

Peter T Ndifon

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Molecular precursor route for the phase selective synthesis of $\hat{1}\pm$ -MnS or metastable $\hat{1}^3$ -MnS nanomaterials for magnetic studies and deposition of thin films by AACVD. <i>Materials Science in Semiconductor Processing</i> , 2022, 139, 106330. | 4.0 | 4 |
| 2 | Copper (II) Heterocyclic Thiosemicarbazone Complexes as Single-Source Precursors for the Preparation of Cu ₉ S ₅ Nanoparticles: Application in Photocatalytic Degradation of Methylene Blue. <i>Catalysts</i> , 2022, 12, 61. | 3.5 | 5 |
| 3 | Crystal structures and physicochemical studies of some novel divalent and trivalent transition metal chelates of N-morpholine-N'-benzoylthiourea. <i>Journal of Molecular Structure</i> , 2021, 1229, 129791. | 3.6 | 8 |
| 4 | Comparative study on the effect of precursors on the morphology and electronic properties of CdS nanoparticles. <i>Turkish Journal of Chemistry</i> , 2021, 45, 400-409. | 1.2 | 1 |
| 5 | Optical and Photocatalytic Properties of Cu _x S/ZnO Composite Thin Films Deposited by Robotic Spray Pyrolysis Deposition. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-9. | 2.7 | 3 |
| 6 | Synthesis, Characterization, Cyclic Voltammetry, and Biological Studies of Co(II), Ni(II), and Cu(II) Complexes of a Tridentate Schiff Base, 1-((E)-(2-Mercaptophenylimino) Methyl) Naphthalen-2-ol (H2L1). <i>Journal of Chemistry</i> , 2020, 2020, 1-21. | 1.9 | 15 |
| 7 | Synthesis of (Bi _{1-x} Sb _x) ₂ S ₃ solid solutions via thermal decomposition of bismuth and antimony piperidinedithiocarbamates. <i>RSC Advances</i> , 2019, 9, 15836-15844. | 3.6 | 14 |
| 8 | Tailoring Shape and Crystallographic Phase of Copper Sulfide Nanostructures Using Novel Thiourea Complexes as Single Source Precursors. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 917-927. | 3.7 | 7 |
| 9 | Structural and photoluminescent studies of non-centrosymmetric manganese(II) | 0.6 | 1 |
| 10 | Heterocyclic lead(II) thioureato complexes as single-source precursors for the aerosol assisted chemical vapour deposition of PbS thin films. <i>Inorganica Chimica Acta</i> , 2018, 479, 42-48. | 2.4 | 17 |
| 11 | CdS thin films deposition by AACVD: effect of precursor type, decomposition temperature and solvent. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14462-14470. | 2.2 | 14 |
| 12 | Deposition of Bi ₂ S ₃ thin films from heterocyclic bismuth(III) dithiocarbamate complexes. <i>Polyhedron</i> , 2018, 154, 173-181. | 2.2 | 17 |
| 13 | Synthesis, Characterization and Antimicrobial Studies of Co(II), Ni(II), Cu(II) and Zn(II) Complexes of (E)-2-(4-Dimethylbenzylidimino)-Glycylglycine, (Glygly-DAB) a Schiff Base Derived from 4-Dimethylaminobenzaldehyde and Glycylglycine. <i>International Journal of Organic Chemistry</i> , 2018, 08, 298-308. | 0.7 | 7 |
| 14 | Structure Theory and Applications, 2017, 06, 39-56. | 0.1 | 2 |
| 15 | Synthesis and Anti-onchocercal Activity of Isonicotinoylhydrazones and their Copper(II) and Zinc(II) Complexes. <i>Anti-Infective Agents</i> , 2016, 14, 47-52. | 0.4 | 11 |
| 16 | Synthesis, Characterization and Photocatalytic Application of TiO ₂ /SnO ₂ Nanocomposite Obtained Under Non-thermal Plasma Condition at Atmospheric Pressure. <i>Plasma Chemistry and Plasma Processing</i> , 2016, 36, 799-811. | 2.4 | 20 |
| 17 | Heterocyclic Bismuth(III) Dithiocarbamate Complexes as Single-Source Precursors for the Synthesis of Anisotropic Bi ₂ S ₃ Nanoparticles. <i>Chemistry - A European Journal</i> , 2016, 22, 13127-13135. | 3.3 | 27 |
| 18 | Synthesis, Structure, and Antiproliferative Activity of Ruthenium(II) Arene Complexes of Indenoisoquinoline Derivatives. <i>Organometallics</i> , 2016, 35, 2868-2872. | 2.3 | 14 |

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|----|--|-----|-----------|
| 19 | Synthesis, characterization and X-ray crystal structures of two non-molecular coordination polymers of manganese(II) and copper(II) with N-(2-pyridylmethyl)-l-alanine and isothiocyanato ligands. <i>Transition Metal Chemistry</i> , 2016, 41, 889-896. | 1.4 | 2 |
| 20 | Synthesis and biological activity of ferrocenyl indeno[1,2-c]isoquinolines as topoisomerase II inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 651-660. | 3.0 | 24 |
| 21 | Aerosol assisted chemical vapor deposition (AACVD) of CdS thin films from heterocyclic cadmium(II) complexes. <i>Inorganica Chimica Acta</i> , 2015, 434, 181-187. | 2.4 | 26 |
| 22 | Solution Studies on Co(II), Ni(II), Cu(II), and Zn(II) Complexes of Hexamethylenetetramine in Aqueous and Non-Aqueous Solvents. <i>International Journal of Inorganic Chemistry</i> , 2014, 2014, 1-9. | 0.6 | 3 |
| 23 | Low temperature synthesis of PbS and CdS nanoparticles in olive oil. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 191-196. | 4.0 | 21 |
| 24 | The syntheses and structures of Zn(II) heterocyclic piperidine and tetrahydroquinoline dithiocarbamates and their use as single source precursors for ZnS nanoparticles. <i>Polyhedron</i> , 2014, 67, 129-135. | 2.2 | 28 |
| 25 | Plasma-Assisted Synthesis of TiO ₂ Nanorods by Gliding Arc Discharge Processing at Atmospheric Pressure for Photocatalytic Applications. <i>Plasma Chemistry and Plasma Processing</i> , 2013, 33, 725-735. | 2.4 | 41 |
| 26 | Synthesis of multi-podal CdS nanostructures using heterocyclic dithiocarbamate complexes as precursors. <i>Polyhedron</i> , 2013, 56, 62-70. | 2.2 | 28 |
| 27 | Comparison of <i>Jatropha curcas</i> shells in natural form and treated by non-thermal plasma as biosorbents for removal of Reactive Red 120 textile dye from aqueous solution. <i>Industrial Crops and Products</i> , 2013, 46, 328-340. | 5.2 | 147 |
| 28 | Synthesis, crystal structure, and magnetic properties of bis(aqua)[1/4-(terephthalato- μ_2)]copper(II)monohydrate [Cu(C ₈ O ₄)(OH ₂) ₂] \cdot H ₂ O. <i>Journal of Solid State Chemistry</i> , 2013, 201, 133-136. | 2.9 | 5 |
| 29 | Degradation of Dithizone by Non Thermal Quenched Plasma of Gliding Arc Type. <i>Journal of Advanced Oxidation Technologies</i> , 2013, 16, . | 0.5 | 1 |
| 30 | Synthesis, characterization and antibacterial properties of some transition metal complexes of (1H-pyrrol-2-yl)-isonicotinoylhydrazone. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2013, 27, . | 1.1 | 3 |
| 31 | Direct impact and delayed post-discharge chemical reactions of FeII complexes induced by non-thermal plasma. <i>Desalination and Water Treatment</i> , 2012, 37, 38-45. | 1.0 | 8 |
| 32 | Synthesis of anisotropic PbS nanoparticles using heterocyclic dithiocarbamate complexes. <i>Dalton Transactions</i> , 2012, 41, 8297. | 3.3 | 43 |
| 33 | Heterocyclic dithiocarbamates: precursors for shape controlled growth of CdS nanoparticles. <i>New Journal of Chemistry</i> , 2011, 35, 1133. | 2.8 | 52 |
| 34 | Synthesis, characterisation and crystal structure of a cobalt(II)-hexamethylenetetramine coordination polymer. <i>Transition Metal Chemistry</i> , 2009, 34, 745-750. | 1.4 | 30 |
| 35 | The reaction of cobalt powder with tetraiodo {1,2-bis(dibenzylphosphino)ethane} to form 1,2-bis(dibenzylphosphino)ethane cobalt diiodide, Co(dBzP ₂)I ₂ ; and the X-ray crystal structure of the diphosphinodioxide complex, Co{dBzP ₂ (O) ₂ }I ₂ . <i>Inorganica Chimica Acta</i> , 1998, 282, 25-29. | 2.4 | 4 |
| 36 | Synthesis and characterisation of manganese(III) unsymmetrical Schiff-base complexes: a unique example of a cocrystallised manganese(III) unsymmetrical Schiff-base complex, and a symmetric Schiff-base complex arising from rearrangement of the former. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1605. | 1.1 | 39 |

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|----|--|-----|-----------|
| 37 | Controlled reaction of molecular oxygen with [MnI ₂ (PPh ₂ Me) ₂] to form the mixed phosphine-phosphine oxide complex [MnI ₂ (OPPh ₂ Me)(PPh ₂ Me)] and the Bis(phosphine oxide) complex [MnI ₂ (OPPh ₂ Me) ₂]. Journal of the Chemical Society Dalton Transactions, 1993, , 3373-3377. | 1.1 | 11 |
| 38 | Crystal structures of trinuclear [{MnI ₂ (PPhMe ₂) _{1.33} } ₃] and tetranuclear [Mn ₄ (μ ₄ -O)I ₆ (PPhMe ₂) ₄] formed by O-O bond cleavage by the former. Journal of the Chemical Society Dalton Transactions, 1992, , 1301-1304. | 1.1 | 9 |
| 39 | Cyclic voltammetric studies on some manganese(II) tertiary arylphosphine complexes. Journal of the Chemical Society Dalton Transactions, 1992, , 1297. | 1.1 | 1 |
| 40 | The synthesis of Mn(bR ₃ Pc) _n X ₂ (bR ₃ Pc=tetramethyl-2-butenediylidenebis() Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Td (triorganopho Mn(phosphine) _n X ₂ (X=I, NCS) with dma (dma=dimethylacetylenedicarboxylate) or the reaction of MnX ₂ with bR ₃ Pc. Inorganica Chimica Acta, 1992, 192, 227-232. | 2.4 | 12 |
| 41 | The preparation of new manganese(II) isocyanide complexes, MnI ₂ (CNBut) _n (n=1, 1.5, 2) and the mixed isocyanide/tertiary-phosphine complex MnI ₂ (PPh ₃)(CNBut) ₂ . The isolation and X-ray crystallographic characterisation of the MnI/MnII mixed-valence isomeric complexes [Mn(CNBut) ₆][MnI ₃ (PPh ₃)] and [Mn(CNBut) ₅ (PPh ₃)] [MnI ₃ (CNBut)]. Inorganica Chimica Acta, 1992, 198-200, 23-30. | 2.4 | 6 |
| 42 | Electrochemical and X-ray crystallographic studies on three macrocyclic dicopper(I) complexes. Journal of the Chemical Society Dalton Transactions, 1991, , 1973. | 1.1 | 7 |
| 43 | The X-ray crystal structure of μ ₄ -Oxo-hexa-μ-iodotetrakis[tripropylphosphinemanganese(II)], a manganese(II) cluster derived from the interaction of di-iodotripropylphosphinemanganese(II) with dioxygen. Journal of the Chemical Society Chemical Communications, 1990, , 309-310. | 2.0 | 18 |