

Luigi Messori

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.

336
papers

13,710
citations

62
h-index

96
g-index

353
ext. papers

15,001
ext. citations

5.1
avg. IF

6.5
L-index

#	Paper	IF	Citations
336	Auranofin and its analogs as prospective agents for the treatment of colorectal cancer.. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2022 , 5, 1-14	4.5	2
335	Redox proteome analysis of auranofin exposed ovarian cancer cells (A2780).. <i>Redox Biology</i> , 2022 , 52, 102294	11.3	1
334	Comparative reactivity of medicinal gold(I) compounds with the cyclic peptide vasopressin and its diselenide analogue. <i>Dalton Transactions</i> , 2021 , 50, 17487-17490	4.3	0
333	Direct detection of iron clusters in L ferritins through ESI-MS experiments. <i>Dalton Transactions</i> , 2021 , 50, 16464-16467	4.3	0
332	Anticancer effects against colorectal cancer models of chloro(triethylphosphine)gold(I) encapsulated in PLGA-PEG nanoparticles. <i>BioMetals</i> , 2021 , 34, 867-879	3.4	4
331	Cyclodextrin Inclusion Complexes of Auranofin and Its Iodido Analog: A Chemical and Biological Study. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
330	Ruthenium(II) 1,4,7-trithiacyclononane complexes of curcumin and bisdemethoxycurcumin: Synthesis, characterization, and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2021 , 218, 111387	4.2	1
329	Protein metalation by two structurally related gold(I) carbene complexes: An ESI MS study. <i>Inorganica Chimica Acta</i> , 2021 , 520, 120297	2.7	4
328	Kinetic and structural analysis of the inactivation of urease by mixed-ligand phosphine halide Ag(I) complexes. <i>Journal of Inorganic Biochemistry</i> , 2021 , 218, 111375	4.2	6
327	Auphen and Auoxo6, Two Dinuclear Oxo-Bridged Gold(III) Compounds, Induce Apoptotic Signaling in Human Ovarian A2780 Cancer Cells. <i>Biomedicines</i> , 2021 , 9,	4.8	2
326	The first step of arsenoplatin-1 aggregation in solution unveiled by solving the crystal structure of its protein adduct. <i>Dalton Transactions</i> , 2021 , 50, 68-71	4.3	3
325	Metallo therapeutics for COVID-19. Exploiting metal-based compounds for the discovery of new antiviral drugs. <i>Expert Opinion on Drug Discovery</i> , 2021 , 16, 39-46	6.2	22
324	NMR reveals the metabolic changes induced by auranofin in A2780 cancer cells: evidence for glutathione dysregulation. <i>Dalton Transactions</i> , 2021 , 50, 6349-6355	4.3	6
323	Arsenoplatin-Ferritin Nanocage: Structure and Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
322	Proteomics as a tool to disclose the cellular and molecular mechanisms of selected anticancer gold compounds. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213905	23.2	5
321	Reactions with Proteins of Three Novel Anticancer Platinum(II) Complexes Bearing N-Heterocyclic Ligands. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
320	Medicinal Au(I) compounds targeting urease as prospective antimicrobial agents: unveiling the structural basis for enzyme inhibition. <i>Dalton Transactions</i> , 2021 , 50, 14444-14452	4.3	4

319	A Role for Metal-Based Drugs in Fighting COVID-19 Infection? The Case of Auranofin. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1067-1068	4.3	26
318	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. <i>Inorganic Chemistry</i> , 2020 , 59, 7710-7720	5.1	8
317	Reactions of cisplatin and cis-[PtI(NH)] with molecular models of relevant protein sidechains: A comparative analysis. <i>Journal of Inorganic Biochemistry</i> , 2020 , 209, 111096	4.2	15
316	Protein interactions of dirhodium tetraacetate: a structural study. <i>Dalton Transactions</i> , 2020 , 49, 2412-2416	4.16	15
315	Synthesis, DNA binding studies, and antiproliferative activity of novel Pt(II)-complexes with an L-alanyl-based ligand. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110868	4.2	9
314	On the Different Mode of Action of Au(I)/Ag(I)-NHC Bis-Anthracenyl Complexes Towards Selected Target Biomolecules. <i>Molecules</i> , 2020 , 25,	4.8	5
313	Reactions of Medicinal Gold(III) Compounds With Proteins and Peptides Explored by Electrospray Ionization Mass Spectrometry and Complementary Biophysical Methods. <i>Frontiers in Chemistry</i> , 2020 , 8, 581648	5	17
312	Antiproliferative Properties of a Few Auranofin-Related Gold(I) and Silver(I) Complexes in Leukemia Cells and their Interferences with the Ubiquitin Proteasome System. <i>Molecules</i> , 2020 , 25,	4.8	4
311	Native mass spectrometry of human carbonic anhydrase I and its inhibitor complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2020 , 25, 979-993	3.7	5
310	Mechanistic Insights Into the Anticancer Properties of the Auranofin Analog Au(PET)I: A Theoretical and Experimental Study. <i>Frontiers in Chemistry</i> , 2020 , 8, 812	5	20
309	Protein Metalation by Inorganic Anticancer Drugs 2020 , 1-17		5
308	Structure-activity relationships in a series of auranofin analogues showing remarkable antiproliferative properties. <i>Journal of Inorganic Biochemistry</i> , 2020 , 208, 111079	4.2	17
307	ESI MS studies highlight the selective interaction of Auranofin with protein free thiols. <i>Dalton Transactions</i> , 2020 , 49, 5906-5913	4.3	30
306	The leading established metal-based drugs: a revisitiation of their relevant physico-chemical data. <i>BioMetals</i> , 2019 , 32, 813-817	3.4	7
305	Reaction with Proteins of a Five-Coordinate Platinum(II) Compound. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
304	NAMI-A and KP1019/1339, Two Iconic Ruthenium Anticancer Drug Candidates Face-to-Face: A Case Story in Medicinal Inorganic Chemistry. <i>Molecules</i> , 2019 , 24,	4.8	138
303	The electrochemical profiles of Auranofin and Aubipy, two representative medicinal gold compounds: A comparative study. <i>Journal of Inorganic Biochemistry</i> , 2019 , 198, 110714	4.2	2
302	Induction of a Four-Way Junction Structure in the DNA Palindromic Hexanucleotide 5?-d(CGTACG)-3? by a Mononuclear Platinum Complex. <i>Angewandte Chemie</i> , 2019 , 131, 9478-9482	3.6	4

301	Induction of a Four-Way Junction Structure in the DNA Palindromic Hexanucleotide 5Pd(CGTACG)-3Pby a Mononuclear Platinum Complex. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9378-9382	16.4	11
300	Arsenoplatin-1 Is a Dual Pharmacophore Anticancer Agent. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6453-6457	16.4	25
299	Replacement of the Thiosugar of Auranofin with Iodide Enhances the Anticancer Potency in a Mouse Model of Ovarian Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 656-660	4.3	40
298	Reactivity of CORM [RuII(CO)3Cl2{N3-(N1-methylbenzimidazole)}] with aminoacids. Synthesis, and analytical and structural study for the new binuclear cis-[RuI(CO)2(N3-MBI)(η -O,O-BAL)]2 sawhorse complex at solid state and in solution. <i>Journal of Molecular Structure</i> , 2019 , 1184, 479-486	3.4	
297	The cisplatin/serum albumin system: A reappraisal. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118983	2.7	13
296	Leaf Decoction of Carica papaya Combined with Artesunate Prevents Recrudescence in Plasmodium berghei-Infected Mice. <i>Planta Medica</i> , 2019 , 85, 934-940	3.1	4
295	Structural Characterization of a Gold/Serum Albumin Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 10616-10619	3.9	19
294	Time course of antioxidant enzymes in the paraquat-resistant and tolerant Heary fleabane (<i>Conyza bonariensis</i>) biotypes in response to ozone exposure and paraquat application. <i>International Journal of Biological and Chemical Sciences</i> , 2019 , 13, 802	0.3	
293	Structural and solution chemistry, antiproliferative effects, and serum albumin binding of three pseudohalide derivatives of auranofin. <i>BioMetals</i> , 2019 , 32, 939-948	3.4	6
292	Conjugates of Gold Nanoparticles and Antitumor Gold(III) Complexes as a Tool for Their AFM and SERS Detection in Biological Tissue. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	1
291	New platinum(II) and palladium(II) complexes with substituted terpyridine ligands: synthesis and characterization, cytotoxicity and reactivity towards biomolecules. <i>BioMetals</i> , 2019 , 32, 33-47	3.4	8
290	A Fluorescent Silver(I) Carbene Complex with Anticancer Properties: Synthesis, Characterization, and Biological Studies. <i>ChemMedChem</i> , 2019 , 14, 182-188	3.7	22
289	The Deceptively Similar Ruthenium(III) Drug Candidates KP1019 and NAMI-A Have Different Actions. What Did We Learn in the Past 30 Years?. <i>Metal Ions in Life Sciences</i> , 2018 , 18,	2.6	15
288	Reactions of a tetranuclear Pt-thiosemicarbazone complex with model proteins. <i>Journal of Inorganic Biochemistry</i> , 2018 , 181, 11-17	4.2	11
287	Synthesis, characterization and DNA interactions of [Pt(TPymT)Cl], the trinuclear platinum(II) complex of the TPymT ligand. <i>Journal of Inorganic Biochemistry</i> , 2018 , 183, 101-106	4.2	6
286	The NAMI A - human ferritin system: a biophysical characterization. <i>Dalton Transactions</i> , 2018 , 47, 11429-11437	4.1	19
285	Reactions of Auranofin and Its Pseudohalide Derivatives with Serum Albumin Investigated through ESI-Q-TOF MS. <i>Inorganic Chemistry</i> , 2018 , 57, 10507-10510	5.1	31
284	A case of extensive protein platination: the reaction of lysozyme with a Pt(ii)-terpyridine complex. <i>Dalton Transactions</i> , 2018 , 47, 8716-8723	4.3	16

283	Metallo-Drugs: Development and Action of Anticancer Agents 2018 ,		15
282	Antiproliferative effects of two gold(I)-N-heterocyclic carbene complexes in A2780 human ovarian cancer cells: a comparative proteomic study. <i>Oncotarget</i> , 2018 , 9, 28042-28068	3-3	40
281	Chlorido and bromido oxaliplatin analogues as potential agents for CRC treatment: Solution behavior, protein binding and cytotoxicity evaluation. <i>Inorganica Chimica Acta</i> , 2018 , 470, 318-324	2-7	5
280	Controlling with light the interaction between trans-tetrapyridyl ruthenium complexes and an oligonucleotide. <i>Dalton Transactions</i> , 2018 , 47, 507-516	4-3	6
279	The combined activation of K3.1 and inhibition of K11.1/hERG1 currents contribute to overcome Cisplatin resistance in colorectal cancer cells. <i>British Journal of Cancer</i> , 2018 , 118, 200-212	8-7	36
278	Interaction of a gold(i) dicarbene anticancer drug with human telomeric DNA G-quadruplex: solution and computationally aided X-ray diffraction analysis. <i>Dalton Transactions</i> , 2018 , 47, 16132-16138	4-3	27
277	Auranofin and its Analogues Show Potent Antimicrobial Activity against Multidrug-Resistant Pathogens: Structure-Activity Relationships. <i>ChemMedChem</i> , 2018 , 13, 2448-2454	3-7	33
276	Synthesis and Mode of Action Studies on Iridium(I)NHC Anticancer Drug Candidates. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2461-2470	2-3	16
275	Protein Metalation by Anticancer Metallodrugs: A Joint ESI MS and XRD Investigative Strategy. <i>Chemistry - A European Journal</i> , 2017 , 23, 6942-6947	4-8	56
274	Mass spectrometry and metallomics: A general protocol to assess stability of metallodrug-protein adducts in bottom-up MS experiments. <i>Talanta</i> , 2017 , 167, 30-38	6-2	25
273	Na/K-ATPase as a target for anticancer metal based drugs: insights into molecular interactions with selected gold(iii) complexes. <i>Metallomics</i> , 2017 , 9, 292-300	4-5	12
272	{Ru(CO)}-Core complexes with benzimidazole ligands: synthesis, X-ray structure and evaluation of anticancer activity in vivo. <i>Dalton Transactions</i> , 2017 , 46, 3025-3040	4-3	23
271	PtI(DACH), the iodido analogue of oxaliplatin as a candidate for colorectal cancer treatment: chemical and biological features. <i>Dalton Transactions</i> , 2017 , 46, 3311-3317	4-3	30
270	The fate of differently functionalized gold nanorods in human serum: A response from capillary electrophoresis-inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1499, 222-225	4-5	17
269	The influence of oxo-bridged binuclear gold(III) complexes on Na/K-ATPase activity: a joint experimental and theoretical approach. <i>Journal of Biological Inorganic Chemistry</i> , 2017 , 22, 819-832	3-7	6
268	Solution NMR Structure of a Ligand/Hybrid-2-G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7102-7106	16-4	36
267	Solution NMR Structure of a Ligand/Hybrid-2-G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie</i> , 2017 , 129, 7208-7212	3-6	16
266	Gold compounds as cysteine protease inhibitors: perspectives for pharmaceutical application as antiparasitic agents. <i>BioMetals</i> , 2017 , 30, 313-320	3-4	18

265	Protein metalation by metal-based drugs: X-ray crystallography and mass spectrometry studies. <i>Chemical Communications</i> , 2017 , 53, 11622-11633	5.8	47
264	Auranofin, EtPAuCl, and EtPAuI Are Highly Cytotoxic on Colorectal Cancer Cells: A Chemical and Biological Study. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 997-1001	4.3	62
263	Cisplatin Binding Sites in Human H-Chain Ferritin. <i>Inorganic Chemistry</i> , 2017 , 56, 9064-9070	5.1	19
262	[Au(9-methylcaffein-8-ylidene)] /DNA Tel23 System: Solution, Computational, and Biological Studies. <i>Chemistry - A European Journal</i> , 2017 , 23, 13784-13791	4.8	5
261	Diruthenium Diacetate Catalysed Aerobic Oxidation of Hydroxylamines and Improved Chemoselectivity by Immobilisation to Lysozyme. <i>ChemCatChem</i> , 2017 , 9, 4225-4230	5.2	6
260	ESI-MS studies of the reactions of novel platinum(II) complexes containing O,OPchelated acetylacetonate and sulfur ligands with selected model proteins. <i>BioMetals</i> , 2017 , 30, 609-614	3.4	11
259	Ru-Based CO releasing molecules with azole ligands: interaction with proteins and the CO release mechanism disclosed by X-ray crystallography. <i>Dalton Transactions</i> , 2017 , 46, 9621-9629	4.3	26
258	Cell and Cell-Free Mechanistic Studies on Two Gold(III) Complexes with Proven Antitumor Properties. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1737-1744	2.3	12
257	Selection and characterization of a human ovarian cancer cell line resistant to auranofin. <i>Oncotarget</i> , 2017 , 8, 96062-96078	3.3	29
256	Organogold(III) compounds as experimental anticancer agents: chemical and biological profiles. <i>BioMetals</i> , 2016 , 29, 863-72	3.4	17
255	Iridium(I) Compounds as Prospective Anticancer Agents: Solution Chemistry, Antiproliferative Profiles and Protein Interactions for a Series of Iridium(I) N-Heterocyclic Carbene Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 12487-94	4.8	66
254	Determinants for Tight and Selective Binding of a Medicinal Dicarbene Gold(I) Complex to a Telomeric DNA G-Quadruplex: a Joint ESI MS and XRD Investigation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4256-9	16.4	73
253	Cytotoxic properties of a new organometallic platinum(II) complex and its gold(I) heterobimetallic derivatives. <i>Dalton Transactions</i> , 2016 , 45, 579-90	4.3	33
252	Cisplatin binding to proteins: A structural perspective. <i>Coordination Chemistry Reviews</i> , 2016 , 315, 67-89	23.2	107
251	Cisplatin encapsulation within a ferritin nanocage: a high-resolution crystallographic study. <i>Chemical Communications</i> , 2016 , 52, 4136-9	5.8	50
250	Water-soluble Ru(II)- and Ru(III)-halide-PTA complexes (PTA=1,3,5-triaza-7-phosphaadamantane): Chemical and biological properties. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 180-8	4.2	21
249	Elucidating the reactivity of Pt(II) complexes with (O,S) bidentate ligands towards DNA model systems. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 198-209	4.2	12
248	Potent in vitro antiproliferative properties for a triplatinum cluster toward triple negative breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 318-322	4.2	5

247	Determinants for Tight and Selective Binding of a Medicinal Dicarbene Gold(I) Complex to a Telomeric DNA G-Quadruplex: a Joint ESI MS and XRD Investigation. <i>Angewandte Chemie</i> , 2016 , 128, 4328-4331	3.6	34
246	Cisplatin and its dibromido analogue: a comparison of chemical and biological profiles. <i>BioMetals</i> , 2016 , 29, 535-42	3.4	11
245	A first-in-class and a fished out anticancer platinum compound: cis-[PtCl ₂ (NH ₃) ₂] and cis-[PtI ₂ (NH ₃) ₂] compared for their reactivity towards DNA model systems. <i>Dalton Transactions</i> , 2016 , 45, 8587-600	4.3	29
244	Antiproliferative properties and biomolecular interactions of three Pd(II) and Pt(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016 , 165, 1-6	4.2	18
243	New gold carbene complexes as candidate anticancer agents. <i>BioMetals</i> , 2016 , 29, 905-11	3.4	22
242	Reactions of cytotoxic metallodrugs with lysozyme in pure DMSO explored through UV-Vis absorption spectroscopy and ESI MS. <i>BioMetals</i> , 2015 , 28, 425-30	3.4	4
241	Interactions of carboplatin and oxaliplatin with proteins: Insights from X-ray structures and mass spectrometry studies of their ribonuclease A adducts. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 136-142	4.3	36
240	cis-Pt I ₂ (NH ₃) ₂ : a reappraisal. <i>Dalton Transactions</i> , 2015 , 44, 14896-905	4.3	40
239	Structural evidences for a secondary gold binding site in the hydrophobic box of lysozyme. <i>BioMetals</i> , 2015 , 28, 745-54	3.4	13
238	Interaction of anticancer Ru(III) complexes with single stranded and duplex DNA model systems. <i>Dalton Transactions</i> , 2015 , 44, 13914-25	4.3	38
237	Speciation of metal-based nanomaterials in human serum characterized by capillary electrophoresis coupled to ICP-MS: a case study of gold nanoparticles. <i>Metallomics</i> , 2015 , 7, 1364-70	4.5	46
236	Oxaliplatin vs. cisplatin: competition experiments on their binding to lysozyme. <i>Dalton Transactions</i> , 2015 , 44, 10392-8	4.3	39
235	Tuning the interactions of PEG-coated gold nanorods with BSA and model proteins through insertion of amino or carboxylate groups. <i>Journal of Inorganic Biochemistry</i> , 2015 , 150, 120-5	4.2	9
234	Proteomic analysis of the cytotoxic effects induced by the organogold(III) complex Aubipyc in cisplatin-resistant A2780 ovarian cancer cells: further evidence for the glycolytic pathway implication. <i>Molecular BioSystems</i> , 2015 , 11, 1653-67		9
233	Design, synthesis and characterisation of new chimeric ruthenium(II)-gold(I) complexes as improved cytotoxic agents. <i>Dalton Transactions</i> , 2015 , 44, 11067-76	4.3	44
232	Reactions of model proteins with aurothiomalate, a clinically established gold(I) drug: The comparison with auranofin. <i>Journal of Inorganic Biochemistry</i> , 2015 , 149, 102-7	4.2	6
231	Cisplatin binding to human serum albumin: a structural study. <i>Chemical Communications</i> , 2015 , 51, 9436-9.8		93
230	Gold(III) complexes with hydroxyquinoline, aminoquinoline and quinoline ligands: Synthesis, cytotoxicity, DNA and protein binding studies. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 339-345	4.2	23

229	Interactions of the organogold(III) compound Aubipyc with the copper chaperone Atox1: a joint mass spectrometry and circular dichroism investigation. <i>BioMetals</i> , 2015 , 28, 1079-85	3-4	3
228	Platinum(II) Complexes with O,S Bidentate Ligands: Biophysical Characterization, Antiproliferative Activity, and Crystallographic Evidence of Protein Binding. <i>Inorganic Chemistry</i> , 2015 , 54, 8560-70	5-1	31
227	Interactions of selected gold(III) complexes with DNA G quadruplexes. <i>Dalton Transactions</i> , 2015 , 44, 3633-9	4-3	18
226	Evidence that the antiproliferative effects of auranofin in <i>Saccharomyces cerevisiae</i> arise from inhibition of mitochondrial respiration. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 65, 61-71	5-6	9
225	The X-ray structure of the primary adducts formed in the reaction between cisplatin and cytochrome c. <i>Chemical Communications</i> , 2015 , 51, 2559-61	5-8	30
224	Design and solid phase synthesis of new DOTA conjugated (+)-biotin dimers planned to develop molecular weight-tuned avidin oligomers. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3988-4001	3-9	6
223	Cytotoxic activity and protein binding through an unusual oxidative mechanism by an iridium(I)-NHC complex. <i>Chemical Communications</i> , 2015 , 51, 3151-3	5-8	39
222	Unusual structural features in the lysozyme derivative of the tetrakis(acetato)chloridodiruthenium(II,III) complex. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6172-5	16-4	43
221	Synthesis, spectroscopic and DFT structural characterization of two novel ruthenium(III) oxicam complexes. In vivo evaluation of anti-inflammatory and gastric damaging activities. <i>Journal of Inorganic Biochemistry</i> , 2014 , 134, 25-35	4-2	21
220	Nitrate as a probe of cytochrome c surface: crystallographic identification of crucial "hot spots" for protein-protein recognition. <i>Journal of Inorganic Biochemistry</i> , 2014 , 135, 58-67	4-2	11
219	Novel platinum(II) compounds with O,S bidentate ligands: synthesis, characterization, antiproliferative properties and biomolecular interactions. <i>Dalton Transactions</i> , 2014 , 43, 3072-86	4-3	26
218	NAMI-A is highly cytotoxic toward leukaemia cell lines: evidence of inhibition of KCa 3.1 channels. <i>Dalton Transactions</i> , 2014 , 43, 12150-5	4-3	29
217	Interactions of gold-based drugs with proteins: crystal structure of the adduct formed between ribonuclease A and a cytotoxic gold(III) compound. <i>Metallomics</i> , 2014 , 6, 233-6	4-5	39
216	Cisplatin binding to proteins: molecular structure of the ribonuclease a adduct. <i>Inorganic Chemistry</i> , 2014 , 53, 3929-31	5-1	53
215	Ruthenium metalation of proteins: the X-ray structure of the complex formed between NAMI-A and hen egg white lysozyme. <i>Dalton Transactions</i> , 2014 , 43, 6128-31	4-3	50
214	The X-ray structure of the complex formed in the reaction between oxaliplatin and lysozyme. <i>Chemical Communications</i> , 2014 , 50, 8360-2	5-8	35
213	Size dependent biological profiles of PEGylated gold nanorods. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6072-6080	7-3	34
212	Inhibition of Na(+)/K(+)-ATPase and cytotoxicity of a few selected gold(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2014 , 140, 228-35	4-2	9

211	Protein Recognition of Gold-Based Drugs: 3D Structure of the Complex Formed When Lysozyme Reacts with Aubipy(c.). <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 1110-3	4.3	27
210	Selected cytotoxic gold compounds cause significant inhibition of 20S proteasome catalytic activities. <i>Journal of Inorganic Biochemistry</i> , 2014 , 141, 79-82	4.2	22
209	Interactions between anticancer trans-platinum compounds and proteins: crystal structures and ESI-MS spectra of two protein adducts of trans-(dimethylamino)(methylamino)dichloridoplatinum(II). <i>Inorganic Chemistry</i> , 2014 , 53, 7806-8	5.1	25
208	Interactions of gold-based drugs with proteins: the structure and stability of the adduct formed in the reaction between lysozyme and the cytotoxic gold(III) compound Auoxo3. <i>Dalton Transactions</i> , 2014 , 43, 17483-8	4.3	36
207	Rapid purification of gold nanorods for biomedical applications. <i>MethodsX</i> , 2014 , 1, 118-123	1.9	25
206	Drug repositioning: auranofin as a prospective antimicrobial agent for the treatment of severe staphylococcal infections. <i>BioMetals</i> , 2014 , 27, 787-91	3.4	50
205	Insights on the mechanism of thioredoxin reductase inhibition by gold N-heterocyclic carbene compounds using the synthetic linear selenocysteine containing C-terminal peptide hTrxR(488-499): an ESI-MS investigation. <i>Journal of Inorganic Biochemistry</i> , 2014 , 136, 161-9	4.2	62
204	Proteomic analysis of A2780/S ovarian cancer cell response to the cytotoxic organogold(III) compound Aubipy(c). <i>Journal of Proteomics</i> , 2014 , 103, 103-20	3.9	30
203	Anticancer ruthenium(III) complex KP1019 interferes with ATP-dependent Ca ²⁺ translocation by sarco-endoplasmic reticulum Ca ²⁺ -ATPase (SERCA). <i>ChemMedChem</i> , 2014 , 9, 1660-4	3.7	15
202	Chemistry and biology of two novel gold(I) carbene complexes as prospective anticancer agents. <i>Inorganic Chemistry</i> , 2014 , 53, 2396-403	5.1	63
201	{Ru(CO) _x }-core complexes with selected azoles: Synthesis, X-ray structure, spectroscopy, DFT analysis and evaluation of cytotoxic activity against human cancer cells. <i>Polyhedron</i> , 2014 , 81, 227-237	2.7	18
200	Unusual Structural Features in the Lysozyme Derivative of the Tetrakis(acetato)chloridodiruthenium(II,III) Complex. <i>Angewandte Chemie</i> , 2014 , 126, 6286-6289	3.6	3
199	The mode of action of anticancer gold-based drugs: a structural perspective. <i>Chemical Communications</i> , 2013 , 49, 10100-2	5.8	66
198	Metal-based compounds as prospective antileishmanial agents: inhibition of trypanothione reductase by selected gold complexes. <i>ChemMedChem</i> , 2013 , 8, 1634-7	3.7	25
197	Butyltin(IV) benzoates: inhibition of thioredoxin reductase, tumor cell growth inhibition, and interactions with proteins. <i>ChemMedChem</i> , 2013 , 8, 256-64	3.7	23
196	Promising in Vitro anti-Alzheimer Properties for a Ruthenium(III) Complex. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 329-32	4.3	43
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