

# Smaail Radi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4819340/publications.pdf>

Version: 2024-02-01

168  
papers

3,540  
citations

172386

29  
h-index

182361

51  
g-index

178  
all docs

178  
docs citations

178  
times ranked

2887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Pharmacological Activities of Pyrazole Derivatives: A Review. <i>Molecules</i> , 2018, 23, 134.	1.7	603
2	Synthesis, X-ray structure, vibrational spectroscopy, DFT, biological evaluation and molecular docking studies of (E)-N <sup>4</sup> -(4-(dimethylamino)benzylidene)-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1219, 128541.	1.8	124
3	Keto-enol heterocycles as new compounds of corrosion inhibitors for carbon steel in 1 M HCl: Weight loss, electrochemical and quantum chemical investigation. <i>Journal of Molecular Liquids</i> , 2017, 248, 340-349.	2.3	108
4	Some hydrazine derivatives as corrosion inhibitors for mild steel in 1.0M HCl: Weight loss, electrochemical, SEM and theoretical studies. <i>Journal of Molecular Liquids</i> , 2016, 221, 633-641.	2.3	104
5	New hybrid adsorbent based on porphyrin functionalized silica for heavy metals removal: Synthesis, characterization, isotherms, kinetics and thermodynamics studies. <i>Journal of Hazardous Materials</i> , 2019, 370, 80-90.	6.5	85
6	Synthesis, antioxidant and analgesic activities of Schiff bases of 4-amino-1,2,4-triazole derivatives containing a pyrazole moiety. <i>Annales Pharmaceutiques Francaises</i> , 2016, 74, 431-438.	0.4	71
7	Synthesis, spectroscopic characterization, reactive properties by DFT calculations, molecular dynamics simulations and biological evaluation of Schiff bases tethered 1,2,4-triazole and pyrazole rings. <i>Journal of Molecular Structure</i> , 2019, 1177, 47-54.	1.8	71
8	Effect of some tripodal bipyrazolic compounds on C38 steel corrosion in hydrochloric acid solution. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1575-1582.	1.5	67
9	Synthesis, structural, molecular docking and spectroscopic studies of (E)-N <sup>4</sup> -(4-methoxybenzylidene)-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1225, 129072.	1.8	66
10	Thermodynamics and Kinetics of Heavy Metals Adsorption on Silica Particles Chemically Modified by Conjugated 1 <sup>2</sup> -Ketoenol Furan. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 2915-2925.	1.0	60
11	New pyrazole derivatives as effective corrosion inhibitors on steel-electrolyte interface in 1% M HCl: Electrochemical, surface morphological (SEM) and computational analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 604, 125325.	2.3	57
12	Co(II) and Zn(II) pyrazolyl-benzimidazole complexes with remarkable antibacterial activity. <i>New Journal of Chemistry</i> , 2020, 44, 2210-2221.	1.4	54
13	Pyridine-pyrazole compound as inhibitor for steel in 1M HCl. <i>Applied Surface Science</i> , 2005, 240, 341-348.	3.1	53
14	Synthesis, crystal structure, hirshfeld surface analysis, DFT calculations, anti-diabetic activity and molecular docking studies of (E)-N <sup>4</sup> -(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1221, 128800.	1.8	51
15	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
16	Quantum Chemical Studies on the Inhibiting Effect of Bipyrazoles on Steel Corrosion in HCl. <i>E-Journal of Chemistry</i> , 2010, 7, 419-424.	0.4	44
17	Some new bipyrazole derivatives as corrosion inhibitors for C38 steel in acidic medium. <i>Research on Chemical Intermediates</i> , 2012, 38, 2051-2063.	1.3	44
18	Novel Co(II) and Cu(II) coordination complexes constructed from pyrazole-acetamide: Effect of hydrogen bonding on the self assembly process and antioxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 21-28.	1.5	39

#	ARTICLE	IF	CITATIONS
19	Preparation of pyrazole compounds for attachment to chelating resins. <i>European Polymer Journal</i> , 2000, 36, 1885-1892.	2.6	38
20	Immobilization of pyrazole compounds on silica gels and their preliminary use in metal ion extraction. <i>New Journal of Chemistry</i> , 2003, 27, 1224.	1.4	38
21	Synthesis of Novel $\beta$ -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
22	Quantum Chemical Studies and Corrosion Inhibitive Properties of Mild Steel by Some Pyridine Derivatives in 1 N HCl Solution. <i>Portugaliae Electrochimica Acta</i> , 2014, 32, 77-108.	0.4	38
23	New tetrapyrazolic macrocycle. Synthesis and preliminary use in metal ion extraction. <i>Tetrahedron</i> , 2004, 60, 939-942.	1.0	36
24	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.	1.7	36
25	The effect of 1,3,5-tetramethyl-1H-1,3-bipyrazole on the corrosion of steel in 1.0M hydrochloric acid. <i>Research on Chemical Intermediates</i> , 2011, 37, 985-1007.	1.3	35
26	A novel environment-friendly hybrid material based on a modified silica gel with a bispyrazole derivative for the removal of Zn <sup>II</sup> , Pb <sup>II</sup> , Cd <sup>II</sup> and Cu <sup>II</sup> traces from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1821-1831.	3.0	35
27	Synthesis, crystal structure, DFT, $\alpha$ -glucosidase and $\alpha$ -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.	1.8	35
28	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.	1.7	34
29	Schiff's base derived from 2-acetyl thiophene as corrosion inhibitor of steel in acidic medium. <i>Journal of Taibah University for Science</i> , 2016, 10, 774-785.	1.1	33
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.	2.3	29
31	Removal efficiency of Pb(II), Zn(II), Cd(II) and Cu(II) from aqueous solution and natural water by ketoenol-pyrazole receptor functionalized silica hybrid adsorbent. <i>Separation Science and Technology</i> , 2017, 52, 608-621.	1.3	29
32	An efficient hybrid adsorbent based on silica-supported amino penta-carboxylic acid for water purification. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13096-13109.	5.2	29
33	Polysiloxane surface modified with bipyrazolic tripodal receptor for quantitative lead adsorption. <i>Journal of Hazardous Materials</i> , 2011, 185, 494-501.	6.5	28
34	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.	1.8	28
35	Catecholase activity investigations using in situ copper complexes with pyrazole and pyridine based ligands. <i>Applied Catalysis A: General</i> , 2013, 454, 93-99.	2.2	27
36	Synthesis, crystal structure, DFT studies and biological activity of (Z)-3-(3-bromophenyl)-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxyprop-2-en-1-one. <i>Chemistry Central Journal</i> , 2018, 12, 122.	2.6	27

#	ARTICLE	IF	CITATIONS
37	DFT and Electrochemical Investigations on the Corrosion Inhibition of Mild Steel by Novel Schiffâ€™s Base Derivatives in 1M HCl Solution. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5691-5707.	1.7	27
38	Extraction of metal ions from water with tetrapyrazolic macrocycles bound to Merrifield resin and silica gel. <i>Journal of Applied Polymer Science</i> , 2000, 78, 2495-2499.	1.3	26
39	Crystal engineering of a series of complexes and coordination polymers based on pyrazole-carboxylic acid ligands. <i>New Journal of Chemistry</i> , 2017, 41, 8232-8241.	1.4	26
40	Tetrapyrazolic tripods. Synthesis and preliminary use in metal ion extraction. <i>Tetrahedron</i> , 2005, 61, 2995-2998.	1.0	25
41	New N,N,N',N'-tetradentate Pyrazoly Agents: Synthesis and Evaluation of their Antifungal and Antibacterial Activities. <i>Medicinal Chemistry</i> , 2016, 12, 83-89.	0.7	25
42	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.	0.4	25
43	Synthesis and Preliminary Biological Activity of Some New Pyrazole Derivatives as Acyclonucleoside Analogues. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 27-30.	0.4	24
44	Pyrazolic tripods synthesis and cation binding properties. <i>Journal of Chemical Research</i> , 2004, 2004, 640-641.	0.6	23
45	Tridentate bipyrazole compounds with a side-arm as a new class of antitumor agents. <i>Research on Chemical Intermediates</i> , 2014, 40, 681-687.	1.3	23
46	A new tetrapyrazolic macrocycle. Synthesis and its use in extraction and transport of K <sup>+</sup> , Na <sup>+</sup> and Li <sup>+</sup> . <i>Tetrahedron</i> , 2006, 62, 9153-9155.	1.0	22
47	Synthesis and characterization of novel silica gel supported N-pyrazole ligand for selective elimination of Hg(II). <i>European Polymer Journal</i> , 2008, 44, 3163-3168.	2.6	22
48	An inorganicâ€“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.	1.7	22
49	Novel $\beta$ -ketoenol Pyrazolic Compounds as Potent Antifungal Agents. Design, Synthesis, Crystal Structure, DFT, Homology Modeling, and Docking Studies. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1398-1409.	2.5	22
50	Highly Selective Removal of Pb(II) by a Pyridylpyrazole- $\beta$ -ketoenol Receptor Covalently Bonded onto the Silica Surface. <i>ACS Omega</i> , 2019, 4, 3954-3964.	1.6	22
51	Electrochemical and theoretical performance of new synthesized pyrazole derivatives as promising corrosion inhibitors for mild steel in acid environment: Molecular structure effect on efficiency. <i>Journal of Molecular Liquids</i> , 2021, 342, 117507.	2.3	22
52	Quantitative removal of Zn(II) from aqueous solution and natural water using new silica-immobilized ketoenolâ€“pyridine receptor. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1769-1778.	3.3	21
53	Performance evaluation of newly synthesized bi-pyrazole derivatives as corrosion inhibitors for mild steel in acid environment. <i>Journal of Molecular Structure</i> , 2022, 1261, 132925.	1.8	21
54	Synthesis and crystal structures of mononuclear Cu(I)/Co(II) coordination complexes from pyrazole-dicarboxylate acid derivatives. <i>Polyhedron</i> , 2015, 85, 383-388.	1.0	19

#	ARTICLE	IF	CITATIONS
55	New hybrid material based on a silica-immobilised conjugated $\beta$ -ketoenol-bipyridine receptor and its excellent Cu(II) adsorption capacity. <i>Analytical Methods</i> , 2016, 8, 6923-6931.	1.3	19
56	Engineering $\beta$ -ketoenol structure functionality in hybrid silica as excellent adsorbent material for removal of heavy metals from water. <i>New Journal of Chemistry</i> , 2018, 42, 13229-13240.	1.4	19
57	New tetrapyrazolic macrocycle. Synthesis and cation binding properties. <i>Journal of Chemical Research</i> , 2003, 2003, 712-714.	0.6	18
58	Synthesis and characterization of a new material based on porous silica—Chemically immobilized C,N-pyridylpyrazole for heavy metals adsorption. <i>Materials Chemistry and Physics</i> , 2008, 111, 296-300.	2.0	18
59	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
60	Synthesis, X-ray, spectroscopy, molecular docking and DFT calculations of (E)-N'-(2,4-dichlorobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1228, 129714.	1.8	18
61	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
62	Pyrazole carbohydrazide as corrosion inhibitor for mild steel in HCl medium: Experimental and theoretical investigations. <i>Surfaces and Interfaces</i> , 2020, 20, 100578.	1.5	17
63	Efficient and Environmentally Friendly Adsorbent Based on $\beta$ -Ketoenol-Pyrazole-Thiophene for Heavy-Metal Ion Removal from Aquatic Medium: A Combined Experimental and Theoretical Study. <i>ACS Omega</i> , 2020, 5, 17324-17336.	1.6	17
64	Experimental and first-principles study of a new hydrazine derivative for DSSC applications. <i>Journal of Molecular Structure</i> , 2021, 1229, 129799.	1.8	17
65	New functionalised C,C-bipyrazoles. Synthesis and cation binding properties. <i>Journal of Chemical Research</i> , 2006, 2006, 655-657.	0.6	16
66	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.	1.7	15
67	Solvent induced supramolecular polymorphism in Cu(II) coordination complex built from 1,2,4-triazolo[1,5-a]pyrimidine: Crystal structures and anti-oxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111092.	1.5	15
68	Experimental and theoretical study for removal of trimethoprim from wastewater using organically modified silica with pyrazole-3-carbaldehyde bridged to copper ions. <i>BMC Chemistry</i> , 2022, 16, 17.	1.6	15
69	Functionalized SiO <sub>2</sub> With S-Donor Thiophene: Synthesis, Characterization, and Its Heavy Metals Adsorption. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 2003-2013.	0.8	14
70	Inhibition effect of E and Z conformations of 2-pyridinealdazine on mild steel corrosion in phosphoric acid. <i>Anti-Corrosion Methods and Materials</i> , 2017, 64, 23-35.	0.6	14
71	Supramolecular Hybrid Material Based on Engineering Porphyrin Hosts for an Efficient Elimination of Lead(II) from Aquatic Medium. <i>Molecules</i> , 2019, 24, 669.	1.7	14
72	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

#	ARTICLE	IF	CITATIONS
73	Synthesis and Biological Activity of New 1,2,3-Triazole Acyclonucleosides Analogues of ACV. Journal of Chemical Research, 2002, 2002, 264-266.	0.6	13
74	Î <sup>2</sup> -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
75	Removal of toxic heavy metals from river water samples using a porous silica surface modified with a new Î <sup>2</sup> -ketoenolic host. Beilstein Journal of Nanotechnology, 2019, 10, 262-273.	1.5	13
76	Crystal structure, physicochemical, DFT, optical, keto-enol tautomerization, docking, and anti-diabetic studies of (Z)-pyrazol Î <sup>2</sup> -keto-enol derivative. Journal of Molecular Structure, 2022, 1247, 131308.	1.8	13
77	Synthesis, crystal structure, spectroscopic characterization, Î <sup>±</sup> -glucosidase inhibition and computational studies of (E)-5-methyl-N <sup>â€²</sup> -(pyridin-2-ylmethylene)-1H-pyrazole-3-carbohydrazide. Journal of Molecular Structure, 2022, 1248, 131506.	1.8	13
78	Synthesis of pyridin-3-yl-functionalized silica as a chelating sorbent for solid-phase adsorption of Hg(II), Pb(II), Zn(II), and Cd(II) from water. Research on Chemical Intermediates, 2013, 39, 3791-3802.	1.3	12
79	Synthesis, Biochemical Characterization, and Theoretical Studies of Novel Î <sup>2</sup> -Keto-enol Pyridine and Furan Derivatives as Potent Antifungal Agents. ACS Omega, 2020, 5, 17743-17752.	1.6	12
80	Crystal structure of N <sup>â€²</sup> -diphenylmethylidene-5-methyl-1H-pyrazole-3-carbohydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o890-o891.	0.2	12
81	1-(Pyridin-2-yl) Imine Functionalized Silica Gel: Synthesis, Characterization, and Preliminary Use in Metal Ion Extraction. Separation Science and Technology, 2013, 48, 1349-1355.	1.3	11
82	Ultra-fast and highly efficient hybrid material removes Cu(II) from wastewater: Kinetic study and mechanism. Journal of Cleaner Production, 2021, 284, 124757.	4.6	11
83	New Amine-Modified Silicas: Synthesis, Characterization and Its Use in the Cu(II)-Removal from Aqueous Solutions. Progress in Nanotechnology and Nanomaterials, 2013, 2, 108-116.	1.3	11
84	Synthesis and investigations of reactive properties, photophysical properties and biological activities of a pyrazole-triazole hybrid molecule. Journal of Molecular Structure, 2022, 1265, 133363.	1.8	11
85	Synthesis, Î <sup>±</sup> -Glucosidase Inhibition, Anticancer, DFT and Molecular Docking Investigations of Pyrazole Hydrazone Derivatives. Polycyclic Aromatic Compounds, 2023, 43, 5021-5040.	1.4	11
86	Surface Modification of Porous Silica with Bi-thiophene Tripodal Ligand and Application to Adsorption of Toxic Metal Cations. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 185, 232-241.	0.8	10
87	Synthesis of some 1-aryl-3,5-disubstituted-pyrazoles by N-arylation of 3,5-disubstituted-pyrazoles with 4-fluoro and 2-fluoronitrobenzene under microwave irradiation and classical heating. Arkivoc, 2006, 2006, 138-144.	0.3	10
88	Coordination complexes constructed from pyrazole <sup>â€²</sup> -acetamide and pyrazole <sup>â€²</sup> -quinoxaline: effect of hydrogen bonding on the self-assembly process and antibacterial activity. RSC Advances, 2022, 12, 5324-5339.	1.7	10
89	Corrosion inhibition of steel in hydrochloric acid solution by new bipyrazole derivatives. Pigment and Resin Technology, 2005, 34, 197-202.	0.5	9
90	New polysiloxane <sup>â€²</sup> -chemically immobilized C <sub>60</sub> -bipyrazolic receptor for heavy metals adsorption. Journal of Applied Polymer Science, 2011, 121, 1393-1399.	1.3	9

#	ARTICLE	IF	CITATIONS
91	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
92	Removal and extraction efficiency of Quaternary ammonium herbicides paraquat (PQ) from aqueous solution by ketoenolâ€“pyrazole receptor functionalized silica hybrid adsorbent (SiNPz). <i>BMC Chemistry</i> , 2019, 13, 86.	1.6	9
93	Selective Confinement of Cd<sup>II</sup> in Silica Particles Functionalized with Î²â€“Ketoâ€“Enolâ€“Bisfuran Receptor: Isotherms, Kinetic and Thermodynamic Studies. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3180-3186.	1.0	9
94	Selective chemical adsorption of Cd(<sc>ii</sc>) on silica covalently decorated with a Î²-ketoenol-thiophene-furan receptor. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1037-1047.	1.7	9
95	Kinetics, thermodynamics, equilibrium, surface modelling, and atomic absorption analysis of selective Cu(<sc>ii</sc>) 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
96	Synthesis, spectral, electrochemical, crystal structure studies of two novel di-1/4-halo-bis[halo(2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline)cadmium(II)] dimer complexes and their thermolysis to nanometal oxides. <i>Journal of Molecular Structure</i> , 2015, 1099, 323-329.	1.8	8
97	New adsorbent material based on nitrothiophene-functionalized silica particles for aqueous heavy metals removal. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 296-306.	1.0	8
98	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
99	One Pot Synthesis and In Vitro Antitumor Activity of some Bipyrazolic Tripodal Derivatives. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 305-309.	0.4	8
100	Synthesis, Antibacterial and Antifungal Activities of Novel N,Nâ€“bipyrazole Piperazine Derivatives. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 853-857.	0.4	8
101	Synthesis and Biological Activities of New Triphenyl Organotin (IV) Based on the Pyrazole Carboxylic Acids. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 382-385.	0.4	7
102	C,Nâ€“Pyridylpyrazoleâ€“Based Ligands: Synthesis and Preliminary Use in Metal Ion Extraction. <i>Separation Science and Technology</i> , 2007, 42, 3493-3501.	1.3	7
103	Synthesis, spectral, X-ray single structure, DFT calculations and antimicrobial activities of [Co(II)X <sub>2</sub> (dmphen)] (X=Br and SCNâ€“). <i>Journal of Molecular Structure</i> , 2015, 1086, 153-160.	1.8	7
104	Thermodynamic Characterization of Metal Dissolution and Inhibitor Adsorption Processes in Mild Steel/New Bipyrazole Derivatives/Hydrochloric Acid System. <i>Asian Journal of Chemistry</i> , 2017, 29, 1827-1838.	0.1	7
105	Highly efficient and selective adsorbent for potentially toxic metals removal from aquatic media. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5980-5989.	3.3	7
106	Iron(ii) coordination pyrazole complexes with aromatic sulfonate ligands: the role of ether. <i>New Journal of Chemistry</i> , 2020, 44, 13902-13912.	1.4	7
107	Library of Synthetic Compounds Based on Pyrazole Unit: Design and Screening Against Breast and Colorectal Cancer. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1010-1016.	0.4	7
108	Synthesis and cytotoxicity against tumor cells of pincer N-heterocyclic ligands and their transition metal complexes. <i>RSC Advances</i> , 2021, 11, 34742-34753.	1.7	7

#	ARTICLE	IF	CITATIONS
109	Novel family of bis-pyrazole coordination complexes as potent antibacterial and antifungal agents. RSC Advances, 2022, 12, 17755-17764.	1.7	7
110	Synthesis, Characterisation and Crystal Structure of a New Bis-tripodal Ligand: N,N,N',N'-tetrakis[(1,5-dimethylpyrazol-3-yl)methyl]-1,4-phenylenediamine. Journal of Chemical Research, 2005, 2005, 242-244.	0.6	6
111	Synthesis and characterization of novel porous SiO <sub>2</sub> material functionalized with C <sub>60</sub> -pyridylpyrazole receptor. Journal of Applied Polymer Science, 2010, 117, 3345-3349.	1.3	6
112	New Polysiloxane Surfaces Modified with ortho-, meta- or para-Nitrophenyl Receptors for Copper Adsorption. Journal of Surface Engineered Materials and Advanced Technology, 2014, 04, 21-28.	0.2	6
113	Crystal structure of N-(4-nitrobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, C <sub>17</sub> H <sub>13</sub> N <sub>5</sub> O <sub>3</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 839-841.	0.1	6
114	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.	1.4	6
115	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
116	New Bis-Pyrazole-Bis-Acetate Based Coordination Complexes: Influence of Counter-Anions and Metal Ions on the Supramolecular Structures. Sustainability, 2021, 13, 288.	1.6	6
117	Synthesis and transport abilities of new membrane materials incorporating mono- and bi-pyrazolic compounds. European Polymer Journal, 2005, 41, 817-821.	2.6	5
118	Synthesis and transport abilities of new membrane materials incorporating bipyrazolic tripods. Journal of Applied Polymer Science, 2007, 104, 3967-3972.	1.3	5
119	Crystal structure of (Z)-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxybut-2-en-1-one C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 617-618.	0.1	5
120	Exploring Triazole-Thiourea-Based Ligands for the Self-Assembly of Photoluminescent Hg(II) Coordination Compounds. Crystal Growth and Design, 2021, 21, 3562-3581.	1.4	5
121	Synthesis of new 1,1'-di(4-nitro or 2-nitrophenyl)-5,5'-disubstituted-3,3'-bipyrazoles under microwave irradiation and classical heating conditions. Arkivoc, 2007, 2006, 46-52.	0.3	5
122	Experimental and Computational Interaction Studies of (E)-N-Benzylidene-5-Methyl-1H-Pyrazole-3-Carbohydrazide with $\alpha$ -Glucosidase and $\alpha$ -Amylase Enzymes: A Detailed Structural, Spectroscopic, and Biophysical Study. Polycyclic Aromatic Compounds, 2023, 43, 1812-1832.	1.4	5
123	Transport abilities of new synthesised membrane materials incorporating tetrapyrazolic tripods. Journal of Applied Polymer Science, 2009, 111, 57-62.	1.3	4
124	New Functionalised C,C-pyridylpyrazoles: Synthesis and Cation Binding Properties. Journal of Chemical Research, 2009, 2009, 72-74.	0.6	4
125	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
126	Crystal structure of N-(4-(dimethylamino)benzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, C <sub>19</sub> H <sub>19</sub> N <sub>5</sub> O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 883-886.	0.1	4



#	ARTICLE	IF	CITATIONS
127	Inhibitor adsorption processes in mild steel/new bipyrazole derivatives/hydrochloric acid system. <i>Materials Today: Proceedings</i> , 2020, 27, 3209-3216.	0.9	4
128	A New Thiophene-Based Tripodal Ligand: Synthesis and Cation Binding Properties. <i>Journal of Chemical Research</i> , 2006, 2006, 788-789.	0.6	3
129	Design, Synthesis, Characterization of Novel Ruthenium(II) Catalysts: Highly Efficient and Selective Hydrogenation of Cinnamaldehyde to (E)-3-Phenylprop-2-en-1-ol. <i>Molecules</i> , 2014, 19, 5965-5980.	1.7	3
130	Crystal structure of $\text{C}_{18}\text{H}_{16}\text{N}_4\text{O}_2$ -(4-methoxybenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 835-837.	0.1	3
131	Crystal structure of ( <i>Z</i> )-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxy-3-( <i>p</i> -tolyl)prop-2-en-1-one, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 209-210.	0.1	3
132	Crystal structure of ( <i>Z</i> )-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-(4-ethoxyphenyl)-3-hydroxyprop-2-en-1-one, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 207-208.	0.1	3
133	Crystal structure of ( <i>Z</i> )-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxy-3-(4-methoxyphenyl)prop-2-en-1-one, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 199-200.	0.1	3
134	Crystal structure of ( <i>Z</i> )-3-hydroxy-3-(4-methoxyphenyl)-1-(pyridin-2-yl)prop-2-en-1-one, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 235-236.	0.1	3
135	Synthesis, Characterization and Corrosion Protection Properties of Imidazole Derivatives on Mild Steel in 1.0 M HCl. <i>Portugaliae Electrochimica Acta</i> , 2016, 34, 213-229.	0.4	3
136	Pyrazole's substituents effect on the spin state of $[\text{Fe}(\text{bpp})_2]^{2+}$ -complexes. <i>Hyperfine Interactions</i> , 2021, 242, 1.	0.2	3
137	Phenylamine/Amide Grafted in Silica as Sensing Nanocomposites for the Removal of Carbamazepine: A DFT Approach. <i>Chemosensors</i> , 2022, 10, 76.	1.8	3
138	Bis[(3-methoxycarbonyl-5-methyl pyrazol)-1-yl Thiocarbonyl] Disulfide. <i>Molecules</i> , 2001, 6, M234.	1.7	2
139	Crystal structure of ( <i>Z</i> )-1-(1,5-dimethyl-1H-pyrazol-3-yl)-3-hydroxy-3-phenylprop-2-en-1-one, <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 201-202.	0.1	2
140		1.7	1
141	Bis[(3-hydroxymethyl-5-methyl pyrazol)-1-yl Thiocarbonyl] Disulfide. <i>Molecules</i> , 2001, 6, M235.	1.7	1
142	A New 1,2,4-Triazole Acyclonucleosides: Synthesis and Biological Evaluation. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 212-214.	0.4	1
143	1-(2-ethoxy-2-oxoethyl)-5-methyl-1H-pyrazole-3-methyl carboxylate. <i>MolBank</i> , 2007, 2007, M528.	0.2	1
144	Removal of Phenol from Olive Industry Liquid Waste Using Polyitaconic Acid. <i>Asian Journal of Chemistry</i> , 2014, 26, S15-S22.	0.1	1

#	ARTICLE	IF	CITATIONS
145	Crystal structure of 1,1â€²-(butane-1,4-diyl)bis(5-methyl-1H-pyrazole-3-carbaldehyde), C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 577-578.	0.1	1
146	Bis(N,N-dibutylthiocarbamoyl) Disulfide. Molecules, 2001, 6, M232.	1.7	1
147	New Polysiloxane Surfaces Modified with Ortho-, Meta-, or Para-Nitrophenyl Moieties for Cadmium Removal from Water. Journal of Surface Engineered Materials and Advanced Technology, 2016, 06, 18-35.	0.2	1
148	1-[(2-Acetoxyethoxy)methyl]-3-methyl-6-azauracil. Molecules, 2000, 5, M148.	1.7	0
149	1-[(2-Acetoxyethoxy)methyl]-3-benzyl-5-bromo-6-azauracil. Molecules, 2000, 5, M155.	1.7	0
150	1-[(2-Acetoxyethoxy)methyl]-3-methyl-5-bromo-6-azauracil. Molecules, 2000, 5, M153.	1.7	0
151	1-[(2-Acetoxyethoxy)methyl]-3-ethyl-6-azauracil. Molecules, 2000, 5, M149.	1.7	0
152	1-[(2-Acetoxyethoxy)methyl]-3-benzyl-6-azauracil. Molecules, 2000, 5, M150.	1.7	0
153	1-[(2-Acetoxyethoxy)methyl]-3-allyl-6-azauracil. Molecules, 2000, 5, M151.	1.7	0
154	1-[(2-Acetoxyethoxy)methyl]-3-ethoxycarbonylmethyl-6-azauracil. Molecules, 2000, 5, M152.	1.7	0
155	1-[(2-Acetoxyethoxy)methyl]-3-ethyl-5-bromo-6-azauracil. Molecules, 2000, 5, M154.	1.7	0
156	1-[(2-Acetoxyethoxy)methyl]-3-allyl-5-bromo-6-azauracil. Molecules, 2000, 5, M156.	1.7	0
157	1-[(2-Acetoxyethoxy)methyl]-3-ethoxycarbonylmethyl-5-bromo-6-azauracil. Molecules, 2000, 5, M157.	1.7	0
158	New Tetrapyrazolic Macrocycle. Synthesis and Preliminary Use in Metal Ion Extraction.. ChemInform, 2004, 35, no.	0.1	0
159	New Tetrapyrazolic Macrocycle. Synthesis and Cation Binding Properties.. ChemInform, 2004, 35, no.	0.1	0
160	Pyrazolic Tripods Synthesis and Cation Binding Properties.. ChemInform, 2005, 36, no.	0.1	0
161	Ethyl 2-(5,1â€²,5â€²-trimethyl-3,3â€²-bi-1H-pyrazol-1-yl)acetate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1092-o1093.	0.2	0
162	2-(1â€²,5â€²,5-Trimethyl-3,3â€²-bi-1H-pyrazol-1-yl)ethanol. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1908-o1909.	0.2	0

#	ARTICLE	IF	CITATIONS
163	1-(2-ethoxy-2-oxoethyl)-5-methyl-1H-pyrazole-3-ethyl carboxylate. MolBank, 2007, 2007, M527.	0.2	0
164	Synthesis and Characterization of New Aromatic Silicone Diols. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 1975-1983.	0.8	0
165	Crystal structure of 3-(pyrazin-2-ylamino)-2-benzofuran-1(3H)-one, C <sub>12</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 385-386.	0.1	0
166	5,5-Dimethyl-2,2-di(pyridin-2-yl)hexahydropyrimidine. MolBank, 2015, 2015, M838.	0.2	0
167	N <sup>2</sup> -[(1E)-4-Bromobenzylidene]-5-phenyl-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, .	0.1	0
168	5-Methyl-N <sup>2</sup> -[(Z)-4-methylbenzylidene]-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, .	0.1	0