

Peter T Ndifon

List of Publications by Year in descending order

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756
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#	ARTICLE	IF	CITATIONS
1	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
2	Heterocyclic dithiocarbamates: precursors for shape controlled growth of CdS nanoparticles. <i>New Journal of Chemistry</i> , 2011, 35, 1133.	2.8	52
3	Synthesis of anisotropic PbS nanoparticles using heterocyclic dithiocarbamate complexes. <i>Dalton Transactions</i> , 2012, 41, 8297.	3.3	43
4	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
5	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
6	Synthesis, characterisation and crystal structure of a cobalt(II)-hexamethylenetetramine coordination polymer. <i>Transition Metal Chemistry</i> , 2009, 34, 745-750.	1.4	30
7	Synthesis of multi-podal CdS nanostructures using heterocyclic dithiocarbamate complexes as precursors. <i>Polyhedron</i> , 2013, 56, 62-70.	2.2	28
8	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
9	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
10	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
11	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
12	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
13	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
14	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. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 309-310.	2.0	18
15	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
16	Deposition of Bi ₂ S ₃ thin films from heterocyclic bismuth(III) dithiocarbamate complexes. <i>Polyhedron</i> , 2018, 154, 173-181.	2.2	17
17	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 (H ₂ L1). <i>Journal of Chemistry</i> , 2020, 2020, 1-21.	1.9	15
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	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
20	Synthesis of $(\text{Bi}_{1-x}\text{Sb}_x)_2\text{S}_3$ solid solutions via thermal decomposition of bismuth and antimony piperidinedithiocarbamates. <i>RSC Advances</i> , 2019, 9, 15836-15844.	3.6	14
21	The synthesis of $\text{Mn}(\text{bR3Pc})_n\text{X}_2$ (bR3Pc =tetramethyl-2-butenediylidenebis(Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 672 Td (tri	2.4	12
22	$\text{Mn}(\text{phosphine})_n\text{X}_2$ ($\text{X}=\text{I}, \text{NCS}$) with dma ($\text{dma}=\text{dimethylacetylenedicarboxylate}$) or the reaction of MnX_2 with bR3Pc . <i>Inorganica Chimica Acta</i> , 1992, 192, 227-232.	1.1	11
23	Controlled reaction of molecular oxygen with $[\text{MnI}_2(\text{PPh}_2\text{Me})_2]$ to form the mixed phosphine-phosphine oxide complex $[\text{MnI}_2(\text{OPPh}_2\text{Me})(\text{PPh}_2\text{Me})]$ and the Bis(phosphine oxide) complex $[\text{MnI}_2(\text{OPPh}_2\text{Me})_2]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3373-3377.	0.4	11
24	Synthesis and Anti-onchocercal Activity of Isonicotinoylhydrazones and their Copper(II) and Zinc(II) Complexes. <i>Anti-Infective Agents</i> , 2016, 14, 47-52.	1.1	9
25	Crystal structures of trinuclear $[\{\text{MnI}_2(\text{PPhMe}_2)1.33\}_3]$ and tetranuclear $[\text{Mn}_4(\mu_4\text{-O})\text{I}_6(\text{PPhMe}_2)_4]$ formed by $\text{O}=\text{O}$ bond cleavage by the former. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1301-1304.	1.0	8
26	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.	3.6	8
27	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.	1.1	7
28	Electrochemical and X-ray crystallographic studies on three macrocyclic dicopper(I) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1973.	3.7	7
29	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.	0.7	7
30	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.	2.4	6
31	The preparation of new manganese(II) isocyanide complexes, $\text{MnI}_2(\text{CNBut})_n$ ($n=1, 1.5, 2$) and the mixed isocyanide/tertiary-phosphine complex $\text{MnI}_2(\text{PPh}_3)(\text{CNBut})_2$. The isolation and X-ray crystallographic characterisation of the MnI/MnII mixed-valence isomeric complexes $[\text{Mn}(\text{CNBut})_6][\text{MnI}_3(\text{PPh}_3)]$ and $[\text{Mn}(\text{CNBut})_5(\text{PPh}_3)][\text{MnI}_3(\text{CNBut})]$. <i>Inorganica Chimica Acta</i> , 1992, 198-200, 23-30.	2.9	5
32	Synthesis, crystal structure, and magnetic properties of bis(aqua)[1/4-(terephthalato- μ_2)]copper(II) monohydrate $[\text{Cu}(\text{C}_8\text{O}_4)(\text{OH}_2)_2]\cdot\text{H}_2\text{O}$. <i>Journal of Solid State Chemistry</i> , 2013, 201, 133-136.	3.5	5
33	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.	2.4	4
34	The reaction of cobalt powder with tetraiodo {1,2-bis(dibenzylphosphino)ethane} to form 1,2-bis(dibenzylphosphino)ethane cobalt diiodide, $\text{Co}(\text{dBzP}_2)\text{I}_2$; and the X-ray crystal structure of the diphosphinodioxide complex, $\text{Co}\{\text{dBzP}_2(\text{O})_2\}\text{I}_2$. <i>Inorganica Chimica Acta</i> , 1998, 282, 25-29.	4.0	4
35	Molecular precursor route for the phase selective synthesis of $\hat{\text{I}}^\pm\text{-MnS}$ or metastable $\hat{\text{I}}^3\text{-MnS}$ nanomaterials for magnetic studies and deposition of thin films by AACVD. <i>Materials Science in Semiconductor Processing</i> , 2022, 139, 106330.	1.1	3
36	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, .	0.6	3
36	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.		

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37	Optical and Photocatalytic Properties of Cu _x S/ZnO Composite Thin Films Deposited by Robotic Spray Pyrolysis Deposition. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	3
38	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. Transition Metal Chemistry, 2016, 41, 889-896.	1.4	2
39	Structure Theory and Applications, 2017, 06, 39-56.	0.1	2
40	Cyclic voltammetric studies on some manganese(II) tertiary arylphosphine complexes. Journal of the Chemical Society Dalton Transactions, 1992, , 1297.	1.1	1
41	Degradation of Dithizone by Non Thermal Quenched Plasma of Gliding Arc Type. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	1
42	Comparative study on the effect of precursors on the morphology and electronic properties of CdS nanoparticles. Turkish Journal of Chemistry, 2021, 45, 400-409.	1.2	1
43	Structural and photoluminescent studies of non-centrosymmetric manganese(II)	0.6	1