

Smaail Radi

List of Publications by Year in descending order

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#	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, α -Glucosidase Inhibition, Anticancer, DFT and Molecular Docking Investigations of Pyrazole Hydrazone Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 5021-5040.	1.4	11
3	Crystal structure, physicochemical, DFT, optical, keto-enol tautomerization, docking, and anti-diabetic studies of (Z)-pyrazol β -keto-enol derivative. <i>Journal of Molecular Structure</i> , 2022, 1247, 131308.	1.8	13
4	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
5	Coordination complexes constructed from pyrazole α -acetamide and pyrazole α -quinoxaline: effect of hydrogen bonding on the self-assembly process and antibacterial activity. <i>RSC Advances</i> , 2022, 12, 5324-5339.	1.7	10
6	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
7	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
8	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
9	Synthesis and investigations of reactive properties, photophysical properties and biological activities of a pyrazole-triazole hybrid molecule. <i>Journal of Molecular Structure</i> , 2022, 1265, 133363.	1.8	11
10	Novel family of bis-pyrazole coordination complexes as potent antibacterial and antifungal agents. <i>RSC Advances</i> , 2022, 12, 17755-17764.	1.7	7
11	Synthesis, structural, molecular docking and spectroscopic studies of (E)-N ⁴ -(4-methoxybenzylidene)-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1225, 129072.	1.8	66
12	Synthesis, X-ray, spectroscopy, molecular docking and DFT calculations of (E)-N ⁴ -(2,4-dichlorobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2021, 1228, 129714.	1.8	18
13	Ultra-fast and highly efficient hybrid material removes Cu(II) from wastewater: Kinetic study and mechanism. <i>Journal of Cleaner Production</i> , 2021, 284, 124757.	4.6	11
14	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
15	Exploring α -Triazole-Thiourea α -Based Ligands for the Self-Assembly of Photoluminescent Hg(II) Coordination Compounds. <i>Crystal Growth and Design</i> , 2021, 21, 3562-3581.	1.4	5
16	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
17	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
18	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

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19	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
20	Pyrazole's substituents effect on the spin state of [Fe(bpp) ₂] ²⁺ -complexes. <i>Hyperfine Interactions</i> , 2021, 242, 1.	0.2	3
21	New Bis-Pyrazole-Bis-Acetate Based Coordination Complexes: Influence of Counter-Anions and Metal Ions on the Supramolecular Structures. <i>Sustainability</i> , 2021, 13, 288.	1.6	6
22	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
23	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
24	Selective chemical adsorption of Cd(II) on silica covalently decorated with a β -ketoenol-thiophene-furan receptor. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1037-1047.	1.7	9
25	New pyrazole derivatives as effective corrosion inhibitors on steel-electrolyte interface in 1M HCl: Electrochemical, surface morphological (SEM) and computational analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 604, 125325.	2.3	57
26	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
27	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
28	Synthesis, X-ray structure, vibrational spectroscopy, DFT, biological evaluation and molecular docking studies of (E)-N ⁴ -(4-(dimethylamino)benzylidene)-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1219, 128541.	1.8	124
29	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
30	Synthesis, Biochemical Characterization, and Theoretical Studies of Novel β -Keto-enol Pyridine and Furan Derivatives as Potent Antifungal Agents. <i>ACS Omega</i> , 2020, 5, 17743-17752.	1.6	12
31	Efficient and Environmentally Friendly Adsorbent Based on β -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
32	Synthesis, crystal structure, hirshfeld surface analysis, DFT calculations, anti-diabetic activity and molecular docking studies of (E)-N ⁴ -(5-bromo-2-hydroxybenzylidene) isonicotinohydrazide. <i>Journal of Molecular Structure</i> , 2020, 1221, 128800.	1.8	51
33	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
34	Inhibitor adsorption processes in mild steel/new bipyrazole derivatives/hydrochloric acid system. <i>Materials Today: Proceedings</i> , 2020, 27, 3209-3216.	0.9	4
35	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
36	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

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37	Removal of toxic heavy metals from river water samples using a porous silica surface modified with a new β -ketoenolic host. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 262-273.	1.5	13
38	Selective Confinement of Cd ^{II} in Silica Particles Functionalized with β -Ketoenol α -Bisfuran Receptor: Isotherms, Kinetic and Thermodynamic Studies. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3180-3186.	1.0	9
39	Novel β -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
40	Highly Selective Removal of Pb(II) by a Pyridylpyrazole- β -ketoenol Receptor Covalently Bonded onto the Silica Surface. <i>ACS Omega</i> , 2019, 4, 3954-3964.	1.6	22
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Synthesis and Pharmacological Activities of Pyrazole Derivatives: A Review. <i>Molecules</i> , 2018, 23, 134.	1.7	603
51	Engineering β -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
52	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
53	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
54	Removal efficiency of Pb(II), Zn(II), Cd(II) and Cu(II) from aqueous solution and natural water by ketoenol α -pyrazole receptor functionalized silica hybrid adsorbent. <i>Separation Science and Technology</i> , 2017, 52, 608-621.	1.3	29

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55	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
56	A novel environment-friendly hybrid material based on a modified silica gel with a bispyrazole derivative for the removal of Zn ^{II} , Pb ^{II} , Cd ^{II} and Cu ^{II} traces from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1821-1831.	3.0	35
57	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
58	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, C ₁₅ H ₁₆ N ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 209-210.	0.1	3
59	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
60	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
61	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
62	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
63	Crystal structure of (<i>Z</i>)-1-(1,5-dimethyl-1 <i>H</i> -pyrazol-3-yl)-3-hydroxy-3-(4-methoxyphenyl)prop-2-en-1-one, C ₁₅ H ₁₆ N ₂ O ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 199-200.	0.1	3
64	Crystal structure of (<i>Z</i>)-3-hydroxy-3-(4-methoxyphenyl)-1-(pyridin-2-yl)prop-2-en-1-one, C ₁₅ H ₁₃ NO ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 235-236.	0.1	3
65	X-ray Single Crystal Structure, DFT Calculations and Biological Activity of 2-(3-Methyl-5-(pyridin-2-yl)-1 <i>H</i> -pyrazol-1-yl) Ethanol. <i>Molecules</i> , 2016, 21, 1020.	1.7	4
66	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
67	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. <i>Molecules</i> , 2016, 21, 888.	1.7	13
68	Crystal structure of (<i>N</i>)- ² -(4-methoxybenzylidene)-5-phenyl-1 <i>H</i> -pyrazole-3-carbohydrazide, C ₁₈ H ₁₆ N ₄ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 835-837.	0.1	3
69	Crystal structure of (<i>N</i>)- ² -(4-(dimethylamino)benzylidene)-5-phenyl-1 <i>H</i> -pyrazole-3-carbohydrazide, C ₁₉ H ₁₉ N ₅ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 883-886.	0.1	4
70	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
71	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
72	New hybrid material based on a silica-immobilised conjugated Î ² -ketoenol-bipyridine receptor and its excellent Cu(II) adsorption capacity. <i>Analytical Methods</i> , 2016, 8, 6923-6931.	1.3	19

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73	Crystal structure of 1,1-((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
74	Crystal structure of N-((4-nitrobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide, C ₁₇ H ₁₃ N ₅ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 839-841.	0.1	6
75	Some hydrazine derivatives as corrosion inhibitors for mild steel in 1.0M HCl: Weight loss, electrochemical, SEM and theoretical studies. Journal of Molecular Liquids, 2016, 221, 633-641.	2.3	104
76	Synthesis, antioxidant and analgesic activities of Schiff bases of 4-amino-1,2,4-triazole derivatives containing a pyrazole moiety. Annales Pharmaceutiques Francaises, 2016, 74, 431-438.	0.4	71
77	Crystal structure of (Z)-1-(1,5-dimethyl-1H-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
78	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
79	New adsorbent material based on nitrothiophene-functionalized silica particles for aqueous heavy metals removal. Journal of Sulfur Chemistry, 2016, 37, 296-306.	1.0	8
80	Schiff's base derived from 2-acetyl thiophene as corrosion inhibitor of steel in acidic medium. Journal of Taibah University for Science, 2016, 10, 774-785.	1.1	33
81	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
82	Synthesis, Characterization and Corrosion Protection Properties of Imidazole Derivatives on Mild Steel in 1.0 M HCl. Portugaliae Electrochimica Acta, 2016, 34, 213-229.	0.4	3
83	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
84	N-((1E)-4-Bromobenzylidene)-5-phenyl-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, .	0.1	0
85	5-Methyl-N-((Z)-4-methylbenzylidene)-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, .	0.1	0
86	Synthesis of Novel 2-Keto-Enol Derivatives Tethered Pyrazole, Pyridine and Furan as New Potential Antifungal and Anti-Breast Cancer Agents. Molecules, 2015, 20, 20186-20194.	1.7	38
87	5,5-Dimethyl-2,2-di(pyridin-2-yl)hexahydropyrimidine. MolBank, 2015, 2015, M838.	0.2	0
88	Origin and switch of different colors: Thermo-isomerism and crystal structure of (1E,2E)-bis[1-(4-nitrophenyl)ethylidene] hydrazine. Journal of Chemical Sciences, 2015, 127, 2211-2216.	0.7	9
89	Synthesis of 1-(furan-2-yl) imine Functionalized Silica as a Chelating Sorbent and its Preliminary Use in Metal Ion Adsorption. Separation Science and Technology, 2015, 50, 710-717.	1.3	17
90	Synthesis, spectral, X-ray single structure, DFT calculations and antimicrobial activities of [Co(II)X ₂ (dmphen)] (X=Br and SCN ⁻). Journal of Molecular Structure, 2015, 1086, 153-160.	1.8	7

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91	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
92	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
93	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
94	Thermodynamics and Kinetics of Heavy Metals Adsorption on Silica Particles Chemically Modified by Conjugated 1,2-Ketoenol Furan. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 2915-2925.	1.0	60
95	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
96	Crystal structure of N,N'-diphenylmethylidene-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o890-o891.	0.2	12
97	Removal of Phenol from Olive Industry Liquid Waste Using Polyitaconic Acid. <i>Asian Journal of Chemistry</i> , 2014, 26, S15-S22.	0.1	1
98	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
99	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
100	New Polysiloxane Surfaces Modified with ortho-, meta- or para-Nitrophenyl Receptors for Copper Adsorption. <i>Journal of Surface Engineered Materials and Advanced Technology</i> , 2014, 04, 21-28.	0.2	6
101	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
102	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
103	Crystal structure of 3-(pyrazin-2-ylamino)-2-benzofuran-1(3H)-one, C ₁₂ H ₉ N ₃ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2014, 229, 385-386.	0.1	0
104	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
105	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
106	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. <i>Research on Chemical Intermediates</i> , 2013, 39, 3791-3802.	1.3	12
107	1-(Pyridin-2-yl) Imine Functionalized Silica Gel: Synthesis, Characterization, and Preliminary Use in Metal Ion Extraction. <i>Separation Science and Technology</i> , 2013, 48, 1349-1355.	1.3	11
108	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

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109	New Amine-Modified Silicas: Synthesis, Characterization and Its Use in the Cu(II)-Removal from Aqueous Solutions. <i>Progress in Nanotechnology and Nanomaterials</i> , 2013, 2, 108-116.	1.3	11
110	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
111	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
112	Synthesis, Antibacterial and Antifungal Activities of Novel N,N'-bipyrazole Piperazine Derivatives. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 853-857.	0.4	8
113	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
114	Polysiloxane surface modified with bipyrazolic tripodal receptor for quantitative lead adsorption. <i>Journal of Hazardous Materials</i> , 2011, 185, 494-501.	6.5	28
115	New polysiloxane-chemically immobilized C,C'-bipyrazolic receptor for heavy metals adsorption. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1393-1399.	1.3	9
116	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
117	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
118	Synthesis and characterization of novel porous SiO ₂ material functionalized with C,C'-pyridylpyrazole receptor. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3345-3349.	1.3	6
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