1D coordination polymers built from acyclic cryptate containing bis(1 <i>H</i> -1,2,4-triazole) ligands and featuring coordinated counteranions. <i>New Journal of Chemistry</i> , 2018, 42, 11324-11333.	1.4	6
43	Isolation and Characterization of Two New Antimicrobial Acids from <i>Quercus incana</i> (Bluejack) Tj ETQq1 1 0.784314 rgBT ₇ Overload	0.9	
44	Cu(II) and Mn(II) coordination complexes constructed by C linked bispyrazoles: Effect of anions and hydrogen bonding on the self assembly process. <i>Inorganica Chimica Acta</i> , 2018, 482, 411-419.	1.2	8
45	Increasing the Strength and Production of Artemisinin and Its Derivatives. <i>Molecules</i> , 2018, 23, 100.	1.7	24
46	Synthesis and Pharmacological Activities of Pyrazole Derivatives: A Review. <i>Molecules</i> , 2018, 23, 134.	1.7	603
47	Better agonist for the opioid receptors. <i>Chemistry Central Journal</i> , 2018, 12, 13.	2.6	2
48	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
49	Synthesis, Characterization, and Antibacterial and Anti-Inflammatory Activities of New Pyrimidine and Thiophene Derivatives. <i>Journal of Chemistry</i> , 2018, 2018, 1-11.	0.9	6
50	Honokiol: An anticancer lignan. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 555-562.	2.5	73
51	Bioactive compounds and health benefits of edible <i>Rumex</i> species-A review. <i>Cellular and Molecular Biology</i> , 2018, 64, 27-34.	0.3	99
52	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.	1.1	12
53	Multidrug resistance reversal activity of extract and a rare dimeric naphthoquinone from <i>Diospyros lotus</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 821-825.	0.2	1
54	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.	1.1	23

#	ARTICLE	IF	CITATIONS
55	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.	2.5	16
56	A highly distorted hexacoordinated silver(I) complex: synthesis, crystal structure, and DFT studies. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1339-1356.	0.8	6
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.	1.8	20
58	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
59	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.	1.7	25
60	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
61	Synthesis and antimicrobial/antimalarial activities of novel naphthalimido trans- β -lactam derivatives. <i>Medicinal Chemistry Research</i> , 2017, 26, 2235-2242.	1.1	23
62	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
63	Phytochemical, ethnomedicinal uses and pharmacological profile of genus <i>Pistacia</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 393-404.	2.5	59
64	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
65	Comparative sorption studies of chromate by nano-and-micro sized Fe ₂ O ₃ particles. <i>Open Chemistry</i> , 2017, 15, 147-155.	1.0	1
66	A facile synthesis and characterization of some new thiophene based heterocycles. <i>Journal of Molecular Structure</i> , 2017, 1149, 736-743.	1.8	4
67	Crystal structure of (<i>Z</i>)-1-(1,5-dimethyl-1<i>H</i>-pyrazol-3-yl)-3-hydroxy-3-(<i>p</i>-tolyl)prop-2-en-1-one, C₁₅H₁₆N₂O₂. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 209-210.	0.1	3
68	Crystal structure of 1,1,(3,4-dihydroxythieno[2,3- <i>b</i>] thiophene-2,5-diyl)bis(2-bromoethanone), C₁₀H₆Br₂O₄S₂. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 255-256.	0.1	0
69	Crystal structure of 2-(4-methyl-3-phenylthiazol-2(3<i>H</i>)-ylidene)malononitrile, C₁₃H₉N₃S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 451-452.	0.1	0
70	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
71	Photosynthesis at the far-red region of the spectrum in <i>Acaryochloris marina</i> . <i>Biological Research</i> , 2017, 50, 16.	1.5	4
72	Arresting kinase suppressor of Ras in an inactive state. <i>Chinese Journal of Cancer</i> , 2017, 36, 5.	4.9	2

#	ARTICLE	IF	CITATIONS
73	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.	2.5	23
74	Crystal structure of (<i>Z</i>)-Ethyl 2-cyano-2-(3-phenylthiazolidin-2-ylidene) acetate, C ₁₄ H ₁₄ N ₂ O ₂ S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 41-42.	0.1	0
75	Urease inhibition potential of Di-naphthodiospyrol from <i>Diospyros lotus</i> roots. <i>Natural Product Research</i> , 2017, 31, 1214-1218.	1.0	13
76	Synthesis, characterization and computational studies of a novel thieno[2,3-b]thiophene derivative. <i>Journal of Molecular Structure</i> , 2017, 1130, 62-70.	1.8	5
77	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.	1.3	13
78	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
79	Crystal structure of (<i>Z</i>)-1-(1,5-dimethyl-1 <i>H</i> -pyrazol-3-yl)-3-hydroxy-3-phenylprop-2-en-1-one, C ₁₄ H ₁₄ N ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 201-202.	0.1	2
80	Crystal structure of (<i>Z</i>)-1-(1,5-dimethyl-1 <i>H</i> -pyrazol-3-yl)-3-(4-ethoxyphenyl)-3-hydroxyprop-2-en-1-one, C ₁₆ H ₁₈ N ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 207-208.	0.1	3
81	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.	1.8	45
82	Microwave-Assisted Synthesis of some Novel Azoles and Azolopyrimidines as Antimicrobial Agents. <i>Molecules</i> , 2017, 22, 346.	1.7	19
83	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.	1.7	16
84	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.	1.7	13
85	Synthesis, Antitumor Evaluation and Molecular Docking of New Morpholine Based Heterocycles. <i>Molecules</i> , 2017, 22, 1211.	1.7	13
86	The New High Resolution Crystal Structure of NS2B-NS3 Protease of Zika Virus. <i>Viruses</i> , 2017, 9, 7.	1.5	14
87	An Efficient Synthesis of Novel Pyrazole-Based Heterocycles as Potential Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 785.	1.3	23
88	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.	1.1	21
89	Spontaneous α -Methylation of an α -Bromoketone from DMF: Synthesis and Crystalline Structure of 1,1'-(3,4-Diphenylthieno[2,3-b]thiophene-2,5-diyl)bis(propan-1-one). <i>Heterocycles</i> , 2017, 94, 657.	0.4	0
90	Synthesis, Characterization and DFT Calculations of 4,5,12- and 1,8,12-trichloro-9,10-dihydro-9,10-ethanoanthracene-12-carbonitriles. <i>Crystals</i> , 2017, 7, 259.	1.0	3

#	ARTICLE	IF	CITATIONS
91	Crystal structure of (Z)-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxy-3-(4-methoxyphenyl)prop-2-en-1-one, C ₁₅ H ₁₆ N ₂ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 199-200.	0.1	3
92	Crystal structure of (Z)-3-hydroxy-3-(4-methoxyphenyl)-1-(pyridin-2-yl)prop-2-en-1-one, C ₁₅ H ₁₃ NO ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 235-236.	0.1	3
93	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, .	0.7	6
94	Synthesis, Structural Characterization and Antinociceptive Activities of New Arylated Quinolines via Suzuki-Miyaura Cross Coupling Reaction. Medicinal Chemistry, 2017, 13, 780-786.	0.7	7
95	Synthesis, and characterization of a new series of sulfite and sulfate derivatives of d-Mannitol. Journal of Saudi Chemical Society, 2016, 20, 307-312.	2.4	1
96	The Search for Covalently Ligandable Proteins in Biological Systems. Molecules, 2016, 21, 1170.	1.7	1
97	X-ray Single Crystal Structure, DFT Calculations and Biological Activity of 2-(3-Methyl-5-(pyridin-2-yl)-1H-pyrazol-1-yl) Ethanol. Molecules, 2016, 21, 1020.	1.7	4
98	Crystal structure of 2-(bis(methylthio)methylene)-1-phenylbutane-1,3-dione, C ₁₃ H ₁₄ O ₂ S ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 473-474.	0.1	0
99	One Pot Single Step Synthesis and Biological Evaluation of Some Novel Bis(1,3,4-thiadiazole) Derivatives as Potential Cytotoxic Agents. Molecules, 2016, 21, 1532.	1.7	58
100	Antimicrobial Activity of Some Novel Armed Thiophene Derivatives and Petra/Osiris/Molinspiration (POM) Analyses. Molecules, 2016, 21, 222.	1.7	86
101	Synthesis, Molecular Structure Optimization, and Cytotoxicity Assay of a Novel 2-Acetyl-3-amino-5-[(2-oxopropyl)sulfanyl]-4-cyanothiophene. Molecules, 2016, 21, 214.	1.7	12
102	Î 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. Molecules, 2016, 21, 888.	1.7	13
103	Synthesis and Structure-Activity Relationship of Some New Thiophene-Based Heterocycles as Potential Antimicrobial Agents. Molecules, 2016, 21, 1036.	1.7	44
104	Crystal structure of 1-(2,3-dihydro-4-methyl-3-phenyl-2-thioxothiazol-5-yl)-1-ethanone, C ₁₂ H ₁₁ NOS ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 925-926.	0.1	0
105	Crystal structure of N ² -(4-methoxybenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, C ₁₈ H ₁₆ N ₄ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 835-837.	0.1	3
106	Synthesis, antimicrobial, anti-cancer and molecular docking of two novel hitherto unreported thiophenes. RSC Advances, 2016, 6, 63724-63729.	1.7	17
107	Crystal structure of diethyl-3-methyl-4-phenylthieno[2,3-b]thiophene-2,5-dicarboxylate, C ₁₉ H ₁₈ O ₄ S ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 521-523.	0.1	0
108	Molecular Dynamics Simulation of Cholera Toxin A-1 Polypeptide. Open Chemistry, 2016, 14, 188-196.	1.0	8

#	ARTICLE	IF	CITATIONS
109	How to improve antifungal bioactivity: POM and DFT study of some chiral amides derivatives of diacetyl-L-tartaric acid and amines. Research on Chemical Intermediates, 2016, 42, 8055-8068.	1.3	23
110	Crystal structure of 1-(5-benzoyl-4-methyl-2-(phenylamino)thiophen-3-yl)ethan-1-one, a structure with $Z\hat{a}^2 = 6$, C ₂₀ H ₁₇ N ₂ O ₂ S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 517-520.	0.1	0
111	Crystal structure of $\langle i \rangle N \langle /i \rangle \hat{a}^2$ -(4-(dimethylamino)benzylidene)-5-phenyl-1 $\langle i \rangle H \langle /i \rangle$ -pyrazole-3-carbohydrazide, C ₁₉ H ₁₉ N ₅ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 883-886.	0.1	4
112	Crystal structure of (E)-2-(bis(methylthio)methylene)-1-phenyl-3-(2-phenylhydrazono)butan-1-one, C ₁₉ H ₂₀ N ₂ O ₂ S ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 475-476.	0.1	0
113	Synthesis, biological evaluation, and molecular docking studies of new pyrazolone derivatives with aromatase inhibition activities. Chemical Biology and Drug Design, 2016, 88, 832-843.	1.5	15
114	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. RSC Advances, 2016, 6, 82505-82514.	1.7	34
115	Efficient extraction of heavy metals from aqueous solution by novel hybrid material based on silica particles bearing new Schiff base receptor. Journal of Molecular Liquids, 2016, 223, 112-118.	2.3	29
116	Crystal structure of 1,1 \hat{a}^2 -(butane-1,4-diyl)bis(5-methyl-1H-pyrazole-3-carbaldehyde), C ₁₄ H ₁₈ N ₄ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 577-578.	0.1	1
117	Crystal structure of 2-amino-N-(4-methoxyphenyl)benzamide, C ₁₄ H ₁₄ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 203-204.	0.1	3
118	Commentary: Structure of spinach photosystem II "LHCII supercomplex at new high resolution. Open Chemistry, 2016, 14, 255-257.	1.0	1
119	Crystal structure of $\langle i \rangle N \langle /i \rangle \hat{a}^2$ -(4-nitrobenzylidene)-5-phenyl-1 $\langle i \rangle H \langle /i \rangle$ -pyrazole-3-carbohydrazide, C ₁₇ H ₁₃ N ₅ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 839-841.	0.1	6
120	Crystal structure of ($\langle i \rangle Z \langle /i \rangle$)-1-(1,5-dimethyl-1 $\langle i \rangle H \langle /i \rangle$ -pyrazol-3-yl)-3-hydroxybut-2-en-1-one C ₉ H ₁₂ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 617-618.	0.1	5
121	An inorganic "organic hybrid material made of a silica-immobilized Schiff base receptor and its preliminary use in heavy metal removal. RSC Advances, 2016, 6, 34212-34218.	1.7	22
122	Antinociceptive and anti-inflammatory activities of flavonoids isolated from Pistacia integerrima galls. Complementary Therapies in Medicine, 2016, 25, 132-138.	1.3	28
123	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.	0.4	6
124	Synthesis, Bioactivity, Molecular Docking and POM Analyses of Novel Substituted Thieno[2,3-b]thiophenes and Related Congeners. Molecules, 2015, 20, 1824-1841.	1.7	20
125	Crystal structure of (Z)-5-(3-methylbenzylidene)-2-thioxothiazolidin-4-one, C ₁₃ H ₁₅ N ₂ O ₂ S ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2015, 230, 257-258.	0.1	2
126	Crystal structure of 1-acetylimidazolidine-2,4-dione monohydrate, C ₅ H ₈ N ₂ O ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2015, 230, 255-256.	0.1	3

#	ARTICLE	IF	CITATIONS
127	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.	1.7	29
128	Synthesis, Spectroscopic Investigations (X-ray, NMR and TD-DFT), Antimicrobial Activity and Molecular Docking of 2,6-Bis(hydroxy(phenyl)methyl)cyclohexanone. <i>Molecules</i> , 2015, 20, 13240-13263.	1.7	4
129	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.	1.7	38
130	Synthesis and Characterization of Novel Thieno-Fused Bicyclic Compounds through New Enaminone Containing Thieno[2,3-b]pyridine Scaffold. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	0.9	4
131	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.	0.7	9
132	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.	1.3	17
133	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
134	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.	2.0	25
135	C,N-bipyrazole receptor grafted onto a porous silica surface as a novel adsorbent based polymer hybrid. <i>Talanta</i> , 2015, 143, 1-6.	2.9	18
136	Novel enaminone 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
137	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.	1.0	60
138	Regioselective synthesis and crystal structure of ethyl-4-acetyl-5-((2-)- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (ethoxy-2-oxoethyl)th Kristallographie - New Crystal Structures, 2015, 230, 241-242.	0.1	4
139	Synthesis of novel 5-monoalkylbarbiturate derivatives: new access to 1,2-oxazepines. <i>Tetrahedron Letters</i> , 2015, 56, 6984-6987.	0.7	19
140	Synthesis and molecular characterization of 5,5- α -((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.	1.8	14
141	Synthesis, molecular structure investigations and antimicrobial activity of 2-thioxothiazolidin-4-one derivatives. <i>Journal of Molecular Structure</i> , 2015, 1081, 519-529.	1.8	18
142	POM analyses of anti-kinase activity of thirteen peptide alkaloids extracted from <i>Zizyphus</i> species. <i>Medicinal Chemistry Research</i> , 2015, 24, 267-274.	1.1	5
143	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.	1.3	25
144	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.	0.2	19

#	ARTICLE	IF	CITATIONS
145	Crystal structure of (E)-3-mesityl-1-phenylprop-2-en-1-one, C ₁₈ H ₁₈ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.1	1
146	Synthesis, Characterization, X-Ray Crystal Structure, and Antimicrobial Activity of 1,1- α^2 -(3,4-Diphenylthieno[2,3- <i>b</i>]thiophene-2,5-diyl)diethanone. Journal of Chemistry, 2014, 2014, 1-5.	0.9	3
147	Synthesis and Reactions of Some New Heterocyclic Compounds. Asian Journal of Chemistry, 2014, 26, 6679-6682.	0.1	0
148	Synthesis and Biological Evaluation of 2-Aminobenzamide Derivatives as Antimicrobial Agents: Opening/Closing Pharmacophore Site. International Journal of Molecular Sciences, 2014, 15, 5115-5127.	1.8	28
149	Regioselective Synthesis of Some Pyrazole Scaffolds Attached to Benzothiazole and Benzimidazole Moieties. Journal of Chemistry, 2014, 2014, 1-5.	0.9	1
150	Tandem Aldol-Michael reactions in aqueous diethylamine medium: a greener and efficient approach to dimedone-barbituric acid derivatives. Chemistry Central Journal, 2014, 8, 9.	2.6	21
151	An efficient and green procedure for synthesis of rhodanine derivatives by aldol-thia-Michael protocol using aqueous diethylamine medium. RSC Advances, 2014, 4, 4909.	1.7	34
152	Facile and new convenient route for synthesis of some C ₂ -symmetric bidentate phosphine ligands derived from d-mannitol. Journal of Saudi Chemical Society, 2014, 18, 626-631.	2.4	2
153	Zwitterionic pyrimidinium adducts as antioxidants with therapeutic potential as nitric oxide scavenger. European Journal of Medicinal Chemistry, 2014, 84, 146-154.	2.6	44
154	Effect of garlic and cabbage on healing of gastric ulcer in experimental rats. Medicinal Chemistry Research, 2014, 23, 5110-5119.	1.1	13
155	Substituted thieno[2,3- <i>b</i>]thiophenes and related congeners: Synthesis, β -glucuronidase inhibition activity, crystal structure, and POM analyses. Bioorganic and Medicinal Chemistry, 2014, 22, 6715-6725.	1.4	31
156	3 β -Acetoxy-6-nitrocholest-5-ene: Crystal structure, thermal, optical and dielectrical behavior. Journal of Molecular Structure, 2014, 1063, 219-225.	1.8	5
157	Organically Modified Silica with Pyrazole-3-carbaldehyde as a New Sorbent for Solid-Liquid Extraction of Heavy Metals. Molecules, 2014, 19, 247-262.	1.7	36
158	Synthesis, Anti-microbial and Molecular Docking Studies of Quinazolin-4(3H)-one Derivatives. Molecules, 2014, 19, 8725-8739.	1.7	19
159	A Greener, Efficient Approach to Michael Addition of Barbituric Acid to Nitroalkene in Aqueous Diethylamine Medium. Molecules, 2014, 19, 1150-1162.	1.7	19
160	Crystal structure of 1-(5-acetyl-3,4-dimethyl-thieno[2,3- <i>b</i>]thiophen-2-yl)- ethanone, C ₁₂ H ₁₂ O ₂ S ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.1	3
161	Synthesis, reactions and biological activity of some new bis-heterocyclic ring compounds containing sulphur atom. Chemistry Central Journal, 2013, 7, 112.	2.6	60
162	Multiclass analysis on repaglinide, flubendazole, robenidine hydrochloride and danofloxacin drugs. Arabian Journal of Chemistry, 2013, 6, 131-144.	2.3	7

#	ARTICLE	IF	CITATIONS
163	Synthesis, growth, spectral, thermal and crystallographic studies of 5 β ,6 β -epoxycholestane single crystals. <i>Journal of Crystal Growth</i> , 2013, 384, 135-143.	0.7	4
164	Synthesis and Antimicrobial Activity of Some New Thieno[2,3-b]thiophene Derivatives. <i>Molecules</i> , 2013, 18, 4669-4678.	1.7	15
165	Synthesis of Thieno[2,3-b]thiophene Containing Bis-Heterocycles-Novel Pharmacophores. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5712-5722.	1.8	24
166	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.	1.8	36
167	Dimethyl 2-(4-methylbenzylidene)malonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o919-o919.	0.2	2
168	(<i>E</i>)-Ethyl 2-anilino-5-[3-(dimethylamino)acryloyl]-4-phenylthiophene-3-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o351-o351.	0.2	3
169	Ethyl 4-acetyl-5-anilino-3-methylthiophene-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1049-o1049.	0.2	3
170	3,4-Dimethylthieno[2,3-b]thiophene-2,5-dicarbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1272-o1272.	0.2	1
171	Synthesis and Characterization of Privileged Monodentate Phosphoramidite Ligands and Chiral Brønsted Acids Derived from D-Mannitol. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2727-2743.	1.8	5
172	6-Hydroxyimino-5 β -cholestane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3037-o3038.	0.2	0
173	Expeditious 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.	1.8	8
174	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.	1.8	20
175	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.	1.8	10
176	Synthesis and Antimicrobial Studies of Some Novel Bis-[1,3,4]thiadiazole and Bis-thiazole Pendant to Thieno[2,3-b]thiophene Moiety. <i>International Journal of Molecular Sciences</i> , 2012, 13, 3661-3670.	1.8	27
177	A Practical Chemo-enzymatic Approach to Highly Enantio-Enriched 10-Ethyl-7,8-dihydro- β -ionone Isomers: A Method for the Synthesis of 4,5-Didehydro- β -ionone. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5542-5553.	1.8	1
178	Thermal stability of anti-rheumatic pharmaceutical drugs parecoxib sodium and valdecoxib. <i>Journal of Saudi Chemical Society</i> , 2012, 16, 177-182.	2.4	6
179	1,1 α -(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.	1.7	23
180	Reactions of Some New Thienothiophene Derivatives. <i>Molecules</i> , 2011, 16, 5142-5148.	1.7	9

#	ARTICLE	IF	CITATIONS
181	Synthesis and Antimicrobial Evaluation of Some New Tetrahydropyrimidine Derivatives. <i>Heterocycles</i> , 2011, 83, 609.	0.4	13
182	Synthesis and Chemical Characterisation of Some New Diheteroaryl Thienothiophene Derivatives. <i>Molecules</i> , 2011, 16, 7706-7714.	1.7	18
183	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.	1.8	14
184	Facile and Convenient Synthesis of New Thieno[2,3-b]-Thiophene Derivatives. <i>Molecules</i> , 2010, 15, 9418-9426.	1.7	25
185	An Efficient Synthesis of New Thiazole Based Heterocycles. <i>Heterocycles</i> , 2010, 81, 2369.	0.4	10
186	Synthesis and Chemical Characterisation of New Bis-Thieno [2,3-b]thiophene Derivatives. <i>Molecules</i> , 2010, 15, 3329-3337.	1.7	18
187	Synthesis and Analysis of Some Bis-Heterocyclic Compounds Containing Sulphur. <i>Molecules</i> , 2009, 14, 1904-1914.	1.7	26
188	A Convenient Route to New Pyrrolo[1,2-c]pyrimidone, Thiazolo[3,4-c]pyrimidone and Pyrimido[4,5-d]pyridazine Derivatives. <i>Heterocycles</i> , 2009, 78, 937.	0.4	17
189	Synthesis and Antimicrobial Evaluation of New Pyrazole, Thiophene, Thiazole and 1,3,4-Thiadiazole Derivatives Incorporating Pyrimidine Ring. <i>Heterocycles</i> , 2009, 78, 1787.	0.4	25
190	A convenient access to new pyrido[4,3-d]pyrimidine, thiazolo[3,4-c]pyrimidine and pyrimido[4,5-d]pyridazine derivatives. <i>Arxivoc</i> , 2009, 2008, 107-116.	0.3	1
191	Facile and Convenient Synthesis of Pyrazole, Pyridine, Pyridazine, Pyrazolo[3,4-b]pyridine, and Pyrazolo[5,1-c]triazine Derivatives. <i>Synthetic Communications</i> , 2008, 38, 3170-3182.	1.1	27
192	Synthesis and Antimicrobial Evaluation of Some New Pyrimidine Derivatives. <i>Heterocycles</i> , 2008, 75, 887.	0.4	21
193	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.	0.4	19
194	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.	0.8	8
195	Synthesis and Biological Evaluation of Certain Tetrasubstituted Thiophene Derivatives. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-11.	1.4	1
196	An Economic Synthesis of New Thiazole Derivative as a Potent Anticancer, Anti-Antibiotic Resistant Bacteria, and Larvicidal Agent. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-9.	1.4	1
197	Design, Synthesis, Docking Studies and Antimicrobial Activity of 5-Substituted 4-Phenyl-2-(Phenylamino) Thiophene-3-Carboxylic Acid Ethyl Esters. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-12.	1.4	0