

# Hamed Alborzinia

## List of Publications by Year in descending order

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Version: 2024-02-01

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	MYCN mediates cysteine addiction and sensitizes neuroblastoma to ferroptosis. <i>Nature Cancer</i> , 2022, 3, 471-485.	5.7	73
2	Ferroptosis: Concepts and Definitions. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1301, 1-5.	0.8	3
3	Ethanol sensitizes hepatocytes for TGF- $\beta$ -triggered apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 51.	2.7	20
4	Golgi stress-induced transcriptional changes mediated by MAPK signaling and three ETS transcription factors regulate MCL1 splicing. <i>Molecular Biology of the Cell</i> , 2018, 29, 42-52.	0.9	31
5	Golgi stress mediates redox imbalance and ferroptosis in human cells. <i>Communications Biology</i> , 2018, 1, 210.	2.0	89
6	1,25(OH) $_2$ D $_3$ disrupts glucose metabolism in prostate cancer cells leading to a truncation of the TCA cycle and inhibition of TXNIP expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1618-1630.	1.9	27
7	Evolving Insights on Metabolism, Autophagy, and Epigenetics in Liver Myofibroblasts. <i>Frontiers in Physiology</i> , 2016, 7, 191.	1.3	13
8	<sc>BMP2</sc> Transfer to Neighboring Cells and Activation of Signaling. <i>Traffic</i> , 2016, 17, 1042-1053.	1.3	2
9	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
10	Methylisoidigo 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
11	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
12	Vesicular disruption of lysosomal targeting organometallic polyarginine bioconjugates. <i>Metallomics</i> , 2015, 7, 371-384.	1.0	22
13	Ethyl 2-((4-Chlorophenyl)amino)thiazole-4-carboxylate and Derivatives Are Potent Inducers of Oct3/4. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5742-5750.	2.9	19
14	Identification of 2-[4-[(4-Methoxyphenyl)methoxy]-phenyl]acetonitrile and Derivatives as Potent Oct3/4 Inducers. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4976-4983.	2.9	15
15	The Plant Decapeptide OSIP108 Can Alleviate Mitochondrial Dysfunction Induced by Cisplatin in Human Cells. <i>Molecules</i> , 2014, 19, 15088-15102.	1.7	4
16	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
17	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re <sup>I</sup> Bisquinoline Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 2496-2507.	1.7	74
18	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

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19	Structure-Activity Relationship of Trifluoromethyl-Containing Metallocenes: Electrochemistry, Lipophilicity, Cytotoxicity, and ROS Production. <i>ChemMedChem</i> , 2014, 9, 1188-1194.	1.6	25
20	Detailed analysis of pro-apoptotic signaling and metabolic adaptation triggered by a N-heterocyclic carbene-gold complex. <i>Metallomics</i> , 2014, 6, 1591-1601.	1.0	53
21	Quantitative kinetics analysis of BMP2 uptake into cells and its modulation by BMP antagonists. <i>Journal of Cell Science</i> , 2013, 126, 117-127.	1.2	35
22	Evaluation of arene ruthenium N-heterocyclic carbene complexes as organometallics interacting with thiol and selenol containing biomolecules. <i>Dalton Transactions</i> , 2013, 42, 1657-1666.	1.6	118
23	Indirubin Derivatives Modulate TGF $\beta$ 2/BMP Signaling at Different Levels and Trigger Ubiquitin-Mediated Depletion of Nonactivated R-Smads. <i>Chemistry and Biology</i> , 2012, 19, 1423-1436.	6.2	35
24	Cytotoxicity and cellular impact of dinuclear organoiridium DNA intercalators and nucleases with long rigid bridging ligands. <i>Dalton Transactions</i> , 2012, 41, 5587.	1.6	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. <i>Chemical Science</i> , 2012, 3, 2062.	3.7	93
26	On the Biological Properties of Alkynyl Phosphine Gold(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8895-8899.	7.2	162
27	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
28	Synthesis and cellular impact of diene-ruthenium(II) complexes: A new class of organoruthenium anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2012, 106, 126-133.	1.5	15
29	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
30	Antileukemic activity and cellular effects of rhodium(III) crown thiaether complexes. <i>BioMetals</i> , 2011, 24, 645-661.	1.8	13
31	Cellular Selectivity and Biological Impact of Cytotoxic Rhodium(III) and Iridium(III) Complexes Containing Methyl-Substituted Phenanthroline Ligands. <i>ChemMedChem</i> , 2011, 6, 429-439.	1.6	37
32	From Catalysts to Bioactive Organometallics: Do Grubbs Catalysts Trigger Biological Effects?. <i>ChemMedChem</i> , 2011, 6, 2142-2145.	1.6	37
33	Highly cytotoxic substitutionally inert rhodium(III) tris(chelate) complexes: DNA binding modes and biological impact on human cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 991-999.	1.5	23
34	Real-Time Monitoring of Cisplatin-Induced Cell Death. <i>PLoS ONE</i> , 2011, 6, e19714.	1.1	88
35	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
36	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

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37	[N,N'-Bis(salicylidene)-1,2-phenylenediamine]metal complexes with cell death promoting properties. Journal of Biological Inorganic Chemistry, 2009, 14, 711-725.	1.1	80
38	Cellular Uptake, Cytotoxicity, and Metabolic Profiling of Human Cancer Cells Treated with Ruthenium(II) Polypyridyl Complexes [Ru(bpy) <sub>2</sub> (Ni $\xi$ N)]Cl <sub>2</sub> with Ni $\xi$ N=bpy, phen, dpq, dppz, and dppn. ChemMedChem, 2008, 3, 1104-1109.	1.6	251
39	Synthesis, Biological Activity, and Structure-Activity Relationships for Potent Cytotoxic Rhodium(III) Polypyridyl Complexes. Journal of Medicinal Chemistry, 2008, 51, 3924-3933.	2.9	59
40	Effect of hCG on Rat Endometrium at Preimplantation Stage. Journal of Applied Animal Research, 2008, 33, 89-92.	0.4	0