

# Farangis Ataei

## List of Publications by Year in descending order

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27  
papers

799  
citations

687363

13  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1251  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-100 shuttled by mesenchymal stem cell-derived exosomes suppresses in vitro angiogenesis through modulating the mTOR/HIF-1 $\alpha$ /VEGF signaling axis in breast cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 457-470.	4.4	264
2	Chitosan Immobilization on Bio-MOF Nanostructures: A Biocompatible pH-Responsive Nanocarrier for Doxorubicin Release on MCF-7 Cell Lines of Human Breast Cancer. <i>Inorganic Chemistry</i> , 2018, 57, 13364-13379.	4.0	122
3	A Luminescent Amine-Functionalized Metal-Organic Framework Conjugated with Folic Acid as a Targeted Biocompatible pH-Responsive Nanocarrier for Apoptosis Induction in Breast Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 45442-45454.	8.0	69
4	Design and development of a whole-cell luminescent biosensor for detection of early-stage of apoptosis. <i>Biosensors and Bioelectronics</i> , 2012, 38, 362-368.	10.1	59
5	A novel luminescent biosensor for rapid monitoring of IP3 by split-luciferase complementary assay. <i>Biosensors and Bioelectronics</i> , 2013, 41, 642-648.	10.1	37
6	The ENPP1 K121Q polymorphism is not associated with type 2 diabetes and related metabolic traits in an Iranian population. <i>Molecular and Cellular Biochemistry</i> , 2011, 350, 113-118.	3.1	21
7	Synthesis, crystal structure and Hirshfeld surface analysis of copper(II) complexes: DNA- and BSA-binding, molecular modeling, cell imaging and cytotoxicity. <i>Polyhedron</i> , 2016, 119, 23-38.	2.2	21
8	XIAP as a multifaceted molecule in Cellular Signaling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 441-453.	4.9	21
9	Insufficient Apaf-1 expression in early stages of neural differentiation of human embryonic stem cells might protect them from apoptosis. <i>European Journal of Cell Biology</i> , 2018, 97, 126-135.	3.6	20
10	Luciferin-Regenerating Enzyme Mediates Firefly Luciferase Activation Through Direct Effects of D-Cysteine on Luciferase Structure and Activity. <i>Photochemistry and Photobiology</i> , 2015, 91, 828-836.	2.5	15
11	Tris-chelated complexes of nickel(II) with bipyridine derivatives: DNA binding and cleavage, BSA binding, molecular docking, and cytotoxicity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3887-3904.	3.5	15
12	Bifunctional role of leucine 300 of firefly luciferase in structural rigidity. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 67-74.	7.5	14
13	Treating MCF7 breast cancer cell with proteasome inhibitor Bortezomib restores apoptotic factors and sensitizes cell to Docetaxel. <i>Medical Oncology</i> , 2021, 38, 64.	2.5	14
14	Limited Proteolysis of Luciferase as a Reporter in Nanosystem Biology: A Comparative Study. <i>Photochemistry and Photobiology</i> , 2009, 85, 1162-1167.	2.5	13
15	Luciferase protection against proteolytic degradation: A key for improving signal in nano-system biology. <i>Journal of Biotechnology</i> , 2009, 144, 83-88.	3.8	11
16	Increase of Bacillus badius Phenylalanine dehydrogenase specificity towards phenylalanine substrate by site-directed mutagenesis. <i>Archives of Biochemistry and Biophysics</i> , 2017, 635, 44-51.	3.0	11
17	Design of a remote-control drug delivery implantable chip for cancer local on demand therapy using ionic polymer metal composite actuator. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 86, 250-256.	3.1	11
18	Impact of trifluoroethanol-induced structural changes on luciferase cleavage sites. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 144, 1-7.	3.8	9

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19	Upregulation of apoptotic protease activating factor-1 expression correlates with anti-tumor effect of taxane drug. <i>Medical Oncology</i> , 2021, 38, 88.	2.5	9
20	The effects of ovarian cancer cell-derived exosomes on vascular endothelial growth factor expression in endothelial cells. <i>EXCLI Journal</i> , 2019, 18, 899-907.	0.7	9
21	Effects of doxorubicin and docetaxel on susceptibility to apoptosis in high expression level of survivin in HEK and HEK-S cell lines as in vitro models. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 139-144.	2.1	8
22	Luciferin-Regenerating Enzyme Crystal Structure Is Solved but its Function Is Still Unclear. <i>Photochemistry and Photobiology</i> , 2017, 93, 429-435.	2.5	7
23	Efficient Stable Cell Line Generation of Survivin as an In Vitro Model for Specific Functional Analysis in Apoptosis and Drug Screening. <i>Molecular Biotechnology</i> , 2021, 63, 515-524.	2.4	7
24	Experimental and theoretical study of IBC domain from human IP3R2; molecular cloning, bacterial expression and protein purification. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1321-1327.	7.5	6
25	Mutation of conserved residues K329 and R330 on the surface of firefly luciferase: Effect on proteolytic degradation. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 324-330.	7.5	3
26	Effect of mutation at positively charged residues (K329 and R330) in a flexible region of firefly luciferase on structure and kinetic properties. <i>Enzyme and Microbial Technology</i> , 2019, 131, 109424.	3.2	2
27	Inhibition of noncaspase proteases, calpain and proteasome, via ALLN and Bortezomib contributes to cell death through low degradation of pro-/anti-apoptotic proteins and apoptosis induction. , 2022, 39, .		1