

Amir Kiani

List of Publications by Year in descending order

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72
papers

1,259
citations

361296

20
h-index

434063

31
g-index

74
all docs

74
docs citations

74
times ranked

1717
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of atorvastatin in human serum by reversed-phase high-performance liquid chromatography with UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 826, 41-45.	1.2	93
2	Determination of acyclovir in human serum by high-performance liquid chromatography using liquid-liquid extraction and its application in pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 816, 327-331.	1.2	57
3	High performance liquid chromatographic determination of azithromycin in serum using fluorescence detection and its application in human pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 820, 277-281.	1.2	55
4	Alginate-Persian Gum-Prebiotics microencapsulation impacts on the survival rate of <i>Lactococcus lactis</i> ABRIINW-N19 in orange juice. <i>LWT - Food Science and Technology</i> , 2020, 124, 109190.	2.5	54
5	Paraoxonase 1 (PON1) 55 polymorphism, lipid profiles and psoriasis. <i>British Journal of Dermatology</i> , 2012, 167, 1279-1286.	1.4	52
6	Tarkhineh as a new microencapsulation matrix improves the quality and sensory characteristics of probiotic <i>Lactococcus lactis</i> KUMS-T18 enriched potato chips. <i>Scientific Reports</i> , 2021, 11, 12599.	1.6	43
7	Matrix metalloproteinase 9 polymorphisms and systemic lupus erythematosus: correlation with systemic inflammatory markers and oxidative stress. <i>Lupus</i> , 2015, 24, 597-605.	0.8	38
8	In vitro and in vivo anti-angiogenesis effect of shallot (<i>Allium ascalonicum</i>): A heat-stable and flavonoid-rich fraction of shallot extract potently inhibits angiogenesis. <i>Toxicology in Vitro</i> , 2010, 24, 1655-1661.	1.1	37
9	Sensitive analytical method for Topiramate in human serum by HPLC with pre-column fluorescent derivatization and its application in human pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 813, 175-180.	1.2	36
10	High performance liquid chromatographic determination of topiramate in human serum using UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 322-325.	1.2	36
11	Association between butyrylcholinesterase activity and phenotypes, paraoxonase192 rs662 gene polymorphism and their enzymatic activity with severity of rheumatoid arthritis: Correlation with systemic inflammatory markers and oxidative stress, preliminary report. <i>Clinical Biochemistry</i> , 2015, 48, 63-69.	0.8	35
12	Application of Tarkhineh Fermented Product to Produce Potato Chips With Strong Probiotic Properties, High Shelf-Life, and Desirable Sensory Characteristics. <i>Frontiers in Microbiology</i> , 2021, 12, 657579.	1.5	32
13	Determination of oseltamivir carboxylic acid in human serum by solid phase extraction and high performance liquid chromatography with UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 864, 38-42.	1.2	31
14	Matrix metalloproteinase-2 functional promoter polymorphism G1575A is associated with elevated circulatory MMP-2 levels and increased risk of cardiovascular disease in systemic lupus erythematosus patients. <i>Lupus</i> , 2012, 21, 616-624.	0.8	31
15	Plasma level of neopterin as a marker of disease activity in treated rheumatoid arthritis patients: Association with gender, disease activity and anti-CCP antibody. <i>International Immunopharmacology</i> , 2013, 17, 763-767.	1.7	30
16	Association between GSTM1, GSTT1, and GSTP1 variants and the risk of end stage renal disease. <i>Renal Failure</i> , 2016, 38, 1455-1461.	0.8	29
17	Accumulation and human health risk assessment of nitrate in vegetables irrigated with different irrigation water sources- transfer evaluation of nitrate from soil to vegetables. <i>Environmental Research</i> , 2022, 205, 112527.	3.7	29
18	Butyrylcholinesterase K variants increase the risk of coronary artery disease in the population of western Iran. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 123-129.	0.6	25

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19	Sensitive high-performance liquid chromatographic quantitation of gabapentin in human serum using liquid-liquid extraction and pre-column derivatization with 9-fluorenylmethyl chloroformate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 835, 123-126.	1.2	24
20	Paraoxonase Arg 192 allele is an independent risk factor for three-vessel stenosis of coronary artery disease. <i>Molecular Biology Reports</i> , 2011, 38, 5421-5428.	1.0	24
21	A rapid high performance liquid chromatographic determination of methyl dopa in human serum with fluorescence detection and alumina extraction: Application to a bioequivalence study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 832, 197-201.	1.2	22
22	Synergistic effects of BuChE non-UU phenotype and paraoxonase (PON1) 55% M allele on the risk of systemic lupus erythematosus: influence on lipid and lipoprotein metabolism and oxidative stress, preliminary report. <i>Lupus</i> , 2014, 23, 263-272.	0.8	22
23	Effects of temozolomide on U87MG glioblastoma cell expression of CXCR4, MMP2, MMP9, VEGF, anti-proliferatory cytotoxic and apoptotic properties. <i>Molecular Biology Reports</i> , 2020, 47, 1187-1197.	1.0	22
24	Synthesis and evaluation of the cytotoxicity of a series of 1,3,4-thiadiazole based compounds as anticancer agents. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 1133-8.	1.0	22
25	High-performance liquid chromatographic determination of lamivudine in human serum using liquid-liquid extraction; application to pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 823, 213-217.	1.2	21
26	Determination of butyrylcholinesterase (BChE) phenotypes to predict the risk of prolonged apnea in persons receiving succinylcholine in the healthy population of western Iran. <i>Clinical Biochemistry</i> , 2007, 40, 629-633.	0.8	20
27	Effect of Prepartum Supplementation of Selenium and Vitamin E on Serum Se, IgG Concentrations and Colostrum of Heifers and on Hematology, Passive Immunity and Se Status of Their Offspring. <i>Biological Trace Element Research</i> , 2011, 144, 529-537.	1.9	20
28	Dynamic Recommendation: Disease Prediction and Prevention Using Recommender System. <i>International Journal of Basic Science in Medicine</i> , 2016, 1, 13-17.	0.1	19
29	A worldwide systematic literature review for aflatoxin M1 in infant formula milk: Human health risk assessment by Monte Carlo simulation. <i>Food Control</i> , 2022, 134, 108681.	2.8	19
30	Apolipoprotein E Genotypes, Lipid Peroxidation, and Antioxidant Status among Mild and Severe Preeclamptic Women from Western Iran: Protective Role of Apolipoprotein E2 Allele in Severe Preeclampsia. <i>Hypertension in Pregnancy</i> , 2012, 31, 405-418.	0.5	17
31	Activities and polymorphisms of MMP-2 and MMP-9, smoking, diabetes and risk of prostate cancer. <i>Molecular Biology Reports</i> , 2020, 47, 9373-9383.	1.0	16
32	Wastewater surveillance for SARS-CoV-2 in a small coastal community: Effects of tourism on viral presence and variant identification among low prevalence populations. <i>Environmental Research</i> , 2022, 208, 112496.	3.7	16
33	The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes. <i>Toxicology and Environmental Health Sciences</i> , 2017, 9, 244-250.	1.1	14
34	Vitamin D-binding protein and vitamin D receptor genotypes and 25-hydroxyvitamin D levels are associated with development of aortic and mitral valve calcification and coronary artery diseases. <i>Molecular Biology Reports</i> , 2019, 46, 5225-5236.	1.0	13
35	Intrathecal Administration of Melatonin Ameliorates the Neuroinflammation-mediated Sensory and Motor Dysfunction in a rat Model of Compression Spinal Cord Injury. <i>Current Molecular Pharmacology</i> , 2020, 13, 646-657.	0.7	13
36	Serum profiles of matrix metalloproteinases and their tissue inhibitors in long-term pulmonary complication induced by sulfur mustard: Sardasht-Iran Cohort Study (SICS). <i>International Immunopharmacology</i> , 2013, 17, 964-967.	1.7	12

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37	Combined spectroscopy and molecular modeling studies on the binding of galbanic acid and MMP9. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 308-315.	3.6	11
38	Synergism between apolipoprotein E ϵ 4 allele and paraoxonase (PON1) 55-M allele is associated with risk of systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2018, 37, 971-977.	1.0	11
39	Synthesis and In-vitro Cytotoxicity Assessment of N-(5-(Benzylthio)-1,3,4-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (thia <i>Journal of Pharmaceutical Research</i> , 2013, 12, 687-93.	0.3	11
40	Association of AHSG gene polymorphisms with serum Fetuin-A levels in individuals with cardiovascular calcification in west of Iran. <i>Molecular Biology Reports</i> , 2020, 47, 1809-1820.	1.0	10
41	Intrathecal administration of naringenin improves motor dysfunction and neuropathic pain following compression spinal cord injury in rats: relevance to its antioxidant and anti-inflammatory activities. <i>Korean Journal of Pain</i> , 2022, 35, 291-302.	0.8	10
42	Trifluoperazine an Antipsychotic Drug and Inhibitor of Mitochondrial Permeability Transition Protects Cytarabine and Ifosfamide-Induced Neurotoxicity. <i>Drug Research</i> , 2020, 70, 265-272.	0.7	9
43	Anti-cyclic citrullinated peptide antibody and rheumatoid factor isotypes in Iranian patients with rheumatoid arthritis: evaluation of clinical value and association with disease activity. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2014, 13, 147-56.	0.3	9
44	Association between the \sim 11377 C/G and \sim 11391 G/A polymorphisms of adiponectin gene and adiponectin levels with susceptibility to type 1 and type 2 diabetes mellitus in population from the west of Iran, correlation with lipid profile. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3574-3582.	1.2	8
45	Association between activity and genotypes of paraoxonase1 L55M (rs854560) increases the disease activity of rheumatoid arthritis through oxidative stress. <i>Molecular Biology Reports</i> , 2019, 46, 741-749.	1.0	8
46	Multi- ϵ spectroscopic and molecular modeling investigation of the interactions between prantschimgin and matrix metalloproteinase 9 (MMP9). <i>Luminescence</i> , 2016, 31, 587-593.	1.5	7
47	Synergistic Effect of Gefitinib and Temozolomide on U87MG Glioblastoma Angiogenesis. <i>Nutrition and Cancer</i> , 2022, 74, 1299-1307.	0.9	7
48	Angiotensin- ϵ converting enzyme insertion/deletion (rs106180) and angiotensin type 1 receptor A 1166 C (rs106165) genotypes and psoriasis: Correlation with cellular immunity, lipid profile, and oxidative stress markers. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 2627-2633.	1.2	6
49	The role of caveolin- ϵ 1 and endothelial nitric oxide synthase polymorphisms in susceptibility to prostate cancer. <i>International Journal of Experimental Pathology</i> , 2021, 102, 260-267.	0.6	6
50	Association of Matrix Metalloproteinase-2 (MMP-2) and MMP-9 Promoter Polymorphisms, Their Serum Levels, and Activities with Coronary Artery Calcification (CAC) in an Iranian Population. <i>Cardiovascular Toxicology</i> , 2022, 22, 118-129.	1.1	6
51	The ITGAV-rs3911238 polymorphism is associated with disease activity in rheumatoid arthritis. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2014, 13, 356-63.	0.3	6
52	Silymarin (Livergol $\text{\textcircled{R}}$) Decreases Disease Activity Score in Patients with Rheumatoid Arthritis: A Non-randomized Single-arm Clinical Trial. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2017, 16, 99-106.	0.3	6
53	Molecular insight into the Grandivitin- matrix metalloproteinase 9 interactions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 493-499.	1.7	5
54	Evaluation of The Relationship among The Levels of SIRT1 and SIRT3 with Oxidative Stress and DNA Fragmentation in Asthenoteratozoospermic Men. <i>International Journal of Fertility & Sterility</i> , 2021, 15, 135-140.	0.2	5

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55	Study of Serum Malondialdehyde Level in Opioid and Methamphetamine Dependent Patients. <i>Acta Medica Iranica</i> , 2017, 55, 616-620.	0.8	5
56	Whole-Blood Thiopurine S-Methyltransferase Genotype and Phenotype Concordance in Iranian Kurdish Ulcerative Colitis (UC) Patients. <i>Clinical Laboratory</i> , 2017, 63, 947-954.	0.2	4
57	Mercury exposure of gold mining workers in the northwest of Iran. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2013, 26, 1267-70.	0.2	4
58	Synergism between paraoxonase Arg 192 and the angiotensin converting enzyme D allele is associated with severity of coronary artery disease. <i>Molecular Biology Reports</i> , 2012, 39, 2723-2731.	1.0	3
59	Efficient Conjugation of Aflatoxin M1 With Bovine Serum Albumin through Aflatoxin M1-(O-carboxymethyl) Oxime and Production of Anti-aflatoxin M1 Antibodies. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e16850.	0.2	3
60	Oxidative Stress Parameters, Trace Elements, and Lipid Profile in Iranian Patients with Gaucher Disease. <i>Biological Trace Element Research</i> , 2020, 193, 130-137.	1.9	3
61	Genetic Variants of Pre-microRNAs A-499G(rs3746444) and T-196a2C(rs11614913) with Ulcerative Colitis (UC) and Investigated with Thiopurine-S-Methyltransferase (TPMT) Activity. <i>Clinical Laboratory</i> , 2017, 63, 1683-1690.	0.2	3
62	Bacterial starter cultures induce suitable changes in milk fatty acid profiles at different fermentation conditions. <i>Journal of Dairy Research</i> , 2020, 87, 469-473.	0.7	3
63	Cytochrome P450 (CYP450,2D6*A), N-Acetyltransferase-2 (NAT2*7, A) and Multidrug Resistance 1 (MDR1) Tj ETQq1 1 0.784314 rgB 530-535.	0.2	3
64	Circadian melatonin profile in opium and amphetamine dependent patients: A preliminary study. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2019, 7, 100046.	1.4	2
65	Intraprostatic injection of exosomes isolated from adipose-derived mesenchymal stem cells (MSCs) for the treatment of chronic non-bacterial prostatitis (CNP). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 1144-1154.	1.3	2
66	High Performance Liquid Chromatography Coupled with Pre-column Derivatization for Determination of Oxidized Glutathione Level in Rats Exposed to Paraquat. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 911-6.	0.3	2
67	Positive effect of moderate-intensity aerobic activity on pentylenetetrazol-induced epileptic behaviors in pregnant mice and cognitive performance in adult male offspring. <i>Sport Sciences for Health</i> , 2019, 15, 65-72.	0.4	1
68	Effect of Aerobic Training During Pregnancy on Seizure-Induced Depression- in Mouse. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2018, 6, 35-42.	0.4	1
69	Synthesis of (Z)-3-((5-(benzylthio)-4H-1,2,4-triazol-3-yl)imino)-5-haloindolin-2-one derivatives: combined spectroscopic and computational investigations on the level and activity of matrix metalloproteinases 2 and 9 in cancer cell lines. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1781-1800.	1.2	0
70	Effect of Seizure on the Rate of Depression in Pregnant Mice Treated with Pentylenetetrazol. <i>Majallah-i Dānishgāh-i Ārshad-i Pizishk-i Ālām</i> , 2019, 27, 104-111.	0.1	0
71	A Practical Non-Extraction Direct Liquid Chromatography Method for Determination of Thiopurine S-Methyltransferase Activity in Inflammatory Bowel Disease. <i>Acta Medica Iranica</i> , 2017, 55, 360-367.	0.8	0
72	Association of Angiotensin-converting Enzyme Gene Polymorphism with Susceptibility to Asthma Disease in Western Iran. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2022, 21, 104-111.	0.3	0