

Hamed Alborzinia

List of Publications by Year in descending order

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40
papers

2,439
citations

218592

26
h-index

289141

40
g-index

44
all docs

44
docs citations

44
times ranked

3153
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzimidazol-2-ylidene Gold(I) Complexes Are Thioredoxin Reductase Inhibitors with Multiple Antitumor Properties. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8608-8618.	2.9	301
2	Cellular Uptake, Cytotoxicity, and Metabolic Profiling of Human Cancer Cells Treated with Ruthenium(II) Polypyridyl Complexes [Ru(bpy) ₂ (Ni ξ N)]Cl ₂ with Ni ξ N=bpy, phen, dpq, dppz, and dppn. <i>ChemMedChem</i> , 2008, 3, 1104-1109.	1.6	251
3	Comparative in Vitro Evaluation of N-Heterocyclic Carbene Gold(I) Complexes of the Benzimidazolylidene Type. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8646-8657.	2.9	242
4	On the Biological Properties of Alkynyl Phosphine Gold(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8895-8899.	7.2	162
5	Evaluation of arene ruthenium(II) N-heterocyclic carbene complexes as organometallics interacting with thiol and selenol containing biomolecules. <i>Dalton Transactions</i> , 2013, 42, 1657-1666.	1.6	118
6	A TrxR inhibiting gold(I) NHC complex induces apoptosis through ASK1-p38-MAPK signaling in pancreatic cancer cells. <i>Molecular Cancer</i> , 2014, 13, 221.	7.9	95
7	A spontaneous gold(I)-azide alkyne cycloaddition reaction yields gold-peptide bioconjugates which overcome cisplatin resistance in a p53-mutant cancer cell line. <i>Chemical Science</i> , 2012, 3, 2062.	3.7	93
8	Golgi stress mediates redox imbalance and ferroptosis in human cells. <i>Communications Biology</i> , 2018, 1, 210.	2.0	89
9	Real-Time Monitoring of Cisplatin-Induced Cell Death. <i>PLoS ONE</i> , 2011, 6, e19714.	1.1	88
10	[N,N ξ -Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 711-725.	1.1	80
11	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re ^I Bisquinoline Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 2496-2507.	1.7	74
12	MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis. <i>Nature Cancer</i> , 2022, 3, 471-485.	5.7	73
13	Synthesis, Biological Activity, and Structure-Activity Relationships for Potent Cytotoxic Rhodium(III) Polypyridyl Complexes. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 3924-3933.	2.9	59
14	Gold(I) N-Heterocyclic Carbene Complexes with Naphthalimide Ligands as Combined Thioredoxin Reductase Inhibitors and DNA Intercalators. <i>ChemMedChem</i> , 2014, 9, 1794-1800.	1.6	58
15	Detailed analysis of pro-apoptotic signaling and metabolic adaptation triggered by a N-heterocyclic carbene-gold(I) complex. <i>Metallomics</i> , 2014, 6, 1591-1601.	1.0	53
16	Cellular impact and selectivity of half-sandwich organorhodium(III) anticancer complexes and their organoiridium(III) and trichloridorhodium(III) counterparts. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 631-646.	1.1	50
17	Rhodium(I) N-Heterocyclic Carbene Bioorganometallics as in Vitro Antiproliferative Agents with Distinct Effects on Cellular Signaling. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9591-9600.	2.9	44
18	Methylisoidingo preferentially kills cancer stem cells by interfering cell metabolism via inhibition of LKB1 and activation of AMPK in PDACs. <i>Molecular Oncology</i> , 2016, 10, 806-824.	2.1	43

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19	Cytotoxicity and cellular impact of dinuclear organoiridium DNA intercalators and nucleases with long rigid bridging ligands. Dalton Transactions, 2012, 41, 5587.	1.6	39
20	Cellular Selectivity and Biological Impact of Cytotoxic Rhodium(III) and Iridium(III) Complexes Containing Methyl-Substituted Phenanthroline Ligands. ChemMedChem, 2011, 6, 429-439.	1.6	37
21	From Catalysts to Bioactive Organometallics: Do Grubbs Catalysts Trigger Biological Effects?. ChemMedChem, 2011, 6, 2142-2145.	1.6	37
22	Quantitative kinetics analysis of BMP2 uptake into cells and its modulation by BMP antagonists. Journal of Cell Science, 2013, 126, 117-127.	1.2	35
23	Indirubin Derivatives Modulate TGF β 2/BMP Signaling at Different Levels and Trigger Ubiquitin-Mediated Depletion of Nonactivated R-Smads. Chemistry and Biology, 2012, 19, 1423-1436.	6.2	35
24	Golgi stress-induced transcriptional changes mediated by MAPK signaling and three ETS transcription factors regulate MCL1 splicing. Molecular Biology of the Cell, 2018, 29, 42-52.	0.9	31
25	1,25(OH)2D3 disrupts glucose metabolism in prostate cancer cells leading to a truncation of the TCA cycle and inhibition of TXNIP expression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1618-1630.	1.9	27
26	Structure-Activity Relationship of Trifluoromethyl-Containing Metallocenes: Electrochemistry, Lipophilicity, Cytotoxicity, and ROS Production. ChemMedChem, 2014, 9, 1188-1194.	1.6	25
27	Highly cytotoxic substitutionally inert rhodium(III) tris(chelate) complexes: DNA binding modes and biological impact on human cancer cells. Journal of Inorganic Biochemistry, 2011, 105, 991-999.	1.5	23
28	Vesicular disruption of lysosomal targeting organometallic polyarginine bioconjugates. Metallomics, 2015, 7, 371-384.	1.0	22
29	Ethanol sensitizes hepatocytes for TGF- β 2-triggered apoptosis. Cell Death and Disease, 2018, 9, 51.	2.7	20
30	Ethyl 2-((4-Chlorophenyl)amino)thiazole-4-carboxylate and Derivatives Are Potent Inducers of Oct3/4. Journal of Medicinal Chemistry, 2015, 58, 5742-5750.	2.9	19
31	Synthesis and cellular impact of diene-ruthenium(II) complexes: A new class of organoruthenium anticancer agents. Journal of Inorganic Biochemistry, 2012, 106, 126-133.	1.5	15
32	Identification of 2-[4-[(4-Methoxyphenyl)methoxy]-phenyl]acetonitrile and Derivatives as Potent Oct3/4 Inducers. Journal of Medicinal Chemistry, 2015, 58, 4976-4983.	2.9	15
33	Antileukemic activity and cellular effects of rhodium(III) crown thiaether complexes. BioMetals, 2011, 24, 645-661.	1.8	13
34	Evolving Insights on Metabolism, Autophagy, and Epigenetics in Liver Myofibroblasts. Frontiers in Physiology, 2016, 7, 191.	1.3	13
35	The Plant Decapeptide OSIP108 Can Alleviate Mitochondrial Dysfunction Induced by Cisplatin in Human Cells. Molecules, 2014, 19, 15088-15102.	1.7	4
36	Ferroptosis: Concepts and Definitions. Advances in Experimental Medicine and Biology, 2021, 1301, 1-5.	0.8	3

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37	Continuous multiparametric monitoring of cell metabolism in response to transient overexpression of the sirtuin deacetylase SIRT3. <i>Clinical Epigenetics</i> , 2010, 1, 55-60.	1.8	2
38	<scp>BMP2</scp> Transfer to Neighboring Cells and Activation of Signaling. <i>Traffic</i> , 2016, 17, 1042-1053.	1.3	2
39	Modified STAP conditions facilitate bivalent fate decision between pluripotency and apoptosis in Jurkat T-lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 585-591.	1.0	2
40	Effect of hCG on Rat Endometrium at Preimplantation Stage. <i>Journal of Applied Animal Research</i> , 2008, 33, 89-92.	0.4	0