

Chittaranjan Sinha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

298
papers

5,234
citations

37
h-index

51
g-index

302
ext. papers

5,770
ext. citations

3.1
avg, IF

5.8
L-index

#	Paper	IF	Citations
298	A Cu(II) Metal Organic Framework with a Tetranuclear Core: Structure, Magnetism, and Supercapacitor Activity. <i>Crystal Growth and Design</i> , 2022 , 22, 1172-1181	3.5	1
297	In Situ Trans Isomerization of Naphthylvinylpyridine Ligand in a Zinc(II) Coordination Polymer: Liquid and Vapor Phase Sensing of Mutagenic Pollutants and Nitroexplosives. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2841-2850	4.3	0
296	Double advantages of Benzimidazolyl-hydroxy-coumarinyl diad - Turn-on sensing of Al ³⁺ and preventing metastasis in cancer. <i>Journal of Molecular Structure</i> , 2021 , 1250, 131870	3.4	0
295	Influence of the cavity size of cyclodextrins on the photochromism of azoimidazoles. <i>Journal of the Indian Chemical Society</i> , 2021 , 100295		1
294	A highly emissive Zn(II)-pyridyl-benzimidazolyl-phenolato-based chemosensor: detection of HPO ²⁻ "use" and "throw" device fabrication. <i>Analytical Methods</i> , 2021 , 13, 5282-5292	3.2	2
293	Cd(II) coordination polymer of fumaric acid and pyridyl-hydrazide Schiff base: Structure, photoconductivity and theoretical interpretation. <i>Inorganica Chimica Acta</i> , 2021 , 518, 120253	2.7	7
292	Detection of cyanide (CN ⁻) ion with high selectivity and sensitivity by using Turn-ON fluorescence strategy of Rhodamine Schiff base. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100063		
291	Molecular modeling of potent novel sulfonamide derivatives as non-peptide small molecule anti-COVID 19 agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	0
290	Two-Dimensional MOF Modulated Fiber Nanogenerator for Effective Acoustoelectric Conversion and Human Motion Detection. <i>Langmuir</i> , 2021 , 37, 7107-7117	4	9
289	Pyrrolo-benzodiazepine fluorophore for trace amount detection of Cu ²⁺ and application in living cells. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100085		2
288	Capping agent-induced variation of physicochemical and biological properties of Fe ₂ O ₃ nanoparticles. <i>Materials Chemistry and Physics</i> , 2021 , 258, 123899	4.4	12
287	Development of a Schottky barrier diode using molecular network of 1-alkyl-2-(arylazo) imidazole prepared by Langmuir-Blodgett technique. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 149, 109778	3.9	0
286	Sunlight assisted SCSC dimerization of a 1D coordination polymer impacts the selectivity of Pd(II) sensing in water. <i>Chemical Communications</i> , 2021 , 57, 6197-6200	5.8	5
285	Ultra-trace level detection of Cu ²⁺ in an aqueous medium by novel Zn(II)-dicarboxylato-pyridyl coordination polymers and cell imaging with HepG2 cells. <i>New Journal of Chemistry</i> , 2021 , 45, 13941-13948	3.6	3
284	Charge Transportation in Zn(II)/Cd(II)-Based 2D MOFs of 5-Nitro-isophthalate with Isonicotinic Hydrazide. <i>Crystal Growth and Design</i> , 2021 , 21, 4847-4856	3.5	2
283	Tetrameric and Polymeric Zn(II) Coordination Complexes of 4-Diallylaminobenzoic Acid and Their Applications in the Electroreduction of CO ₂ and Schottky Diode Behavior. <i>Crystal Growth and Design</i> , 2021 , 21, 5240-5250	3.5	3
282	A Reusable Efficient Green Catalyst of 2D Cu-MOF for the Click and Knoevenagel Reaction. <i>Molecules</i> , 2021 , 26,	4.8	2

281	Synthesis, characterization, in vitro cytotoxic activity and molecular docking of dinuclear gold(I) complexes with terephthalaldehyde bis(thiosemicarbazones). <i>Polyhedron</i> , 2021 , 210, 115498	2.7	
280	Designing of an Adipic acid bridged Zn(II) coordination polymer: Synthesis and biological study. <i>Journal of Molecular Structure</i> , 2021 , 1243, 130923	3.4	0
279	Carboxylato bridging Cu(II) coordination polymer: Structure, magnetism and catalytic reduction of nitrophenols. <i>Journal of Molecular Structure</i> , 2021 , 1245, 131058	3.4	2
278	Synthesis, crystal structure and biological application of a Cu(II) coordination compound of 2-hydroxy-5-methyl-3-(pyridin-3-yliminomethyl)-benzaldehyde. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100007		3
277	Photo-Tunable Azobenzene-Anthraquinone Schiff Base Copper Complexes as Mediators for Laccase in Biofuel Cell Cathode. <i>Symmetry</i> , 2020 , 12, 797	2.7	4
276	A promising class of luminescent derivatives of Silver(I) and Gold(I)-N-heterocyclic carbene. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5673	3.1	3
275	Coordination polymers of Ag(i) and Hg(i) ions with 2,2'-azobispyridine: synthesis, characterization and enhancement of conductivity in the presence of Cu(ii) ions. <i>Dalton Transactions</i> , 2020 , 49, 8438-8442	4.3	2
274	A Novel Synthesis of the Graphene Oxide-Silver (GO-Ag) Nanocomposite for Unique Physiochemical Applications. <i>ACS Omega</i> , 2020 , 5, 5041-5047	3.9	34
273	Biporous Cd(II) Coordination Polymer via Disulfide Bond Formation: Self-Healing and Application to Photosensitive Optoelectronic Device. <i>Inorganic Chemistry</i> , 2020 , 59, 5518-5528	5.1	11
272	Supramolecular assembly of a 4-(1-naphthylvinyl)pyridine-appended Zn(II) coordination compound for the turn-on fluorescence sensing of trivalent metal ions (Fe ³⁺ , Al ³⁺ , and Cr ³⁺) and cell imaging application. <i>New Journal of Chemistry</i> , 2020 , 44, 13163-13171	3.6	7
271	Construction of a Succinate-Bridged Cd(II)-Based Two-Dimensional Coordination Polymer for Efficient Optoelectronic Device Fabrication and Explosive Sensing Application. <i>Crystal Growth and Design</i> , 2020 , 20, 765-776	3.5	35
270	Influence of cations on optical properties of iodobismuthates. <i>Polyhedron</i> , 2020 , 179, 114335	2.7	5
269	A Fluorogenic Triphenyl-Amine-Naphthyl-Hydrazide Probe Selective for Cu ²⁺ and Cysteine Detection via an ON-OFF-ON Logic path with Real Applications. <i>ChemistrySelect</i> , 2020 , 5, 15233-15242	1.8	1
268	Two acetylenedicarboxylato-bridged 4-styrylpyridine appended 1D coordination polymers: synthesis, structural characterization and variable temperature magnetism. <i>Journal of Chemical Sciences</i> , 2020 , 132, 1	1.8	5
267	Studies on Magnetic and Dielectric Properties of Antiferromagnetically Coupled Dinuclear Cu(II) in a One-Dimensional Cu(II) Coordination Polymer. <i>ACS Omega</i> , 2020 , 5, 274-280	3.9	8
266	X-ray structure of two Schiff bases: TURN-ON sensing of Fe and Al in the HepG2 cell line. <i>Analytical Methods</i> , 2020 , 12, 5485-5495	3.2	1
265	A Vanillinyl-Hydrazone Schiff Base: Recognition of Mg ²⁺ , Zn ²⁺ , Cd ²⁺ and I ⁻ by Turn-On Fluorescence Method. <i>ChemistrySelect</i> , 2020 , 5, 8274-8283	1.8	4
264	Rhodium(III) complexes of 1-Alkyl-2-((o-thioalkyl) phenylazo)imidazoles: synthesis, structure, spectral characterization, DNA binding study and DFT calculation. <i>Transition Metal Chemistry</i> , 2020 , 45, 595-603	2.1	2

263	Trace Quantity Detection of H ₂ PO ₄ ³⁻ by Fluorescent Metal-Organic Framework (F-MOF) and Bioimaging Study. <i>Crystal Growth and Design</i> , 2020 , 20, 6453-6460	3.5	13
262	Three-Dimensional MOF-Assisted Self-Polarized Ferroelectret: An Effective Autopowered Remote Healthcare Monitoring Approach. <i>Langmuir</i> , 2020 , 36, 11477-11489	4	17
261	Stabilization of cyclic water tetramers and dimers in the crystal host of 2D coordination networks: electrical conductivity and dielectric studies. <i>New Journal of Chemistry</i> , 2020 , 44, 15857-15870	3.6	4
260	Chromogenic hydrazide Schiff base reagent: Spectrophotometric determination of CN ⁻ ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 225, 117471	4.4	9
259	Silver Nanoparticles Derived from Albizia lebbek Bark Extract Demonstrate Killing of Multidrug-Resistant Bacteria by Damaging Cellular Architecture with Antioxidant Activity. <i>ChemistrySelect</i> , 2020 , 5, 4770-4777	1.8	3
258	Rhodium(III) supported amination reaction of a pendant naphthyl group: Structure, electrochemistry and theoretical interpretation. <i>Polyhedron</i> , 2019 , 171, 542-550	2.7	2
257	Design of a coumarinyl-picolinoyl hydrazide Schiff base for the fluorescence turn-on/off sequential sensing of Al ³⁺ and nitroaromatics, and electronic device fabrication. <i>New Journal of Chemistry</i> , 2019 , 43, 14979-14990	3.6	13
256	Influence of Axial Linkers on Polymerization in Paddle-Wheel Cu(II) Coordination Polymers for the Application of Optoelectronics Devices. <i>Crystal Growth and Design</i> , 2019 , 19, 6283-6290	3.5	12
255	Supramolecular Aggregate of Cadmium(II)-Based One-Dimensional Coordination Polymer for Device Fabrication and Sensor Application. <i>Inorganic Chemistry</i> , 2019 , 58, 2686-2694	5.1	57
254	Fluorescence sensing and intracellular imaging of Pd ²⁺ ions by a novel coumarinyl-rhodamine Schiff base. <i>New Journal of Chemistry</i> , 2019 , 43, 3899-3906	3.6	12
253	Tuning of the para-position of pyridyl ligands impacts the electrical properties of a series of Cd(ii) ladder polymers. <i>Dalton Transactions</i> , 2019 , 48, 11259-11267	4.3	18
252	Solvent-tuned discriminant sensing of Al ³⁺ , Mg ²⁺ and HF ₂ ⁻ by vanilinylic-picolinyl hydrazide Schiff base. <i>New Journal of Chemistry</i> , 2019 , 43, 9815-9823	3.6	5
251	Aggregation-Induced Emission-Active Hydrazide-Based Probe: Selective Sensing of Al, HF ⁻ , and Nitro Explosives. <i>ACS Omega</i> , 2019 , 4, 8451-8464	3.9	17
250	A Phenyl Thioether-Based Probe: Zn ²⁺ Ion Sensor, Structure Determination and Live Cell Imaging. <i>ChemistrySelect</i> , 2019 , 4, 4472-4477	1.8	7
249	An acetylenedicarboxylato-bridged Mn(II)-based 1D coordination polymer: electrochemical CO ₂ reduction and magnetic properties. <i>New Journal of Chemistry</i> , 2019 , 43, 5167-5172	3.6	16
248	Synthesis of a Zn(II)-based 1D zigzag coordination polymer for the fabrication of optoelectronic devices with remarkably high photosensitivity. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1245-1252	6.8	26
247	Sunlight-Induced Topochemical Photodimerization and Switching of the Conductivity of a Metal-Organic Compound. <i>Inorganic Chemistry</i> , 2019 , 58, 5419-5422	5.1	15
246	Enhancement of Electrical Conductivity due to Structural Distortion from Linear to Nonlinear Dicarboxylato-Bridged Zn(II) 1D-Coordination Polymers. <i>Crystal Growth and Design</i> , 2019 , 19, 2632-2641	3.5	16

245	Novel Porous Polycatenated Iodo-Cadmium Coordination Polymer for Iodine Sorption and Electrical Conductivity Measurement. <i>Crystal Growth and Design</i> , 2019 , 19, 2206-2218	3.5	23
244	Use of the fluorogenic Al ³⁺ -quinoliny-azo-naphtholato complex for the determination of F ⁻ in aqueous medium by visible light excitation and application in ground water fluoride analysis. <i>Analytical Methods</i> , 2019 , 11, 4440-4449	3.2	3
243	The sunlight-driven photosalient effect of a 1D coordination polymer and the release of an elusive cyclobutane derivative. <i>Chemical Communications</i> , 2019 , 55, 11049-11051	5.8	21
242	Effect of -OMe Substituent on Salicylaldehyde Schiff Base to Influence the Zn ²⁺ Sensitivity and the Cancer Cell Line Imaging. <i>ChemistrySelect</i> , 2019 , 4, 7932-7935	1.8	2
241	Supramolecular assembly of Cu(II)-based 1D coordination polymer: Synthesis, characterization and correlation of band gap. <i>Journal of Molecular Structure</i> , 2019 , 1197, 430-435	3.4	6
240	Azoimine Chelated Ruthenium(II)- and Osmium(II)-Carbonyl Complex Catalyzed Alcohol Oxidation Reaction. <i>Current Organocatalysis</i> , 2019 , 6, 139-157	1.2	2
239	Fabrication of a Zn(II)-Based 2D Pillar Bilayer Metal-Organic Framework for Antimicrobial Activity. <i>ChemistrySelect</i> , 2019 , 4, 9947-9951	1.8	12
238	Three-Dimensional-Coordination Polymer of Zn(II)-Carboxylate: Structural Elucidation, Photoelectrical Conductivity, and Biological Activity. <i>ACS Omega</i> , 2019 , 4, 17649-17661	3.9	14
237	Rhodamine-Appended Benzophenone Probe for Trace Quantity Detection of Pd in Living Cells. <i>ACS Omega</i> , 2019 , 4, 18987-18995	3.9	9
236	Water soluble sulfaguanidine based Schiff base as a Turn-on fluorescent probe for intracellular recognition of Zn ²⁺ in living cells and exploration for biological activities. <i>Polyhedron</i> , 2019 , 172, 28-38	2.7	14
235	Surface Enhanced Raman Scattering Study of 1-H-2 (tolylazo) Imidazole (TaiH) Induced by Uncoupled Plasmon of Silver Nano Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 3583-3590	1.3	2
234	The oxidative dehydrogenation of a coumarinyl scaffold with copper ion and metal ion detection in human liver cancer cells (HepG2). <i>Dalton Transactions</i> , 2019 , 48, 17818-17830	4.3	5
233	Designing of Pb(II)-Based Novel Coordination Polymers (CPs): Structural Elucidation and Optoelectronic Application. <i>ACS Omega</i> , 2019 , 4, 19959-19968	3.9	8
232	Selective detection of trinitrophenol by a Cd(ii)-based coordination compound.. <i>RSC Advances</i> , 2019 , 9, 38718-38723	3.7	8
231	An azine-based carbothioamide chemosensor for selective and sensitive turn-on-off sequential detection of Zn(II) and HPO ₄ ²⁻ , live cell imaging and INHIBIT logic gate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 207, 164-172	4.4	24
230	Synthesis, antimicrobial activity and molecular docking of di- and triorganotin (IV) complexes with thiosemicarbazide derivatives. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4700	3.1	12
229	Structural diversity, topology and luminescent properties of a two-dimensional Cd(II) coordination polymer incorporating 4,4'-dipyridyl and 4,4'-sulfonyldibenzoic acid. <i>Journal of Molecular Structure</i> , 2019 , 1179, 618-622	3.4	4
228	{Bis(diphenylphosphino)methane}(1-alkyl-2-(arylo)imidazole) copper(I) perchlorate: Synthesis, structure and photochromism. <i>Inorganica Chimica Acta</i> , 2019 , 488, 125-130	2.7	1

227	A hydrazine-based thiocarbamide probe for colorimetric and turn-on fluorometric detection of PO ₄ ³⁻ and AsO ₃ ³⁻ in semi-aqueous medium. <i>New Journal of Chemistry</i> , 2018 , 42, 6236-6246	3.6	16
226	Correlation between the dielectric and electrochemical properties of TiO ₂ -V ₂ O ₅ nanocomposite for energy storage application. <i>Electrochimica Acta</i> , 2018 , 266, 404-413	6.7	35
225	Cobalt(II), nickel(II) and copper(II) complexes of N-((2-pyridyl)methylidene)-6-coumarin: Characterization, DNA interaction, catecholase activity and theoretical interpretation. <i>Inorganica Chimica Acta</i> , 2018 , 482, 659-668	2.7	4
224	Novel Br ⁻ (Chelate) Interaction in a 1D Coordination Polymer Revealing Aromaticity. <i>ChemistrySelect</i> , 2018 , 3, 4289-4291	1.8	16
223	Cu(II)-Based binuclear compound for the application of photosensitive electronic devices. <i>New Journal of Chemistry</i> , 2018 , 42, 8629-8637	3.6	11
222	Arylazoimidazole Coordinated and Naphthalene-Dicarboxylate Bridged Polymers of Co(II) and Photochromic Zn(II) Complexes. <i>Crystal Growth and Design</i> , 2018 , 18, 2986-2997	3.5	18
221	Sulfonamide derivatives as inhibitors: in silico approach. <i>In Silico Pharmacology</i> , 2018 , 6, 4	4.3	7
220	Spectroscopic characterization, antimicrobial activity and molecular docking study of novel azo-imine functionalized sulphamethoxazoles. <i>Journal of Molecular Structure</i> , 2018 , 1155, 152-164	3.4	2
219	Platinum(II)-azoimidazole drugs against TB and cancer: Structural studies, cytotoxicity and anti-mycobacterial activity. <i>Polyhedron</i> , 2018 , 152, 1-10	2.7	4
218	A Ni(II) derivative incorporating tetradentate Schiff base precursor: Structure, spectral, electrochemical and DFT interpretation. <i>Journal of Molecular Structure</i> , 2018 , 1173, 462-468	3.4	4
217	High throughput screening against pantothenate synthetase identifies amide inhibitors against and. <i>In Silico Pharmacology</i> , 2018 , 6, 9	4.3	3
216	High Throughput Screening Based Highly Potent Sulfonylbenzamide Anti-diabetic Drug. <i>Current Drug Therapy</i> , 2018 , 13, 162-173	0.7	3
215	A visible light excitable chromone appended hydrazide chemosensor for sequential sensing of Al ³⁺ and F ⁻ in aqueous medium and in Vero cells. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 545-552	8.5	33
214	Structure, spectra and electrical conductivity of copper(I) and silver(I) phosphino bridging mixed ligand complexes with coumarinyl Schiff base. <i>Inorganica Chimica Acta</i> , 2018 , 469, 523-535	2.7	9
213	Supramolecular Assembly of a Zn(II)-Based 1D Coordination Polymer through Hydrogen Bonding and π - π Interactions: Crystal Structure and Device Applications. <i>ACS Omega</i> , 2018 , 3, 12060-12067	3.9	21
212	Use of rhodamine-allyl Schiff base in chemodosimetric processes for total palladium estimation and application in live cell imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 17351-17358	3.6	4
211	Polyaniline-multiwalled carbon nanotube (PANI-MWCNT): Room temperature resistive carbon monoxide (CO) sensor. <i>Synthetic Metals</i> , 2018 , 245, 182-189	3.6	50
210	Electrical property and Schottky behavior of a flexible Schiff-base compound: X-ray structure and stabilization of 1D water chain. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24744-24749	3.6	5

209	A multi-analyte responsive chemosensor vaniliny Schiff base: fluorogenic sensing of Zn(II), Cd(II) and Pb^{2+} . <i>New Journal of Chemistry</i> , 2018 , 42, 16653-16665	3.6	22
208	Highly selective and sensitive recognition of Zn(II) by a novel coumarinyl scaffold following spectrofluorometric technique and its application in living cells. <i>New Journal of Chemistry</i> , 2018 , 42, 16297-16306	3.6	16
207	Copper(II)-sulfonamide Schiff base complexes: Structure, biological activity and theoretical interpretation. <i>Polyhedron</i> , 2018 , 151, 344-354	2.7	18
206	Two isostructural linear coordination polymers: the size of the metal ion impacts the electrical conductivity. <i>New Journal of Chemistry</i> , 2018 , 42, 10309-10316	3.6	19
205	Photochemical Structural Transformation of a Linear 1D Coordination Polymer Impacts the Electrical Conductivity. <i>Inorganic Chemistry</i> , 2018 , 57, 8029-8032	5.1	55
204	Synthesis of a Cd(II) based 1D coordination polymer by in situ ligand generation and fabrication of a photosensitive electronic device. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 1998-2005	6.8	33
203	Aggregation induced emission enhancement (AIEE) of fluorenyl appended Schiff base : A turn on fluorescent probe for Al^{3+} , and its photovoltaic effect. <i>Journal of Luminescence</i> , 2017 , 181, 56-62	3.8	17
202	Synthesis, spectral elucidation, electrochemistry and DFT interpretation of manganese(II)-thioalkyl-arylazoimidazole complex. <i>Journal of Molecular Structure</i> , 2017 , 1133, 574-579	3.4	3
201	A zig-zag end-to-end azido bridged Mn(III) 1-D coordination polymer: Spectral elucidation, magnetism, redox study and biological activity. <i>Polyhedron</i> , 2017 , 127, 315-322	2.7	4
200	A rare cobalt(III) paramagnetic derivative incorporating 1-alkyl-2-[(o-thioalkyl)phenylazo]imidazole (SMeaiNET): EPR, redox and magnetic interpretation. <i>Inorganica Chimica Acta</i> , 2017 , 462, 75-81	2.7	3
199	Intercatenated Coordination Polymers (ICPs) of Carboxylato Bridged Zn(II)-Isoniazid and Their Electrical Conductivity. <i>Crystal Growth and Design</i> , 2017 , 17, 3267-3276	3.5	41
198	Antibacterial activities of sulfamethoxazolyl-azo-phenols and their Cu(II) complexes along with molecular docking properties. <i>Journal of Biological Inorganic Chemistry</i> , 2017 , 22, 833-850	3.7	5
197	A fluorescence 'turn-on' chemodosimeter for the specific detection of Pd by a rhodamine appended Schiff base and its application in live cell imaging. <i>Dalton Transactions</i> , 2017 , 46, 9245-9252	4.3	24
196	Macrocyclic aza-crown chromogenic reagent to Al^{3+} and fluorescence sensor for Zn^{2+} and Al^{3+} along with live cell application and logic operation. <i>Sensors and Actuators B: Chemical</i> , 2017 , 252, 257-267	8.5	22
195	Pyridylthioether-hydroxycoumarin Schiff base as selective Zn ²⁺ fluorescence sensor, application in life cell imaging and uses of resulting complex as secondary probe for ATP sensing. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 341, 97-107	4.7	21
194	Cation dependent charge transport in linear dicarboxylate based isotypical 1D coordination polymers. <i>RSC Advances</i> , 2017 , 7, 10369-10375	3.7	32
193	EPR interpretation, magnetism and biological study of a Cu(II) dinuclear complex assisted by a Schiff base precursor. <i>Journal of Biological Inorganic Chemistry</i> , 2017 , 22, 481-495	3.7	13
192	Synthesis and structural characterization of a Cu(II)-based 1D coordination polymer and its application in Schottky devices. <i>New Journal of Chemistry</i> , 2017 , 41, 11317-11323	3.6	22

191	Specific recognition of Cr under physiological conditions by allyl substituted appendage rhodamine and its cell-imaging studies. <i>Dalton Transactions</i> , 2017 , 46, 16516-16524	4.3	10
190	Cu(I)-N heterocyclic carbene complexes: Synthesis, catalysis and DFT studies. <i>Journal of Molecular Structure</i> , 2017 , 1127, 449-456	3.4	6
189	Spectroscopic characterization, antimicrobial activity, DFT computation and docking studies of sulfonamide Schiff bases. <i>Journal of Molecular Structure</i> , 2017 , 1127, 557-567	3.4	37
188	Halogen...Halogen Interactions in the Supramolecular Assembly of 2D Coordination Polymers and the CO ₂ Sorption Behavior. <i>Crystal Growth and Design</i> , 2016 , 16, 5514-5519	3.5	35
187	Lead(II) complexes of 1-alkyl-2-(arylo)imidazole: Synthesis, structure, photochromism and metallomesogenic properties. <i>Polyhedron</i> , 2016 , 117, 318-326	2.7	9
186	Structural elucidation, EPR and magnetic interpretation of lanthanide (Ln = La, Nd, Sm) compounds with 4,4'-bipyridine and 2-sulfoterephthalate. <i>Inorganica Chimica Acta</i> , 2016 , 453, 128-134	2.7	6
185	A New Cu(I) Coordination Polymer: Structural Elucidation, EPR and Sensing Studies for Detection of Volatile Organic Solvents. <i>ChemistrySelect</i> , 2016 , 1, 2192-2198	1.8	4
184	Coumarinyl thioether Schiff base as a turn-on fluorescent Zn(II) sensor and the complex as chemosensor for the selective recognition of ATP, along with its application in whole cell imaging. <i>RSC Advances</i> , 2016 , 6, 76505-76513	3.7	23
183	Spectroscopic characterization, photochromism and mesomorphism of cadmium(II)-1-alkyl-2-(arylo)imidazole complexes and DFT correlative studies. <i>Polyhedron</i> , 2016 , 117, 463-477	2.7	8
182	Coumarinyl azoimidazolyl complexes of osmium(II) hydridocarbonyls: spectroscopic and structural characterization, oxidation catalysis, photovoltaic effect and density functional theory computation. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 323-334	3.1	4
181	A rare doubly nitrate and phenoxido bridged trimetallic Cu(I) complex: EPR, antiferromagnetic coupling and theoretical rationalization. <i>RSC Advances</i> , 2016 , 6, 54856-54865	3.7	8
180	Vanillinyl thioether Schiff base as a turn-on fluorescence sensor to Zn ²⁺ ion with living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 287-294	8.5	50
179	The structural characterization and biological activity of sulfamethoxazolyl-azo-p-cresol, its copper(II) complex and their theoretical studies. <i>New Journal of Chemistry</i> , 2016 , 40, 5019-5031	3.6	14
178	Aggregation induced emission enhancement of pyrene-appended Schiff base luminophore and its photovoltaic effect. <i>Journal of Luminescence</i> , 2016 , 175, 44-49	3.8	5
177	Imine-functionalized thioether Zn(II) turn-on fluorescent sensor and its selective sequential logic operations with H ₂ PO ₄ ⁻ DFT computation and live cell imaging. <i>RSC Advances</i> , 2016 , 6, 53378-53388	3.7	24
176	Structures, antimicrobial activity, DNA interaction and molecular docking studies of sulfamethoxazolyl-azo-acetylacetone and its nickel(II) complex. <i>Polyhedron</i> , 2015 , 99, 77-86	2.7	13
175	Structure and photochromism of Zn(II) thiocyanato complexes of 1-alkyl-2-((o-thioalkyl)phenylazo)imidazole. <i>Polyhedron</i> , 2015 , 97, 240-247	2.7	4
174	The structure and photophysics of di-iodo-zinc(II) complexes of long alkyl chain substituted imidazolyl motif of arylazoimidazoles and the DFT computation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 151, 443-52	4.4	

173	An enolato-bridged dinuclear Cu(II) complex with a coumarin-assisted precursor: a spectral, magnetic and biological study. <i>New Journal of Chemistry</i> , 2015 , 39, 7309-7321	3.6	12
172	A Ni(II) dinuclear complex bridged by end-on azide-N and phenolate-O atoms: spectral interpretation, magnetism and biological study. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 749-762	6.8	17
171	Doubly end-on azido bridged mixed-valence cobalt trinuclear complex: Spectral study, VTM, inhibitory effect and antimycobacterial activity on human carcinoma and tuberculosis cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 148, 427-34	4.4	10
170	Fluorescence sensing and intracellular imaging of Al ³⁺ ions by using naphthalene based sulfonamide chemosensor: structure, computation and biological studies. <i>RSC Advances</i> , 2015 , 5, 73626-73638 ²⁹	2.7	29
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58	Mono- and binuclear cobalt(II)-azido complexes of arylazoimidazole: synthesis, spectral characterization, electrochemistry and crystal structure. <i>Polyhedron</i> , 2003 , 22, 2587-2594	2.7	50
57	1D and 2D network of ReO ₄ -bonded azoimidazoles. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 634-638	3.1	12
56	Coupling of Arylamines with Coordinated Arylazopyrimidines in Palladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1124-1131	2.3	32
55	Hydrogen bonded perrhenate-azoimidazoles. <i>Crystal Engineering</i> , 2002 , 5, 95-104		15
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53	Dimeric cyclopalladated azobenzenes: structural differences between 2-hydroxypyridine and 2-mercaptopyridine bridged complexes. <i>Journal of Organometallic Chemistry</i> , 2002 , 650, 202-209	2.3	11
52	The reactivity of the cis-RuCl ₂ fragment in Ru(P) ₂ (TaiMe)Cl ₂ with N,O; O,O and S,S-chelators (P = PPh ₃ ; TaiMe = 1-methyl-2-(p-tolylazo)imidazole). <i>Transition Metal Chemistry</i> , 2002 , 27, 218-222	2.1	3
51	Kinetics and mechanism of nucleophilic substitution of dichloro{1-methyl-2-(arylazo)imidazole}palladium(II) by pyridine bases. <i>Transition Metal Chemistry</i> , 2002 , 27, 639-645	2.1	4
50	Catecholato complexes of palladium(II)- π -naphthylazoimidazoles: synthesis, spectral characterization, electrochemistry and solvatochromic studies. <i>Transition Metal Chemistry</i> , 2002 , 27, 756-762	2.1	2
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43	Cyclopalladation versus hydroxylation. A case of pH dependence. <i>Journal of Organometallic Chemistry</i> , 2001 , 629, 28-38	2.3	50
42	Aryloimidazoleplatinum(II) complexes and their dioxolene derivatives: single crystal X-ray structure of (catecholato){1-ethyl-2-(p-tolylazo)-imidazole}platinum(II). <i>Inorganica Chimica Acta</i> , 2001 , 313, 21-29	2.7	44
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