

Mohammed Xoshnaw

List of Publications by Year in descending order

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178
papers

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citations

94269

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183
docs citations

183
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	Routes to copper zinc tin sulfide Cu ₂ ZnSnS ₄ a potential material for solar cells. Chemical Communications, 2012, 48, 5703.	2.2	204
2	Organotin Dithiocarbamates: Single-Source Precursors for Tin Sulfide Thin Films by Aerosol-Assisted Chemical Vapor Deposition (AACVD). Chemistry of Materials, 2013, 25, 266-276.	3.2	129
3	Routes to Nanostructured Inorganic Materials with Potential for Solar Energy Applications. Chemistry of Materials, 2013, 25, 3551-3569.	3.2	129
4	The chemical vapor deposition of Cu ₂ ZnSnS ₄ thin films. Chemical Science, 2011, 2, 1170.	3.7	95
5	Routes to tin chalcogenide materials as thin films or nanoparticles: a potentially important class of semiconductor for sustainable solar energy conversion. Inorganic Chemistry Frontiers, 2014, 1, 577-598.	3.0	87
6	In Situ Synthesis of PbS Nanocrystals in Polymer Thin Films from Lead(II) Xanthate and Dithiocarbamate Complexes: Evidence for Size and Morphology Control. Chemistry of Materials, 2015, 27, 2127-2136.	3.2	84
7	Deposition of iron sulfide nanocrystals from single source precursors. Journal of Materials Chemistry, 2011, 21, 9737.	6.7	82
8	Thin films of tin(II) sulphide (SnS) by aerosol-assisted chemical vapour deposition (AACVD) using tin(II) dithiocarbamates as single-source precursors. Journal of Crystal Growth, 2015, 415, 93-99.	0.7	75
9	New routes to copper sulfide nanostructures and thin films. Journal of Materials Chemistry, 2011, 21, 17888.	6.7	70
10	Genetically engineered organisms for bioremediation of pollutants in contaminated sites. Science Bulletin, 2014, 59, 703-714.	1.7	65
11	Thio- and Dithio-Biuret Precursors for Zinc Sulfide, Cadmium Sulfide, and Zinc Cadmium Sulfide Thin Films. Chemistry of Materials, 2011, 23, 1471-1481.	3.2	62
12	Novel single source precursor for synthesis of Sb ₂ Se ₃ nanorods and deposition of thin films by AACVD: Photo-electrochemical study for water reduction catalysis. Solar Energy, 2018, 169, 526-534.	2.9	62
13	Single source molecular precursor routes to lead chalcogenides. Dalton Transactions, 2012, 41, 10497.	1.6	60
14	Structural, optical, magnetic and half-metallic studies of cobalt doped ZnS thin films deposited via chemical bath deposition. Journal of Materials Chemistry C, 2015, 3, 6755-6763.	2.7	59
15	Transition metal doped pyrite (FeS ₂) thin films: structural properties and evaluation of optical band gap energies. Journal of Materials Chemistry C, 2015, 3, 12068-12076.	2.7	59
16	Bis(piperidinedithiocarbamate)pyridinecadmium ($\langle scp \rangle ii \langle /scp \rangle$) as a single-source precursor for the synthesis of CdS nanoparticles and aerosol-assisted chemical vapour deposition (AACVD) of CdS thin films. New Journal of Chemistry, 2014, 38, 6073-6080.	1.4	55
17	Chemical bath deposition of Fe-doped ZnS thin films: Investigations of their ferromagnetic and half-metallic properties. Materials Science in Semiconductor Processing, 2015, 39, 283-291.	1.9	55
18	Nickel and Iron Sulfide Nanoparticles from Thiobiurets. Journal of Physical Chemistry C, 2012, 116, 2253-2259.	1.5	54

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19	Effects of Mg doping on optical and CO gas sensing properties of sensitive ZnO nanobelts. <i>CrystEngComm</i> , 2014, 16, 6080-6088.	1.3	52
20	Organic template-assisted green synthesis of CoMoO ₄ nanomaterials for the investigation of energy storage properties. <i>RSC Advances</i> , 2020, 10, 8115-8129.	1.7	52
21	Flow reactor synthesis of CdSe, CdS, CdSe/CdS and CdSeS nanoparticles from single molecular precursor(s). <i>Journal of Materials Chemistry</i> , 2011, 21, 18768.	6.7	50
22	A One-Pot Synthesis of Monodispersed Iron Cobalt Oxide and Iron Manganese Oxide Nanoparticles from Bimetallic Pivalate Clusters. <i>Chemistry of Materials</i> , 2014, 26, 999-1013.	3.2	50
23	Progress in selenium based metal-organic precursors for main group and transition metal selenide thin films and nanomaterials. <i>Coordination Chemistry Reviews</i> , 2019, 388, 24-47.	9.5	50
24	A colloidal synthesis of CuInSe ₂ , CuGaSe ₂ and CuIn _{1-x} Ga _x Se ₂ nanoparticles from diisopropyldiselenophosphinometal precursors. <i>Nanoscale</i> , 2011, 3, 5132.	2.8	49
25	Heterocyclic dithiocarbamate-iron(III) complexes: single-source precursors for aerosol-assisted chemical vapour deposition (AACVD) of iron sulfide thin films. <i>Dalton Transactions</i> , 2016, 45, 2647-2655.	1.6	49
26	Iron Thiobiurets: Single-Source Precursors for Iron Sulfide Thin Films. <i>Inorganic Chemistry</i> , 2010, 49, 8495-8503.	1.9	48
27	Chemical vapour deposition of rhenium disulfide and rhenium-doped molybdenum disulfide thin films using single-source precursors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2312-2318.	2.7	46
28	The effect of alkyl chain length on the structure of lead(II) xanthates and their decomposition to PbS in melt reactions. <i>Dalton Transactions</i> , 2016, 45, 16345-16353.	1.6	45
29	Phosphine stabilized copper(I) complexes of dithiocarbamates and xanthates and their decomposition pathways. <i>New Journal of Chemistry</i> , 2011, 35, 2773.	1.4	44
30	Bis(selenobenzoato)dibutyltin(IV) as a single source precursor for the synthesis of SnSe nanosheets and their photo-electrochemical study for water splitting. <i>Dalton Transactions</i> , 2018, 47, 5465-5473.	1.6	44
31	Phase-pure fabrication and shape evolution studies of SnS nanosheets. <i>New Journal of Chemistry</i> , 2015, 39, 9569-9574.	1.4	43
32	Structural and Dynamic Characterizations Highlight the Deleterious Role of SULT1A1 R213H Polymorphism in Substrate Binding. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6256.	1.8	43
33	A Single-Source Precursor Route to Unusual PbSe Nanostructures by a Solution "Liquid" Solid Method. <i>Journal of the American Chemical Society</i> , 2012, 134, 2485-2487.	6.6	42
34	Synthesis of pyrite thin films and transition metal doped pyrite thin films by aerosol-assisted chemical vapour deposition. <i>New Journal of Chemistry</i> , 2015, 39, 1013-1021.	1.4	41
35	Synthetic routes to iron chalcogenide nanoparticles and thin films. <i>Dalton Transactions</i> , 2016, 45, 18803-18812.	1.6	41
36	Deposition of morphology-tailored PbS thin films by surfactant-enhanced aerosol assisted chemical vapor deposition. <i>Materials Science in Semiconductor Processing</i> , 2016, 46, 39-45.	1.9	40

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37	The aerosol assisted chemical vapour deposition of SnSe and Cu ₂ SnSe ₃ thin films from molecular precursors. <i>Chemical Communications</i> , 2014, 50, 14328-14330.	2.2	39
38	Determinants of Public Attitudes to Genetically Modified Salmon. <i>PLoS ONE</i> , 2014, 9, e86174.	1.1	38
39	A facile method for the production of SnS thin films from melt reactions. <i>Journal of Materials Science</i> , 2016, 51, 6166-6172.	1.7	38
40	Functionalization of MoO ₃ NiMoO ₄ nanocomposite using organic template for energy storage application. <i>Journal of Energy Storage</i> , 2020, 29, 101309.	3.9	38
41	A chemodosimetric approach for the selective detection of Pb ²⁺ ions using a cesium based perovskite. <i>New Journal of Chemistry</i> , 2016, 40, 9719-9724.	1.4	37
42	Deposition of iron sulfide thin films by AACVD from single source precursors. <i>Journal of Crystal Growth</i> , 2012, 346, 106-112.	0.7	36
43	Structural investigations of SnS _{1-x} Se _x solid solution synthesized from chalcogeno-carboxylate complexes of organo-tin by colloidal and solvent-less routes. <i>Dalton Transactions</i> , 2018, 47, 10025-10034.	1.6	36
44	Mixing in turbulent free jets issuing from isosceles triangular orifices with different apex angles. <i>Experimental Thermal and Fluid Science</i> , 2012, 39, 237-251.	1.5	35
45	The synthesis of iron sulfide nanocrystals from tris(O-alkylxanthato)iron(III) complexes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8766.	5.2	35
46	Optimising conditions for the growth of nanocrystalline ZnS thin films from acidic chemical baths. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 292-297.	1.9	35
47	Gene Technology for Papaya Ringspot Virus Disease Management. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	33
48	In-situ Synthesis of Self-Assembled Gold Nanoparticles on Glass or Silicon Substrates through Reactive Inkjet Printing. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 420-423.	7.2	33
49	Phase pure deposition of flower-like thin films by aerosol assisted chemical vapor deposition and solvent mediated structural transformation in copper sulfide nanostructures. <i>Thin Solid Films</i> , 2017, 638, 338-344.	0.8	33
50	A Facile Route to Cesium Lead Bromoiodide Perovskite Microcrystals and Their Potential Application as Sensors for Nitrophenol Explosives. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3755-3760.	1.0	32
51	Photocatalytic removal of carcinogenic reactive red S3B dye by using ZnO and Cu doped ZnO nanoparticles synthesized by polyol method: A kinetic study. <i>Solar Energy</i> , 2018, 173, 875-881.	2.9	30
52	Nickel Sulfide Thin Films from Thio- and Dithiobiuret Precursors. <i>Chemistry of Materials</i> , 2010, 22, 6328-6340.	3.2	29
53	Special Role for Zinc Stearate and Octadecene in the Synthesis of Luminescent ZnSe Nanocrystals. <i>Chemistry of Materials</i> , 2015, 27, 3797-3800.	3.2	29
54	Controlled synthesis of all inorganic CsPbBr ₂ I perovskite by non-template and aerosol assisted chemical vapour deposition. <i>Materials Letters</i> , 2017, 190, 244-247.	1.3	29

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55	Levels of heavy metal concentrations and their effect on net nitrification rates and nitrifying archaea/bacteria in paddy soils of Bangladesh. <i>Applied Soil Ecology</i> , 2020, 156, 103697.	2.1	29
56	Effect of NiO on organic framework functionalized ZnO nanoparticles for energy storage application. <i>International Journal of Energy Research</i> , 2020, 44, 5259-5271.	2.2	29
57	Cobalt sulfide nanoparticles: Synthesis, water splitting and supercapacitance studies. <i>Materials Science in Semiconductor Processing</i> , 2020, 109, 104925.	1.9	29
58	Synthesis of multi-podal CdS nanostructures using heterocyclic dithiocarbamate complexes as precursors. <i>Polyhedron</i> , 2013, 56, 62-70.	1.0	28
59	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.	1.0	28
60	Room temperature ferromagnetism and half metallicity in nickel doped ZnS: Experimental and DFT studies. <i>Materials Chemistry and Physics</i> , 2015, 160, 440-446.	2.0	28
61	Deposition of iron selenide nanocrystals and thin films from tris(N,N-diethyl-N-2-naphthoylselenoureate)iron(III). <i>Journal of Materials Chemistry</i> , 2012, 22, 14970.	6.7	27
62	Synthesis of monodispersed magnetite nanoparticles from iron pivalate clusters. <i>Dalton Transactions</i> , 2013, 42, 196-206.	1.6	27
63	Deposition of cobalt and nickel sulfide thin films from thio- and alkylthio-urea complexes as precursors via the aerosol assisted chemical vapour deposition technique. <i>Thin Solid Films</i> , 2014, 564, 51-57.	0.8	27
64	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.	1.7	27
65	iso-Propylthiobiuret-copper and indium complexes as novel precursors for colloidal synthesis of CuInS ₂ nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 3781.	6.7	26
66	Aerosol assisted chemical vapor deposition (AACVD) of CdS thin films from heterocyclic cadmium(II) complexes. <i>Inorganica Chimica Acta</i> , 2015, 434, 181-187.	1.2	26
67	Impact of commercial probiotics application on growth and production of giant fresh water prawn (<i>Macrobrachium Rosenbergii</i> De Man, 1879). <i>Aquaculture Reports</i> , 2016, 4, 112-117.	0.7	26
68	Enhanced photocatalytic activity of water stable hydroxyl ammonium lead halide perovskites. <i>Materials Science in Semiconductor Processing</i> , 2017, 63, 6-11.	1.9	26
69	Selective Deposition of Cobalt Sulfide Nanostructured Thin Films from Single-Source Precursors. <i>Chemistry of Materials</i> , 2010, 22, 4919-4930.	3.2	25
70	Synthesis of iron selenide nanocrystals and thin films from bis(tetraisopropyldiselenoimidodiphosphinato)iron(II) and bis(tetraphenyldiselenoimidodiphosphinato)iron(II) complexes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20612-20620.	5.2	25
71	The AACVD of Cu ₂ FeSn(S _x Se ^{1-x}) ₄ : potential environmentally benign solar cell materials. <i>New Journal of Chemistry</i> , 2015, 39, 7046-7053.	1.4	25
72	A facile approach for selective and sensitive detection of aqueous contamination in DMF by using perovskite material. <i>Materials Letters</i> , 2016, 183, 135-138.	1.3	25

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73	Surfactant and template free synthesis of porous ZnS nanoparticles. <i>Materials Chemistry and Physics</i> , 2017, 189, 28-34.	2.0	25
74	Nanocrystalline Pyrite for Photovoltaic Applications. <i>ChemistrySelect</i> , 2018, 3, 6488-6524.	0.7	25
75	Aerosol assisted chemical vapor deposition of Sb ₂ S ₃ thin films: Environmentally benign solar energy material. <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 643-649.	1.9	24
76	Deposition of cadmium sulfide and zinc sulfide thin films by aerosol-assisted chemical vapors from molecular precursors. <i>Turkish Journal of Chemistry</i> , 2015, 39, 169-178.	0.5	24
77	A novel single source precursor: [bis(N,N-diethyl-Nâ€²-naphthoyl-selenoureato)palladium(<i>scp</i>)] for palladium selenide thin films and nanoparticles. <i>Chemical Communications</i> , 2011, 47, 1899-1901.	2.2	23
78	Deposition of binary, ternary and quaternary metal selenide thin films from diisopropyldiselenophosphinato-metal precursors. <i>Journal of Crystal Growth</i> , 2014, 394, 39-48.	0.7	23
79	Tuning the Phase and Shape of Copper Sulfide Nanostructures Using Mixed Solvent Systems. <i>ChemistrySelect</i> , 2016, 1, 5982-5989.	0.7	23
80	The deposition of PbS and PbSe thin films from lead dichalcogenoimidophosphinates by AACVD. <i>Inorganica Chimica Acta</i> , 2016, 453, 439-442.	1.2	23
81	Morphologyâ€Tailored Synthesis of PbSe Nanocrystals and Thin Films from Bis[diisobutylâ€Nâ€²(4-nitrobenzoyl)selenoureato]lead(II). <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2984-2990.	1.0	22
82	A direct synthesis of water soluble monodisperse cobalt and manganese ferrite nanoparticles from iron based pivalate clusters by the hot injection thermolysis method. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 303-308.	1.9	21
83	Colloidal Sb ₂ S ₃ nanocrystals: synthesis, characterization and fabrication of solid-state semiconductor sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6809-6814.	5.2	21
84	New Examples of Phase Control in the Preparation of Copper Sulfide Nanoparticles and Deposition of Thin Films by AACVD from Bis(piperidinedithiocarbamate)copper(II) Complex. <i>ChemistrySelect</i> , 2018, 3, 2943-2950.	0.7	21
85	Effect of probiotics on immune competence of giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture Research</i> , 2019, 50, 644-657.	0.9	21
86	Effect of Long-Term Pesticides and Chemical Fertilizers Application on the Microbial Community Specifically Anammox and Denitrifying Bacteria in Rice Field Soil of Jhenaidah and Kushtia District, Bangladesh. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 828-833.	1.3	21
87	Organic template-based ZnO embedded Mn ₃ O ₄ nanoparticles: synthesis and evaluation of their electrochemical properties towards clean energy generation. <i>RSC Advances</i> , 2020, 10, 9854-9867.	1.7	21
88	Effects of bioactive compounds on the morphology and surface chemistry of MoO ₃ /ZnMoO ₄ nanocomposite for supercapacitor. <i>Journal of Materials Science</i> , 2020, 55, 7743-7759.	1.7	21
89	Anti-inflammatory and analgesic activities of acetophenone semicarbazone and benzophenone semicarbazone. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1036-S1039.	0.5	20
90	Mean Streamwise Centerline Velocity Decay and Entrainment in Triangular and Circular Jets. <i>AIAA Journal</i> , 2013, 51, 70-79.	1.5	20

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91	Synthesis of mackinawite FeS thin films from acidic chemical baths. <i>Materials Science in Semiconductor Processing</i> , 2015, 32, 1-5.	1.9	20
92	Colloidal Synthesis of ZnS, CdS and Zn x Cd ^{1-x} S Nanoparticles from Zinc and Cadmium Thiobiuret Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 226-240.	1.9	19
93	Morphology and band gap controlled AACVD of CdSe and CdS Se ^{1-x} thin films using novel single source precursors: Bis(diethylthio/diselenocarbamate)cadmium(II). <i>Materials Science in Semiconductor Processing</i> , 2015, 40, 848-854.	1.9	18
94	The influence of precursor on rhenium incorporation into Re-doped MoS ₂ (Mo _{1-x} Re _x S ₂) thin films by aerosol-assisted chemical vapour deposition (AACVD). <i>Journal of Materials Chemistry C</i> , 2017, 5, 9044-9052.	2.7	18
95	Synthesis of SnO ₂ nanostructures by ultrasonic-assisted sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 69, 617-624.	1.1	17
96	Phase-Controlled Deposition of Copper Sulfide Thin Films by Using Single-Molecular Precursors. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 533-538.	1.0	17
97	Synthesis of Nanoparticulate Alloys of the Composition Cu ₂ Zn _{1-x} Fe _x Sn ₄ : Structural, Optical, and Magnetic Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 15086-15089.	6.6	17
98	Fabrication of Ni ²⁺ incorporated ZnO photoanode for efficient overall water splitting. <i>Applied Surface Science</i> , 2019, 490, 302-308.	3.1	17
99	Single-molecule precursor-based approaches to cobalt sulphide nanostructures. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4249-4260.	1.6	16
100	Nickel(II) complexes of N-(dialkylcarbamothioyl)-4-nitrobenzamide as single-source precursors for the deposition of nanostructured nickel sulfide thin films by chemical vapor deposition. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2788-2801.	0.8	16
101	Deposition of phase pure nickel sulfide thin films from bis(O-alkylxanthato)nickel(II) complexes by the aerosol assisted chemical vapour deposition (AACVD) method. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 368-375.	1.9	16
102	Growth of Cu ₂ ZnSnSe ₄ and Cu ₂ FeSnSe ₄ thin films by AACVD from molecular precursors. <i>Materials Letters</i> , 2015, 152, 60-64.	1.3	15
103	PbS x Se ^{1-x} thin films from the thermal decomposition of lead(II) dodecylxanthate and bis(N,N-diethyl-N ² -naphthoylselenoureateo)lead(II) precursors. <i>Journal of Materials Science</i> , 2018, 53, 4283-4293.	1.7	15
104	Broadband emission in a new lead free all-inorganic 3D CsZnCl ₂ I perovskite. <i>New Journal of Chemistry</i> , 2018, 42, 17181-17184.	1.4	15
105	Phyto-inspired and scalable approach for the synthesis of PdO ² Mn ₂ O ₃ : a nano-material for application in water splitting electro-catalysis. <i>RSC Advances</i> , 2020, 10, 29961-29974.	1.7	15
106	Highly sensitive, selective and stable multi-metal ions sensor based on ibuprofen capped mercury nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 745-751.	4.0	14
107	Mean Flow and Turbulence Measurements in a Turbulent Free Cruciform Jet. <i>Flow, Turbulence and Combustion</i> , 2013, 91, 773-804.	1.4	14
108	Hot injection thermolysis of heterometallic pivalate clusters for the synthesis of monodisperse zinc and nickel ferrite nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6781-6789.	2.7	14

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109	Phase controlled synthesis of copper sulfide nanoparticles by colloidal and non-colloidal methods. <i>Materials Chemistry and Physics</i> , 2016, 180, 404-412.	2.0	14
110	Superior visible-light assisted water splitting performance by Fe incorporated ZnO photoanodes. <i>Materials Research Bulletin</i> , 2020, 122, 110627.	2.7	14
111	Plants and microbes' responses to the net nitrification rates of chemical fertilizers in vegetable soils. <i>Applied Soil Ecology</i> , 2021, 158, 103783.	2.1	14
112	Factors influencing stakeholders' attitudes toward cross-kingdom gene transfer in rice. <i>New Genetics and Society</i> , 2014, 33, 370-399.	0.7	13
113	Study of Thermal Conductivity and Mechanical Property of Insulating Firebrick Produced by Local Clay and Petroleum Coal Dust as Raw Materials. <i>Procedia Engineering</i> , 2015, 105, 121-128.	1.2	13
114	The effect of temperature on the growth of Ag ₂ O nanoparticles and thin films from bis(2-hydroxy-1-naphthaldehydato)silver(I) complex by the thermal decomposition of spin-coated films. <i>Materials Science in Semiconductor Processing</i> , 2017, 71, 109-115.	1.9	13
115	Medicinal Plants of the Hodis: A Disappearing Tribe of Bangladesh. <i>Journal of Alternative and Complementary Medicine</i> , 2011, 17, 1103-1108.	2.1	12
116	The synthesis, spectroscopy and X-ray single crystal structure of		

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127	Metal selenobenzoate complexes: Novel single source precursors for the synthesis of metal selenide semiconductor nanomaterials. <i>Materials Today: Proceedings</i> , 2019, 10, 66-74.	0.9	11
128	Very narrow In ₂ S ₃ nanorods and nanowires from a single source precursor. <i>Materials Letters</i> , 2013, 99, 138-141.	1.3	10
129	The synthesis of a monodisperse quaternary ferrite (FeCoCrO ₄) from the hot injection thermolysis of the single source precursor [CrCoFeO(O ₂) ₂ C _t Bu] ₆ (HO ₂ C _t Bu) ₃]. <i>Dalton Transactions</i> , 2018, 47, 376-381.	1.6	10
130	Combining Ability of Pod Yield and Related Traits of Groundnut (<i>Arachis hypogaea</i> L.) under Salinity Stress. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	9
131	Magnetic spectroscopy of nanoparticulate greigite, Fe ₃ S ₄ . <i>Mineralogical Magazine</i> , 2017, 81, 857-872.	0.6	9
132	The closed form solutions of simplified MCH equation and third extended fifth order nonlinear equation. <i>Propulsion and Power Research</i> , 2019, 8, 163-172.	2.0	9
133	Deposition of crystalline copper films from tetranuclear copper (II) complexes without application of reducing atmosphere. <i>Applied Organometallic Chemistry</i> , 2010, 24, 714-720.	1.7	8
134	Contribution of morpho-physiological attributes in determining the yield of mungbean. <i>African Journal of Biotechnology</i> , 2011, 10, 12897-12904.	0.3	8
135	Synthesis of Hybrid to Inorganic Quasi 2D-Layered Perovskite Nanoparticles. <i>ChemistrySelect</i> , 2017, 2, 5595-5599.	0.7	8
136	Traveling wave solutions in closed form for some nonlinear fractional evolution equations related to conformable fractional derivative. <i>AIMS Mathematics</i> , 2018, 3, 625-646.	0.7	8
137	Synthesis, characterization, and crystal structure of a copper(II) complex of 1,10-phenanthroline and succinate. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2353-2360.	0.8	7
138	COBALT(II)/NICKEL(II) COMPLEXES OF DITHIOACETYLACETONE [M(SacSac) ₂] (M = Co, Ni) AS SINGLE SOURCE PRECURSORS FOR COBALT/NICKEL SULFIDE NANOSTRUCTURES. <i>International Journal of Nanoscience</i> , 2011, 10, 815-822.	0.4	7
139	Eosinophilic Fasciitis: What Matters in Management in a Developing Country? A Case Report with Two and a Half-year Follow-up. <i>Journal of Health, Population and Nutrition</i> , 2012, 30, 117-20.	0.7	7
140	The oriented self-assembly of small PbSe nanocrystals into extended structures "nanoworms". <i>Materials Letters</i> , 2012, 77, 78-81.	1.3	7
141	Terbium Oxide, Fluoride, and Oxyfluoride Nanoparticles with Magneto-optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1453-1458.	2.0	7
142	Multiple closed form wave solutions to the KdV and modified KdV equations through the rational (G ² /G)-expansion method. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2017, 24, 160-168.	1.0	7
143	The Influence of Temperature on the Formation of Cubic Structured CdO Nanoparticles and Their Thin Films from Bis(2-hydroxy-1-naphthaldehydato)cadmium(II) Complex via Thermal Decomposition Technique. <i>Journal of Nanotechnology</i> , 2017, 2017, 1-11.	1.5	7
144	Closed-form travelling wave solutions to the nonlinear space-time fractional coupled Burgers equation. <i>Arab Journal of Basic and Applied Sciences</i> , 2019, 26, 1-11.	1.0	7

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145	First-Order Reactant in Homogeneous Turbulence Prior to the Ultimate Phase of Decay for Four-Point Correlation in Presence of Dust Particle. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 585-595.	0.1	6
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147	Synthesis and analysis of ZnO-CoMoO ₄ incorporated organic compounds for efficient degradation of azo dye pollutants under dark ambient conditions. Applied Organometallic Chemistry, 2020, 34, e5733.	1.7	6
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