

Muhammad S Khan

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | The Energy Gap Law for Triplet States in Pt-Containing Conjugated Polymers and Monomers. <i>Journal of the American Chemical Society</i> , 2001, 123, 9412-9417. | 13.7 | 474 |
| 2 | Spin-dependent exciton formation in π -conjugated compounds. <i>Nature</i> , 2001, 413, 828-831. | 27.8 | 472 |
| 3 | Large magnetoresistance in nonmagnetic π -conjugated semiconductor thin film devices. <i>Physical Review B</i> , 2005, 72, . | 3.2 | 350 |
| 4 | Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum polyynes. <i>Journal of Chemical Physics</i> , 1999, 110, 4963-4970. | 3.0 | 246 |
| 5 | Synthesis, Electrochemistry, and Spectroscopy of Blue Platinum(II) Polyynes and Diynes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3036-3039. | 13.8 | 181 |
| 6 | Spatial extent of the singlet and triplet excitons in transition metal-containing polyynes. <i>Journal of Chemical Physics</i> , 1996, 105, 3868-3877. | 3.0 | 177 |
| 7 | Triplet states in a series of Pt-containing ethynylenes. <i>Journal of Chemical Physics</i> , 2000, 113, 7627-7634. | 3.0 | 164 |
| 8 | Di-, tri-, pseudo-di- and pseudo-tetra-acetylenic polymers of platinum: Synthesis, characterization and optical spectra. <i>Journal of Organometallic Chemistry</i> , 1992, 425, 165-176. | 1.8 | 161 |
| 9 | The singlet-triplet energy gap in organic and Pt-containing phenylene ethynylene polymers and monomers. <i>Journal of Chemical Physics</i> , 2002, 116, 9457-9463. | 3.0 | 159 |
| 10 | Next generation NIR fluorophores for tumor imaging and fluorescence-guided surgery: A review. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2017-2034. | 3.0 | 159 |
| 11 | Rise of Conjugated Polyynes and Poly(Metalla-yne)s: From Design Through Synthesis to Structure-Property Relationships and Applications. <i>Chemical Reviews</i> , 2018, 118, 8474-8597. | 47.7 | 138 |
| 12 | Synthesis of monomeric and oligomeric bis(acetylide) complexes of platinum and rhodium. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 187. | 2.0 | 131 |
| 13 | Optical spectroscopy of platinum and palladium containing polyynes. <i>Journal of Chemical Physics</i> , 1994, 101, 2693-2698. | 3.0 | 122 |
| 14 | Cyclometallated tridentate platinum(Pt^{II}) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019, 48, 5547-5563. | 38.1 | 111 |
| 15 | Synthesis and optical spectroscopy of linear long-chain di-terminal alkynes and their Pt^{II} -acetylide polymeric complexes. <i>Journal of Materials Chemistry</i> , 1994, 4, 1227-1232. | 6.7 | 110 |
| 16 | Synthesis of monomeric, oligomeric and polymeric π -acetylide complexes of platinum, palladium, nickel and rhodium. <i>Journal of Organometallic Chemistry</i> , 1992, 424, 87-97. | 1.8 | 102 |
| 17 | Enhanced photocurrent response in photocells made with platinum-poly-yne/C60 blends by photoinduced electron transfer. <i>Synthetic Metals</i> , 1996, 77, 147-150. | 3.9 | 101 |
| 18 | Synthesis, characterisation and optical spectroscopy of platinum(ii) di-yne and poly-yne incorporating condensed aromatic spacers in the backbone. <i>Dalton Transactions</i> , 2004, , 2377-2385. | 3.3 | 101 |

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| 19 | Rigid rod π -acetylide complexes of iron, ruthenium and osmium. <i>Journal of Organometallic Chemistry</i> , 1993, 462, 265-270. | 1.8 | 100 |
| 20 | Synthesis, characterisation and optical spectroscopy of diynes and poly-ynes containing derivatised fluorenes in the backbone. <i>Dalton Transactions</i> , 2003, , 74-84. | 3.3 | 100 |
| 21 | Ruthenium(II) π -acetylide complexes; monomers, dimers and polymers. <i>Journal of Organometallic Chemistry</i> , 1994, 482, 139-145. | 1.8 | 83 |
| 22 | Structural characterisation of a series of acetylide-functionalised oligopyridines and the synthesis, characterisation and optical spectroscopy of platinum di-ynes and poly-ynes containing oligopyridyl linker groups in the backbone. <i>Dalton Transactions RSC</i> , 2002, , 1358-1368. | 2.3 | 78 |
| 23 | Synthesis and optical spectroscopy of platinum-metal-containing di- and tri-acetylenic polymers. <i>Journal of Materials Chemistry</i> , 1991, 1, 485. | 6.7 | 76 |
| 24 | Synthesis and characterisation of monomeric, dimeric and polymeric ferrocenylacetylides. Crystal structure of 1,1'-bis(phenylethynyl)ferrocene. <i>Journal of Organometallic Chemistry</i> , 1994, 470, 153-159. | 1.8 | 75 |
| 25 | The photovoltaic effect in a platinum poly-yne. <i>Synthetic Metals</i> , 1994, 67, 245-249. | 3.9 | 71 |
| 26 | Synthesis and electronic structure of rigid rod octahedral Ru- π -acetylide complexes. <i>Journal of Organometallic Chemistry</i> , 1994, 472, 247-255. | 1.8 | 69 |
| 27 | Phenothiazine-based derivatives for optoelectronic applications: A review. <i>Synthetic Metals</i> , 2019, 257, 116189. | 3.9 | 69 |
| 28 | Synthesis of novel rigid rod iron metal containing polyyne polymers. <i>Journal of Organometallic Chemistry</i> , 1991, 409, C12-C14. | 1.8 | 66 |
| 29 | Vibrational Spectroscopic Investigation of Rigid-Rod Platinum π -Acetylide Polymers Containing Variable Acetylenic Microstructures. <i>Organometallics</i> , 1996, 15, 2331-2337. | 2.3 | 66 |
| 30 | High efficiency small molecule-based donor materials for organic solar cells. <i>Organic Electronics</i> , 2018, 58, 53-62. | 2.6 | 65 |
| 31 | Triplet energy transfer in conjugated polymers. I. Experimental investigation of a weakly disordered compound. <i>Physical Review B</i> , 2008, 78, . | 3.2 | 62 |
| 32 | Synthesis and characterisation of mono-acetylide and unsymmetrical bis-acetylide complexes of ruthenium and osmium: X-ray structure determinations on [(dppe) ₂ Ru(Cl)(C \equiv C ⁻ C ₆ H ₄ -p-NO ₂)], [(dppe) ₂ Ru(Cl)(C \equiv C ⁻ C ₆ H ₃ -o-CH ₃ -p-NO ₂)] and [(dppm) ₂ Os(C \equiv C ⁻ C ₆ H ₄ -p-CH ₃)(C \equiv C ⁻ C ₆ H ₄ -p-NO ₂)]. <i>Journal of Organometallic Chemistry</i> , 1999, 578, 198-209. | 1.8 | 58 |
| 33 | Metal-metal and ligand-ligand interactions in gold poly-yne systems. <i>CrystEngComm</i> , 2002, 4, 405-412. | 2.6 | 56 |
| 34 | Towards white light emission from a hybrid thin film of a self-assembled ternary samarium(λ) complex. <i>New Journal of Chemistry</i> , 2020, 44, 5673-5683. | 2.8 | 54 |
| 35 | Synthesis and characterisation of new acetylide-functionalised aromatic and hetero-aromatic ligands and their dinuclear platinum complexes. <i>Dalton Transactions</i> , 2003, , 65-73. | 3.3 | 51 |
| 36 | Luminescent digold ethynyl thienothiophene and dithienothiophene complexes; their synthesis and structural characterisation. <i>Dalton Transactions</i> , 2005, , 874. | 3.3 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | A tris β^2 -diketonate europium(III) complex based OLED fabricated by thermal evaporation method displaying efficient bright red emission. <i>Organic Electronics</i> , 2021, 96, 106216. | 2.6 | 51 |
| 38 | Synthesis, characterisation and electronic properties of a series of platinum(II) polyynes containing novel thienyl-pyridine linker groups. <i>Dalton Transactions RSC</i> , 2002, , 2441-2448. | 2.3 | 50 |
| 39 | Synthesis, structure, Hirshfeld surface analysis and photophysical studies of red emitting europium acetylacetonate complex incorporating a phenanthroline derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 268-281. | 3.9 | 50 |
| 40 | Donor-acceptor-based vinylidene and β^2 -acetylide complexes of ruthenium and osmium. <i>Journal of Organometallic Chemistry</i> , 1995, 488, 205-210. | 1.8 | 49 |
| 41 | Synthesis and optical characterisation of platinum(II) polyyne polymers incorporating substituted 1,4-diethynylbenzene derivatives and an investigation of the intermolecular interactions in the diethynylbenzene molecular precursors. Electronic supplementary information (ESI) available: atomic coordinates for 6 and 7. See http://www.rsc.org/suppdata/nj/b2/b206946f/ . <i>New Journal of Chemistry</i> , 2003, 27, 140-149. | 2.8 | 49 |
| 42 | Recent advances in the application of group-10 transition metal based catalysts in C-H activation and functionalization. <i>Journal of Organometallic Chemistry</i> , 2015, 793, 114-133. | 1.8 | 48 |
| 43 | Synthesis of cross linked platinum metal containing polyyne polymers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1992, 616, 121-124. | 1.2 | 45 |
| 44 | Preparation and characterisation of some dimeric β^2 -diyne complexes of cobalt. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3171-3178. | 1.1 | 42 |
| 45 | Synthesis of linked metal acetylide complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 1991, 401, C43-C45. | 1.8 | 41 |
| 46 | Synthesis, characterization, and pharmacological studies of ferrocene-1H-1,2,3-triazole hybrids. <i>Journal of Molecular Structure</i> , 2017, 1146, 536-545. | 3.6 | 41 |
| 47 | Structure and electronic structure of transition metal-containing polyynes. <i>Synthetic Metals</i> , 1991, 41, 871-874. | 3.9 | 38 |
| 48 | A new brilliant red emitting Eu(III) ternary complex and its transparent flexible and photostable poly(urethane) hybrid thin film for optoelectronic applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 383, 111968. | 3.9 | 38 |
| 49 | Utilization of Ternary Europium Complex for Organic Electroluminescent Devices and as a Sensitizer to Improve Electroluminescence of Red-Emitting Iridium Complex. <i>Inorganic Chemistry</i> , 2019, 58, 8316-8331. | 4.0 | 38 |
| 50 | Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes. <i>Journal of Organometallic Chemistry</i> , 1994, 484, 161-167. | 1.8 | 35 |
| 51 | A single component white electroluminescent device fabricated from a metallo-organic terbium complex. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13966-13975. | 5.5 | 35 |
| 52 | Synthesis and photo-physics of red emitting europium complexes: An estimation of the role of ancillary ligand by chemical partition of radiative decay rate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 370, 135-144. | 3.9 | 34 |
| 53 | Synthesis and Comparison of the Optical Properties of Platinum(II) Polyynes with Fused and Non-Fused Oligothiophenes. <i>Macromolecules</i> , 2009, 42, 1131-1141. | 4.8 | 31 |
| 54 | Vanadium complexes of planar pentadentate macrocyclic ligands. <i>Inorganica Chimica Acta</i> , 1991, 185, 93-96. | 2.4 | 30 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Monochromatic red electroluminescence from a homodinuclear europium (<sc>iii</sc>) complex of a β^2 -diketone tethered by 2,2'-bipyrimidine. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9816-9827. | 5.5 | 29 |
| 56 | Next Generation Antineoplastic Agents: A Review on Structurally Modified Vinblastine (VBL) Analogues. <i>Current Medicinal Chemistry</i> , 2018, 25, 1650-1662. | 2.4 | 29 |
| 57 | Iron complexes of derivatised pentadentate macrocyclic ligands; the crystal and molecular structure of dichloro(6,13-(bis-2-hydroxyethyl)-6H, 13H-tripyrido[cd,fg,lm] [1,2,4,7,9,10,13] heptaaza-pent) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.4 | 20 |
| 58 | Bright and efficient red emitting electroluminescent devices fabricated from ternary europium complexes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5600-5612. | 5.5 | 28 |
| 59 | Materials chemistry communications. Synthesis and optical spectroscopy of monomeric and polymeric cobalt II-acetylide complexes. <i>Journal of Materials Chemistry</i> , 1992, 2, 759-760. | 6.7 | 27 |
| 60 | Optical excitations in transition metal containing polyynes. <i>Synthetic Metals</i> , 1993, 55, 56-61. | 3.9 | 27 |
| 61 | Coordination chemistry and application of mono- and oligopyridine-based macrocycles. <i>Coordination Chemistry Reviews</i> , 2017, 350, 320-339. | 18.8 | 27 |
| 62 | Recent progress in coordination chemistry, photo-physical properties, and applications of pyridine-based Cu(I) complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3045-3076. | 2.2 | 26 |
| 63 | Synthesis and characterization of platinum(ii) di-ynes and poly-ynes incorporating ethylenedioxythiophene (EDOT) spacers in the backbone. <i>Dalton Transactions</i> , 2011, 40, 10174. | 3.3 | 25 |
| 64 | Interaction studies of cholinium-based ionic liquids with calf thymus DNA: Spectrophotometric and computational methods. <i>Journal of Molecular Liquids</i> , 2017, 237, 201-207. | 4.9 | 25 |
| 65 | Long-Range Intramolecular Electronic Communication in Bis(ferrocenylethynyl) Complexes Incorporating Conjugated Heterocyclic Spacers: Synthesis, Crystallography, and Electrochemistry. <i>Inorganic Chemistry</i> , 2013, 52, 4898-4908. | 4.0 | 24 |
| 66 | Experimental and Theoretical Investigation for the Level of Conjugation in Carbazole-Based Precursors and Their Mono-, Di-, and Polynuclear Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 6465-6480. | 4.0 | 24 |
| 67 | Electronic structure of platinum-containing polyynes. <i>Synthetic Metals</i> , 1993, 57, 4525-4530. | 3.9 | 23 |
| 68 | Salts of Lanthanide(III) Hexafluoroacetylacetonates [Ln = Sm(III), Eu(III) and Tb(III)] with Dipyridylammonium cations: Synthesis, characterization, photophysical properties and OLED fabrication. <i>Dyes and Pigments</i> , 2022, 203, 110300. | 3.7 | 23 |
| 69 | The role of C-H and C-C stretching modes in the intrinsic non-radiative decay of triplet states in a Pt-containing conjugated phenylene ethynylene. <i>Journal of Chemical Physics</i> , 2012, 136, 094905. | 3.0 | 22 |
| 70 | Recent Advances in π -Conjugated N ⁻ C-Chelate Organoboron Materials. <i>Molecules</i> , 2020, 25, 2645. | 3.8 | 22 |
| 71 | Synthesis and photophysical properties of ternary β^2 -diketonate europium(III) complexes incorporating bipyridine and its derivatives. <i>Dyes and Pigments</i> , 2022, 197, 109879. | 3.7 | 21 |
| 72 | Silver(I)-silver(I) interactions in complexes of pentadentate macrocyclic ligands; crystal and molecular structure of [Ag ₂ L ₂][BF ₄] ₂ (Li ⁺ →1,11-bis(2-hydroxyethyl)-4,8;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.62 Td (12,16;17,21-t 1991, 179, 239-244. | 2.4 | 20 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Synthesis and characterisation of a bulky chelating bis(phosphine) ligand, 1,2-bis(dinbutylphosphino)ethane (DBPE), and its iron metal coordinated complexes, Fe(DBPE) ₂ Cl ₂ and Fe(DBPE) ₂ (η^5 -C ₆ H ₅) ₂ . Journal of Organometallic Chemistry, 1992, 433, 135-139. | 1.8 | 20 |
| 74 | Conjugated poly-ynes and poly(metalla-ynes) incorporating thiophene-based spacers for solar cell (SC) applications. Journal of Organometallic Chemistry, 2016, 812, 13-33. | 1.8 | 20 |
| 75 | Polarization of singlet and triplet excited states in a platinum-containing conjugated polymer. Physical Review B, 2003, 67, . | 3.2 | 19 |
| 76 | Impact of the Alkyne Substitution Pattern and Metalation on the Photoisomerization of Azobenzene-Based Platinum(II) Diynes and Polyynes. Inorganic Chemistry, 2016, 55, 10955-10967. | 4.0 | 19 |
| 77 | Donor-acceptor interactions in organometallic and organic poly-ynes. Synthetic Metals, 1999, 101, 246-247. | 3.9 | 18 |
| 78 | Dicopper(I) Complexes Incorporating Acetylide-Functionalized Pyridinyl-Based Ligands: Synthesis, Structural, and Photovoltaic Studies. Inorganic Chemistry, 2018, 57, 12113-12124. | 4.0 | 18 |
| 79 | 1,4-Disubstituted 1H-1,2,3-Triazoles for Renal Diseases: Studies of Viability, Anti-Inflammatory, and Antioxidant Activities. International Journal of Molecular Sciences, 2020, 21, 3823. | 4.1 | 18 |
| 80 | Solid state multinuclear NMR study of η^1 -acetylide complexes of platinum, trans-[ClPt(PnBu ₃) ₂ (η^1 -C ₆ H ₄)(η^1 -Pt(PnBu ₃) ₂ Cl)] and trans-[η^1 -Pt(PnBu ₃) ₂ (η^1 -C ₆ H ₄)(η^1 -Pt(PnBu ₃) ₂ Cl)]. Magnetic Resonance, 1992, 1, 13-16. | 3.3 | 17 |
| 81 | Functional Materials Based on Cyclometalated Platinum(II) η^2 -Diketonate Complexes: A Review of Structure-Property Relationships and Applications. Materials, 2021, 14, 4236. | 2.9 | 17 |
| 82 | Utilization of a Pt(η^2 -di-yne chromophore incorporating a 2,2'-bipyridine-5,5'-diyl spacer as a chelate to synthesize a green and red emitting η^2 -heterotrinnuclear complex. Dalton Transactions, 2021, 50, 1465-1477. | 3.3 | 16 |
| 83 | Spectroscopic study of spin-dependent exciton formation rates in η^2 -conjugated semiconductors: Comparison with electroluminescence techniques. Physical Review B, 2004, 70, . | 3.2 | 15 |
| 84 | Polymer light-emitting diodes with spin-polarised charge injection. Synthetic Metals, 2004, 147, 155-158. | 3.9 | 14 |
| 85 | The effect of delocalization on the exchange energy in meta- and para-linked Pt-containing carbazole polymers and monomers. Journal of Chemical Physics, 2006, 124, 244701. | 3.0 | 14 |
| 86 | Synthesis and photophysical properties of hetero trinuclear complexes of tris η^2 -diketonate Europium with organoplatinum chromophore. Dyes and Pigments, 2019, 162, 59-66. | 3.7 | 14 |
| 87 | η^1 -Acetylide complexes for biomedical applications: Features, challenges and future directions. Journal of Organometallic Chemistry, 2019, 897, 95-106. | 1.8 | 13 |
| 88 | New Multi-Ferrocenyl- and Multi-Ferricenyl- Materials via Coordination-Driven Self-Assembly and via Charge-Driven Electro-Crystallization. Inorganic Chemistry, 2013, 52, 12012-12022. | 4.0 | 11 |
| 89 | Recent Progress in Indacenodithiophene-Based Acceptor Materials for Non-Fullerene Organic Solar Cells. Topics in Current Chemistry, 2022, 380, 18. | 5.8 | 11 |
| 90 | Investigation of binding tendency of Eu(III) and La(III)-Schiff base complexes to selected oxy-anions and amino acids. Inorganica Chimica Acta, 2020, 501, 119226. | 2.4 | 10 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | New di-ferrocenyl-ethynylpyridinyl triphenylphosphine copper halide complexes and related di-ferrocenyl electro-crystallized materials. Dalton Transactions, 2014, 43, 9497-9507. | 3.3 | 9 |
| 92 | Two Is Better than One? Investigating the Effect of Incorporating Re(CO)3Cl Side Chains into Pt(II) Dienes and Polyynes. Inorganic Chemistry, 2021, 60, 745-759. | 4.0 | 8 |
| 93 | Reactions of [Os3(CO)10(MeCN)2] with ethynyl thiophenes: The formation of linked clusters. Inorganica Chimica Acta, 2008, 361, 3117-3124. | 2.4 | 7 |
| 94 | The crystal and molecular structure of a diprotonated planar pentadentate macrocyclic ligand obtained from the transient template condensation of 2,9-bis(1±-methylhydrazino)-1,10-phenanthroline with 2,6-pyridinedialdehyde. Inorganica Chimica Acta, 1991, 187, 1-4. | 2.4 | 6 |
| 95 | trans-Bis(carbazol-3-ylethynyl)bis(tri-n-butylphosphine)platinum(II). Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m774-m776. | 0.2 | 5 |
| 96 | Electronic and steric effects of platinum(II) di-yne and poly-yne substituents on the photo-switching behaviour of stilbene: experimental and theoretical insights. Dalton Transactions, 2021, 50, 2555-2569. | 3.3 | 5 |
| 97 | Synthesis, characterization and photocell studies of a Pt(II) poly-yne covalently attached to a fullerene. Journal of Organometallic Chemistry, 2017, 842, 32-38. | 1.8 | 5 |
| 98 | Synthesis, structural, photo-physical properties and DFT studies of some diarylheptanoids. Journal of Molecular Structure, 2022, 1264, 133254. | 3.6 | 5 |
| 99 | 4,7-Bis(trimethylsilylethynyl)-2,1,3-benzothiadiazole. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1202-o1203. | 0.2 | 4 |
| 100 | Synthesis and Characterization of a Thienopyrazine-based Low Band-gap Poly(arylene ethynylene) and Photocell Studies of the Poly-yne/Perylene Dye Blend with Broad Photocurrent Spectrum. Current Organic Chemistry, 2017, 21, . | 1.6 | 4 |
| 101 | 2,5-Bis(trimethylsilylethynyl)thieno[3,2-b]thiophene. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1202-o1203. | 0.2 | 3 |
| 102 | Synthesis, optical spectroscopy, structural, and DFT studies on dimeric iodo-bridged Copper(I) complexes. Journal of Organometallic Chemistry, 2019, 892, 75-82. | 1.8 | 3 |
| 103 | Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-poly-ynes. New Journal of Chemistry, 2021, 45, 15082-15095. | 2.8 | 3 |
| 104 | 3-(Trimethylsilylethynyl)carbazole. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1342-o1344. | 0.2 | 2 |
| 105 | trans-1,4-(2,5-Dioctyl-1,4-phenylene)diethynyl-bis[phenylbis(triethylphosphine)platinum(II)]. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, m833-m835. | 0.2 | 2 |
| 106 | 5,8-Bis(trimethylsilylethynyl)-2,2'-bipyridine. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o915-o916. | 0.2 | 2 |
| 107 | trans-1,4-(5,8-Diethynyl-2,2'-bipyridine)bis[phenylbis(triethylphosphine)platinum(II)]. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m735-m737. | 0.2 | 2 |
| 108 | 5,8-Bis(trimethylsilylethynyl)quinoline. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1220-o1221. | 0.2 | 1 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Heterometal Grafted Metalla-ynes and Poly(metalla-ynes): A Review on Structureâ€“Property Relationships and Applications. <i>Polymers</i> , 2021, 13, 3654. | 4.5 | 1 |
| 110 | Ferrocenylethynyl - a versatile platform for new molecules to novel materials. <i>MaÇŞallatî ÇŞÄmiÊzatî Al-Sulá1Än QÄbÄs Li-l-buá,¥Ä«á1- Al-Êzilmiyyatî Al-ÊzulÄ«m Wa-al-handasatî</i> , 2017, 19, 15. | 0.1 | 1 |
| 111 | 5,8-Diethynyl-2,3-diphenylquinoxaline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o1258-o1260. | 0.2 | 0 |
| 112 | 2,6-Bis(trimethylsilylethynyl)dithieno[3,2-b:2â€²,3â€²-d]thiophene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1226-o1228. | 0.2 | 0 |
| 113 | Synthesis and structural characterization of hexa-1¼ ₂-chlorido-1¼ ₄-oxido-tetrakis{[4-(phenylethynyl)pyridine-î€²<i>N</i>]copper(II)} dichloromethane monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 42-46. | 0.5 | 0 |
| 114 | Derivatized Pentadentate Macrocyclic Ligands and Their Transition Metal Complexes. <i>MaÇŞallatî ÇŞÄmiÊzatî Al-Sulá1Än QÄbÄs Li-l-buá,¥Ä«á1- Al-Êzilmiyyatî Al-ÊzulÄ«m Wa-al-handasatî</i> , 2017, 7, 241. | 0.1 | 0 |
| 115 | Dioxygen Binding by Cobalt(II) Complexes of 8,8'-bis(aminomethyl)-2,2'-biquinoline. <i>MaÇŞallatî ÇŞÄmiÊzatî Al-Sulá1Än QÄbÄs Li-l-buá,¥Ä«á1- Al-Êzilmiyyatî Al-ÊzulÄ«m Wa-al-handasatî</i> , 2017, 19, 21. | 0.1 | 0 |
| 116 | Synthesis and Characterization of Some Macrocyclic Complexes Incorporating Indole and 2,2'-Bipyridine or 1,10-Phenanthroline. <i>MaÇŞallatî ÇŞÄmiÊzatî Al-Sulá1Än QÄbÄs Li-l-buá,¥Ä«á1- Al-Êzilmiyyatî Al-ÊzulÄ«m Wa-al-handasatî</i> , 2017, 20, 20. | | 0 |
| 117 | Tuning the Band-gap of Pt(II) Di-ynes and Poly-ynes by Incorporating Cl(CO)3Re(I) side-chain. <i>International Journal of Computational Physics Series</i> , 2018, 1, 45. | 0.3 | 0 |
| 118 | Conjugated Poly(metalla-ynes). , 2022, , . | | 0 |
| 119 | Synthesis of Mixed Arylalkyl Tertiary Phosphines via the Grignard Approach. <i>Molecules</i> , 2022, 27, 4253. | 3.8 | 0 |