Hamed Alborzinia

List of Publications by Year
in descending order

40 papers	2,439 citations	218677 26 h-index	289244 40 g-index
44 all docs	44 docs citations	44 times ranked	3153 citing authors

#	Article	IF	Citations
1	MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis. Nature Cancer, 2022, 3, 471-485.	13.2	73
2	Ferroptosis: Concepts and Definitions. Advances in Experimental Medicine and Biology, 2021, 1301, 1-5.	1.6	3
3	Ethanol sensitizes hepatocytes for TGF-Î²-triggered apoptosis. Cell Death and Disease, 2018, 9, 51.	6.3	20
4	Golgi stressâ€"induced transcriptional changes mediated by MAPK signaling and three ETS transcription factors regulate MCL1 splicing. Molecular Biology of the Cell, 2018, 29, 42-52.	2.1	31
5	Golgi stress mediates redox imbalance and ferroptosis in human cells. Communications Biology, 2018, 1, 210.	4.4	89
6	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.	4.1	27
7	Evolving Insights on Metabolism, Autophagy, and Epigenetics in Liver Myofibroblasts. Frontiers in Physiology, 2016, 7, 191.	2.8	13
8	<scp>BMP2</scp> Transfer to Neighboring Cells and Activation of Signaling. Traffic, 2016, 17, 1042-1053.	2.7	2
9	Modified STAP conditions facilitate bivalent fate decision between pluripotency and apoptosis in Jurkat T-lymphocytes. Biochemical and Biophysical Research Communications, 2016, 472, 585-591.	2.1	2
10	Methylisoindigo preferentially kills cancer stem cells by interfering cell metabolism via inhibition of LKB1 and activation of AMPK in PDACs. Molecular Oncology, 2016, 10, 806-824.	4.6	43
11	Rhodium(I) N-Heterocyclic Carbene Bioorganometallics as in Vitro Antiproliferative Agents with Distinct Effects on Cellular Signaling. Journal of Medicinal Chemistry, 2015, 58, 9591-9600.	6.4	44
12	Vesicular disruption of lysosomal targeting organometallic polyarginine bioconjugates. Metallomics, 2015, 7, 371-384.	2.4	22
13	Ethyl 2-((4-Chlorophenyl)amino)thiazole-4-carboxylate and Derivatives Are Potent Inducers of Oct3/4. Journal of Medicinal Chemistry, 2015, 58, 5742-5750.	6.4	19
14	Identification of 2-[4-[(4-Methoxyphenyl)methoxy]-phenyl]acetonitrile and Derivatives as Potent Oct3/4 Inducers. Journal of Medicinal Chemistry, 2015, 58, 4976-4983.	6.4	15
15	The Plant Decapeptide OSIP108 Can Alleviate Mitochondrial Dysfunction Induced by Cisplatin in Human Cells. Molecules, 2014, 19, 15088-15102.	3.8	4
16	A TrxR inhibiting gold(I) NHC complex induces apoptosis through ASK1-p38-MAPK signaling in pancreatic cancer cells. Molecular Cancer, 2014, 13, 221.	19.2	95
17	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re^I Bisquinoline Complex. Chemistry - A European Journal, 2014, 20, 2496-2507.	3.3	74
18	Gold(I) Nâ€Heterocyclic Carbene Complexes with Naphthalimide Ligands as Combined Thioredoxin Reductase Inhibitors and DNA Intercalators. ChemMedChem, 2014, 9, 1794-1800.	3.2	58

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19	Structureâ€“Activity Relationship of Trifluoromethylâ€Containing Metallocenes: Electrochemistry, Lipophilicity, Cytotoxicity, and ROS Production. ChemMedChem, 2014, 9, 1188-1194.	3.2	25
20	Detailed analysis of pro-apoptotic signaling and metabolic adaptation triggered by a N-heterocyclic carbeneâ€“gold(<scp>i</scp>) complex. Metallomics, 2014, 6, 1591-1601.	2.4	53
21	Quantitative kinetics analysis of BMP2 uptake into cells and its modulation by BMP antagonists. Journal of Cell Science, 2013, 126, 117-127.	2.0	35
22	Evaluation of arene ruthenium(<scp>ii</scp>) N-heterocyclic carbene complexes as organometallics interacting with thiol and selenol containing biomolecules. Dalton Transactions, 2013, 42, 1657-1666.	3.3	118
23	Indirubin Derivatives Modulate TGFÎ²/BMP Signaling at Different Levels and Trigger Ubiquitin-Mediated Depletion of Nonactivated R-Smads. Chemistry and Biology, 2012, 19, 1423-1436.	6.0	35
24	Cytotoxicity and cellular impact of dinuclear organoiridium DNA intercalators and nucleases with long rigid bridging ligands. Dalton Transactions, 2012, 41, 5587.	3.3	39
25	A spontaneous gold(i)-azide alkyne cycloaddition reaction yields gold-peptide bioconjugates which overcome cisplatin resistance in a p53-mutant cancer cell line. Chemical Science, 2012, 3, 2062.	7.4	93
26	On the Biological Properties of Alkynyl Phosphine Gold(I) Complexes. Angewandte Chemie - International Edition, 2012, 51, 8895-8899.	13.8	162
27	Cellular impact and selectivity of half-sandwich organorhodium(III) anticancer complexes and their organoiridium(III) and trichloridorhodium(III) counterparts. Journal of Biological Inorganic Chemistry, 2012, 17, 631-646.	2.6	50
28	Synthesis and cellular impact of dieneâ€“ruthenium(II) complexes: A new class of organoruthenium anticancer agents. Journal of Inorganic Biochemistry, 2012, 106, 126-133.	3.5	15
29	Comparative in Vitro Evaluation of N-Heterocyclic Carbene Gold(I) Complexes of the Benzimidazolylidene Type. Journal of Medicinal Chemistry, 2011, 54, 8646-8657.	6.4	242
30	Antileukemic activity and cellular effects of rhodium(III) crown thiaether complexes. BioMetals, 2011, 24, 645-661.	4.1	13
31	Cellular Selectivity and Biological Impact of Cytotoxic Rhodium(III) and Iridium(III) Complexes Containing Methylâ€Substituted Phenanthroline Ligands. ChemMedChem, 2011, 6, 429-439.	3.2	37
32	From Catalysts to Bioactive Organometallics: Do Grubbs Catalysts Trigger Biological Effects?. ChemMedChem, 2011, 6, 2142-2145.	3.2	37
33	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.	3.5	23
34	Real-Time Monitoring of Cisplatin-Induced Cell Death. PLoS ONE, 2011, 6, e19714.	2.5	88
35	Continuous multiparametric monitoring of cell metabolism in response to transient overexpression of the sirtuin deacetylase SIRT3. Clinical Epigenetics, 2010, 1, 55-60.	4.1	2
36	Benzimidazol-2-ylidene Gold(I) Complexes Are Thioredoxin Reductase Inhibitors with Multiple Antitumor Properties. Journal of Medicinal Chemistry, 2010, 53, 8608-8618.	6.4	301

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37	[N,Nâ€²-Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. Journal of Biological Inorganic Chemistry, 2009, 14, 711-725.	2.6	80
38	Cellular Uptake, Cytotoxicity, and Metabolic Profiling of Human Cancer Cells Treated with Ruthenium(II) Polypyridyl Complexes [Ru(bpy)₂(Nï£¿N)]Cl₂ with Nï£¿N=bpy, phen, dpq, dppz, and dppn. ChemMedChem, 2008, 3, 1104-1109.	3.2	251
39	Synthesis, Biological Activity, and Structureâˆ’Activity Relationships for Potent Cytotoxic Rhodium(III) Polypyridyl Complexes. Journal of Medicinal Chemistry, 2008, 51, 3924-3933.	6.4	59
40	Effect of hCG on Rat Endometrium at Preimplantation Stage. Journal of Applied Animal Research, 2008, 33, 89-92.	1.2	0