

Smaail Radi

List of Publications by Year in descending order

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168
papers

3,540
citations

172207

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182168

51
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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 ⁴ -(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 ⁴ -(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 1,2-Ketoenol Furan. <i>Journal of Chemical & 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 ⁴ -(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 |

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|----|--|-----|-----------|
| 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 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 |
| 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-trimethyl-1H-1,3-bispyrazole 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 ^{II} , Pb ^{II} , Cd ^{II} and Cu ^{II} traces from aqueous solutions. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1821-1831. | 3.0 | 35 |
| 27 | Synthesis, crystal structure, DFT, α -glucosidase and α -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 |

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|----|---|-----|-----------|
| 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 ⁺ , Na ⁺ and Li ⁺ . <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 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 |
| 50 | 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 |
| 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 |

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|----|---|-----|-----------|
| 55 | New hybrid material based on a silica-immobilised conjugated β -ketoenol-bipyridine receptor and its excellent Cu(II) adsorption capacity. <i>Analytical Methods</i> , 2016, 8, 6923-6931. | 1.3 | 19 |
| 56 | 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 |
| 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 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 |
| 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 ₂ 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 |

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|----|---|-----|-----------|
| 73 | Synthesis and Biological Activity of New 1,2,3-Triazole Acyclonucleosides Analogues of ACV. <i>Journal of Chemical Research</i> , 2002, 2002, 264-266. | 0.6 | 13 |
| 74 | 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 |
| 75 | Removal of toxic heavy metals from river water samples using a porous silica surface modified with a new Î ² -ketoenolic host. <i>Beilstein Journal of Nanotechnology</i> , 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 ² -keto-enol derivative. <i>Journal of Molecular Structure</i> , 2022, 1247, 131308. | 1.8 | 13 |
| 77 | Synthesis, crystal structure, spectroscopic characterization, Î±-glucosidase inhibition and computational studies of (E)-5-methyl-N ² -(pyridin-2-ylmethylene)-1H-pyrazole-3-carbohydrazide. <i>Journal of Molecular Structure</i> , 2022, 1248, 131506. | 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. <i>Research on Chemical Intermediates</i> , 2013, 39, 3791-3802. | 1.3 | 12 |
| 79 | Synthesis, Biochemical Characterization, and Theoretical Studies of Novel Î ² -Keto-enol Pyridine and Furan Derivatives as Potent Antifungal Agents. <i>ACS Omega</i> , 2020, 5, 17743-17752. | 1.6 | 12 |
| 80 | Crystal structure of N ² -diphenylmethylidene-5-methyl-1H-pyrazole-3-carbohydrazide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 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. <i>Separation Science and Technology</i> , 2013, 48, 1349-1355. | 1.3 | 11 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | Synthesis, Î±-Glucosidase Inhibition, Anticancer, DFT and Molecular Docking Investigations of Pyrazole Hydrazone Derivatives. <i>Polycyclic Aromatic Compounds</i> , 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. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 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. <i>Arkivoc</i> , 2006, 2006, 138-144. | 0.3 | 10 |
| 88 | Coordination complexes constructed from pyrazole-acetamide and pyrazole-quinoxaline: effect of hydrogen bonding on the self-assembly process and antibacterial activity. <i>RSC Advances</i> , 2022, 12, 5324-5339. | 1.7 | 10 |
| 89 | Corrosion inhibition of steel in hydrochloric acid solution by new bipyrazole derivatives. <i>Pigment and Resin Technology</i> , 2005, 34, 197-202. | 0.5 | 9 |
| 90 | New polysiloxane-chemically immobilized C ₆₀ -bipyrazolic receptor for heavy metals adsorption. <i>Journal of Applied Polymer Science</i> , 2011, 121, 1393-1399. | 1.3 | 9 |

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|-----|--|-----|-----------|
| 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^{II} 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 ₂ (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 |

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|-----|--|-----|-----------|
| 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 ₂ material functionalized with C ₆₀ -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 ₁₇ H ₁₃ N ₅ O ₃ . 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 ₉ H ₁₂ N ₂ O ₂ . 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 α -Glucosidase and α -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 ₁₉ H ₁₉ N ₅ 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, $\text{C}_{15}\text{H}_{16}\text{N}_2\text{O}_2$. <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, $\text{C}_{16}\text{H}_{18}\text{N}_2\text{O}_3$. <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, $\text{C}_{15}\text{H}_{16}\text{N}_2\text{O}_3$. <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, $\text{C}_{15}\text{H}_{13}\text{NO}_3$. <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, $\text{C}_{14}\text{H}_{14}\text{N}_2\text{O}_2$. <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 ₁₄ H ₁₈ N ₄ O ₂ . 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 ₁₂ H ₉ N ₃ O ₂ . 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 ² -[(1E)-4-Bromobenzylidene]-5-phenyl-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, . | 0.1 | 0 |
| 168 | 5-Methyl-N ² -[(Z)-4-methylbenzylidene]-1H-pyrazole-3-carbohydrazide. IUCrData, 2016, 1, . | 0.1 | 0 |