

Behnam Kamalidehghan

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,912
citations

279798

23
h-index

276875

41
g-index

69
all docs

69
docs citations

69
times ranked

3457
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive overview on osteoporosis and its risk factors. Therapeutics and Clinical Risk Management, 2018, Volume 14, 2029-2049.	2.0	237
2	Receptor tyrosine kinase (c-Kit) inhibitors: a potential therapeutic target in cancer cells. Drug Design, Development and Therapy, 2016, Volume 10, 2443-2459.	4.3	191
3	Involvement of NF- κ B and Bcl2/Bax signaling pathways in the apoptosis of MCF7 cells induced by a xanthone compound Pyranocycloartobiloxanthone A. Phytomedicine, 2012, 19, 1007-1015.	5.3	111
4	Is Bax/Bcl-2 ratio considered as a prognostic marker with age and tumor location in colorectal cancer?. Iranian Biomedical Journal, 2015, 19, 69-75.	0.7	100
5	Thymoquinone Induces Mitochondria-Mediated Apoptosis in Acute Lymphoblastic Leukaemia in Vitro. Molecules, 2013, 18, 11219-11240.	3.8	80
6	Synthesis, characterization and apoptotic activity of quinazolinone Schiff base derivatives toward MCF-7 cells via intrinsic and extrinsic apoptosis pathways. Scientific Reports, 2015, 5, 11544.	3.3	71
7	Dentatin isolated from <i>Clauseana excavata</i> induces apoptosis in MCF-7 cells through the intrinsic pathway with involvement of NF- κ B signalling and G0/G1 cell cycle arrest: A bioassay-guided approach. Journal of Ethnopharmacology, 2013, 145, 343-354.	4.1	47
8	Anticancer activity of a monobenzyltin complex C1 against MDA-MB-231 cells through induction of Apoptosis and inhibition of breast cancer stem cells. Scientific Reports, 2016, 6, 38992.	3.3	47
9	Anti-Ulcerogenic Effect of Methanolic Extracts from <i>Enicosanthellum pulchrum</i> (King) Heusden against Ethanol-Induced Acute Gastric Lesion in Animal Models. PLoS ONE, 2014, 9, e111925.	2.5	44
10	Evaluation of cytotoxic and chemotherapeutic properties of boldine in breast cancer using in vitro and in vivo models. Drug Design, Development and Therapy, 2014, 8, 719.	4.3	38
11	Induction of selective cytotoxicity and apoptosis in human T4-lymphoblastoid cell line (CEMss) by boesenbergin a isolated from <i>boesenbergia rotunda</i> rhizomes involves mitochondrial pathway, activation of caspase 3 and G2/M phase cell cycle arrest. BMC Complementary and Alternative Medicine, 2013, 13, 41.	3.7	35
12	Two Novel Tyrosinase (TYR) Gene Mutations with Pathogenic Impact on Oculocutaneous Albinism Type 1 (OCA1). PLoS ONE, 2014, 9, e106656.	2.5	34
13	Comparative analysis of essential oil composition of Iranian and Indian <i>Nigella sativa</i> L. extracted using supercritical fluid extraction and solvent extraction. Drug Design, Development and Therapy, 2017, Volume 11, 2221-2226.	4.3	34
14	Boesenbergin A, a chalcone from <i>Boesenbergia rotunda</i> induces apoptosis via mitochondrial dysregulation and cytochrome c release in A549 cells in vitro: Involvement of HSP70 and Bcl2/Bax signalling pathways. Journal of Functional Foods, 2013, 5, 87-97.	3.4	32
15	Gene Expression Profiling of Mitochondrial Oxidative Phosphorylation (OXPHOS) Complex I in Friedreich Ataxia (FRDA) Patients. PLoS ONE, 2014, 9, e94069.	2.5	32
16	Oral consumption of α -linolenic acid increases serum BDNF levels in healthy adult humans. Nutrition Journal, 2015, 14, 20.	3.4	32
17	Chemopreventive Evaluation of a Schiff Base Derived Copper (II) Complex against Azoxymethane-Induced Colorectal Cancer in Rats. PLoS ONE, 2014, 9, e91246.	2.5	32
18	The Importance of Small Non-Coding RNAs in Human Reproduction: A Review Article. The Application of Clinical Genetics, 2020, Volume 13, 1-11.	3.0	31

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19	Synthesis, structural characterization, and anticancer activity of a monobenzyltin compound against MCF-7 breast cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6191.	4.3	29
20	PASS-Predicted Hepatoprotective Activity of <i>Caesalpinia sappan</i> in Thioacetamide-Induced Liver Fibrosis in Rats. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	26
21	The mitochondrial ATPase6 gene is more susceptible to mutation than the ATPase8 gene in breast cancer patients. <i>Cancer Cell International</i> , 2014, 14, 21.	4.1	26
22	Tribenzyltin carboxylates as anticancer drug candidates: Effect on the cytotoxicity, motility and invasiveness of breast cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 770-783.	5.5	26
23	Prevalence of the CYP2C19*2 (681 G>A), *3 (636 G>A) and *17 (â€ˆ806 C>T) alleles among an Iranian population of different ethnicities. <i>Molecular Medicine Reports</i> , 2018, 17, 4195-4202.	2.4	26
24	Gastroprotection Studies of Schiff Base Zinc (II) Derivative Complex against Acute Superficial Hemorrhagic Mucosal Lesions in Rats. <i>PLoS ONE</i> , 2013, 8, e75036.	2.5	26
25	Î”mtDNA4977 Is More Common in Non-tumoral Cells from Gastric Cancer Sample. <i>Archives of Medical Research</i> , 2006, 37, 730-735.	3.3	24
26	<p>SLC30A8, CDKAL1, TCF7L2, KCNQ1 and IGF2BP2 are Associated with Type 2 Diabetes Mellitus in Iranian Patients<p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 897-906.	2.4	24
27	The mitochondrial C16069T polymorphism, not mitochondrial D310 (D-loop) mononucleotide sequence variations, is associated with bladder cancer. <i>Cancer Cell International</i> , 2013, 13, 120.	4.1	23
28	α-Mangostin from <i>Cratoxylum arborescens</i> demonstrates apoptogenesis in MCF-7 with regulation of NF-κB and Hsp70 protein modulation in vitro, and tumor reduction in vivo. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1629.	4.3	23
29	A Phenylbutenoid Dimer, <i>cis</i> -3-(3â€²,4â€²-Dimethoxyphenyl)-4-[(<i>E</i>)-3â€²,4â€²-Dimethoxystyryl] Cyclohex-1-ene, Exhibits Apoptogenic Properties in T-Acute Lymphoblastic Leukemia Cells via Induction of p53-Independent Mitochondrial Signalling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	1.2	22
30	Formulation and In Vitro, In Vivo Evaluation of Effervescent Floating Sustained-Release Imatinib Mesylate Tablet. <i>PLoS ONE</i> , 2015, 10, e0126874.	2.5	22
31	Koenimbin, a natural dietary compound of <i>Murraya koenigii</i> (L) Spreng: inhibition of MCF7 breast cancer cells and targeting of derived MCF7 breast cancer stem cells (CD44+/CD24-/low): an in vitro study. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1193.	4.3	22
32	Inhibition of human prostate cancer (PC-3) cells and targeting of PC-3-derived prostate cancer stem cells with koenimbin, a natural dietary compound from Murraya koenigii (L) Spreng. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1119-1133.	4.3	22
33	Monobenzyltin Complex C1 Induces Apoptosis in MCF-7 Breast Cancer Cells through the Intrinsic Signaling Pathway and through the Targeting of MCF-7-Derived Breast Cancer Stem Cells via the Wnt/Î²-Catenin Signaling Pathway. <i>PLoS ONE</i> , 2016, 11, e0160836.	2.5	21
34	Analysis of mitochondrial ND1 gene in human colorectal cancer. <i>Journal of Research in Medical Sciences</i> , 2011, 16, 50-5.	0.9	21
35	Prevalence of the CYP2D6*10 (C100T), *4 (G1846A), and *14 (G1758A) alleles among Iranians of different ethnicities. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2627.	4.3	20
36	Brain Lipopolysaccharide Preconditioning-Induced Gene Reprogramming Mediates a Tolerance State in Electroconvulsive Shock Model of Epilepsy. <i>Frontiers in Pharmacology</i> , 2018, 9, 416.	3.5	20

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37	Inclusion Complex of Zerumbone with Hydroxypropyl- β -Cyclodextrin Induces Apoptosis in Liver Hepatocellular HepG2 Cells via Caspase 8/Bid Cleavage Switch and Modulating Bcl2/Bax Ratio. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-16.	1.2	19
38	Association of fibroblast growth factor (FGF-21) as a biomarker with primary mitochondrial disorders, but not with secondary mitochondrial disorders (Friedreich Ataxia). Molecular Biology Reports, 2013, 40, 6495-6499.	2.3	18
39	Involvement of NF- κ B and HSP70 signaling pathways in the apoptosis of MDA-MB-231 cells induced by a prenylated xanthone compound, α -mangostin, from Cratoxylum arborescens. Drug Design, Development and Therapy, 2014, 8, 2193.	4.3	18
40	Antiproliferation effect of imatinib mesylate on MCF7, T-47D tumorigenic and MCF 10A nontumorigenic breast cell lines via PDGFR- β , PDGF-BB, c-Kit and SCF genes. Drug Design, Development and Therapy, 2017, Volume11, 469-481.	4.3	17
41	Apoptotic induction and inhibition of NF- κ B signaling pathway in human prostatic cancer PC3 cells by natural compound 2,2,3-tri- <i>o</i> -xybis (4-allyl-1-methoxybenzene), biseugenol B, from <i>Litsea costalis</i> : an in vitro study. OncoTargets and Therapy, 2017, Volume 10, 277-294.	2.0	17
42	Tanacetum polycephalum (L.) Schultz-Bip. Induces Mitochondrial-Mediated Apoptosis and Inhibits Migration and Invasion in MCF7 Cells. Molecules, 2014, 19, 9478-9501.	3.8	16
43	Tumoral Cell mtDNA \sim 4.9 kb Deletion Is More Common than Other Deletions in Gastric Cancer. Archives of Medical Research, 2006, 37, 848-853.	3.3	14
44	Evaluation of Helicobacter <i>pylori</i> vacA Genotypes in Iranian Patients with Peptic Ulcer Disease. Digestive Diseases and Sciences, 2009, 54, 2399-2403.	2.3	14
45	Preparation and Characterization of a Gastric Floating Dosage Form of Capecitabine. BioMed Research International, 2013, 2013, 1-8.	1.9	14
46	T4216C mutation in NADH dehydrogenase I gene is associated with recurrent pregnancy loss. Mitochondrial DNA, 2013, 24, 610-612.	0.6	12
47	Four Novel p.N385K, p.V36A, c.1033 \rightarrow 1034insT and c.1417 \rightarrow 1418delCT Mutations in the Sphingomyelin Phosphodiesterase 1 (SMPD1) Gene in Patients with Types A and B Niemann-Pick Disease (NPD). International Journal of Molecular Sciences, 2015, 16, 6668-6676.	4.1	12
48	Effect of Dietary Combination of Methionine and Fish Oil on Cellular Immunity and Plasma Fatty Acids in Infectious Bursal Disease Challenged Chickens. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	11
49	Establishment and characterization of two human breast carcinoma cell lines by spontaneous immortalization: Discordance between Estrogen, Progesterone and HER2/neu receptors of breast carcinoma tissues with derived cell lines. Cancer Cell International, 2012, 12, 43.	4.1	10
50	Four novel <i>ARSA</i> gene mutations with pathogenic impacts on metachromatic leukodystrophy: a bioinformatics approach to predict pathogenic mutations. Therapeutics and Clinical Risk Management, 2017, Volume 13, 725-731.	2.0	9
51	Synthesis of Apoptotic New Quinazolinone-Based Compound and Identification of its Underlying Mitochondrial Signalling Pathway in Breast Cancer Cells. Current Pharmaceutical Design, 2015, 21, 3417-3426.	1.9	8
52	Fifteen novel mutations in the mitochondrial NADH dehydrogenase subunit 1, 2, 3, 4, 4L, 5 and 6 genes from Iranian patients with Leber's hereditary optic neuropathy (LHON). Molecular Biology Reports, 2013, 40, 6837-6841.	2.3	7
53	Prevalence of the UGT1A1*6 (c.211G>A) Polymorphism and Prediction of Irinotecan Toxicity in Iranian Populations of Different Ethnicities. Chemotherapy, 2014, 60, 279-287.	1.6	5
54	Prevalence of the rs7903146>T polymorphism in TCF7L2 gene for prediction of type 2 diabetes risk among Iranians of different ethnicities. Drug Design, Development and Therapy, 2015, 9, 5835.	4.3	5

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55	Three novel mutations in Iranian patients with Tay-Sachs disease. Iranian Biomedical Journal, 2014, 18, 114-9.	0.7	5
56	Cutis Laxa Type <sc>II</sc> with Mutation in the Pyrrolineâ€”Carboxylate Reductase 1 Gene. Pediatric Dermatology, 2013, 30, e265-7.	0.9	4
57	A novel mutation in the aprataxin (APTX) gene in an Iranian individual suffering early-onset ataxia with oculomotor apraxia type 1(AOA1) disease. Iranian Biomedical Journal, 2012, 16, 223-5.	0.7	4
58	Identification of a novel arylsulfatase B gene mutation in three unrelated Iranian mucopolysaccharidosis type-VI patients with different phenotype severity. Iranian Biomedical Journal, 2012, 16, 169-71.	0.7	4
59	Association of human mtDNA mutations with autism in Iranian patients. Journal of Research in Medical Sciences, 2013, 18, 926.	0.9	4
60	Pitfalls for Common Mitochondrial DNA Deletion (Î”mtDNA4977) AsÂ”Biomarker of Cancer. Archives of Medical Research, 2013, 44, 79-80.	3.3	3
61	Association of nuclear and mitochondrial genes with audiological examinations in Iranian patients with nonaminoglycoside antibiotics-induced hearing loss. Therapeutics and Clinical Risk Management, 2016, 12, 117.	2.0	3
62	Molecular and clinical investigation of Iranian patients with Friedreich ataxia. Iranian Biomedical Journal, 2014, 18, 28-33.	0.7	3
63	A newly identified c.1824_1828dupATACG mutation in exon 13 of the GAA gene in infantile-onset glycogen storage disease type II (Pompe disease). Molecular Biology Reports, 2014, 41, 6211-6214.	2.3	2
64	Identification of a new mutation in an Iranian family with hereditary multiple osteochondromas. Therapeutics and Clinical Risk Management, 2016, Volume 13, 15-19.	2.0	1
65	Antiproliferative effects of imatinib mesylate on ZRâ€”1 and MDAâ€”231 cell lines via PDGFRâ€”2, PDGFâ€”BB, câ€”Kit and SCF expression. International Journal of Molecular Medicine, 2018, 42, 414-424.	4.0	1
66	New pathogenic variations of mitochondrial DNA in Alzheimer disease!! Journal of Research in Medical Sciences, 2013, 18, 269.	0.9	1