Mohammad Saeid M S Hejazi

List of Publications by Year
in descending order

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		182225	274796
93	2,385	30	44
papers	citations	h-index	g-index

96	96	96	3463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel genosensor based on Fe3O4@SiO2/DABCO-modified screen-printed graphite electrode for detection of prostate cancer gene sequence hybridization. Journal of the Iranian Chemical Society, 2022, 19, 2631-2640.	1.2	4
2	Shewanella azerbaijanica sp. nov. a novel aquatic species with high bioremediation abilities. Archives of Microbiology, 2022, 204, .	1.0	8
3	Halomonas azerbaijanica sp. nov., a halophilic bacterium isolated from Urmia Lake after the 2015 drought. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	10
4	A case of autosomal recessive hypercholesterolemia with a novel mutation in the <i>LDLRAP1</i> gene. Clinical Pediatric Endocrinology, 2021, 30, 201-204.	0.4	3
5	A new approach to the preeclampsia puzzle; MicroRNA-326 in CD4+ lymphocytes might be as a potential suspect. Journal of Reproductive Immunology, 2021, 145, 103317.	0.8	13
6	T lymphocytes and preeclampsia: The potential role of Tâ€cell subsets and related MicroRNAs in the pathogenesis of preeclampsia. American Journal of Reproductive Immunology, 2021, 86, e13475.	1.2	15
7	Halomonas azerica sp. nov., Isolated from Urmia Lake in Iran. Current Microbiology, 2021, 78, 3299-3306.	1.0	10
8	Patient-Specific Induced Pluripotent Stem Cell-Derived Hepatocyte-Like Cells as a Model to Study Autosomal Recessive Hypercholesterolemia. Stem Cells and Development, 2021, 30, 714-724.	1.1	7
9	Evaluating the presence of deregulated tumoral onco-microRNAs in serum-derived exosomes of gastric cancer patients as noninvasive diagnostic biomarkers. BioImpacts, 2021, 12, 127-138.	0.7	10
10	Cyclin-dependent Kinase 9 Induces Regional and Global Genomic DNA Methylation Via Influencing DNMT Gene Expression in Mouse Myoblast C2C12 Cells During Differentiation. , 2021, 9, 24-32.		1
11	CpG Islands Methylation Analysis of CDH11, EphA5, and HS3ST2 Genes in Gastric Adenocarcinoma Patients. Journal of Gastrointestinal Cancer, 2020, 51, 579-583.	0.6	21
12	Development of a new oligonucleotide block location-based feature extraction (BLBFE) method for the classification of riboswitches. Molecular Genetics and Genomics, 2020, 295, 525-534.	1.0	6
13	Pseudomonas khazarica sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium isolated from Khazar Sea sediments. Antonie Van Leeuwenhoek, 2020, 113, 521-532.	0.7	21
14	Targeting TdT gene expression in Molt-4 cells by PNA-octaarginine conjugates. International Journal of Biological Macromolecules, 2020, 164, 4583-4590.	3.6	15
15	DNA damage repair response in mesenchymal stromal cells: From cellular senescence and aging to apoptosis and differentiation ability. Ageing Research Reviews, 2020, 62, 101125.	5.0	35
16	The oncogenic roles of bacterial infections in development of cancer. Microbial Pathogenesis, 2020, 141, 104019.	1.3	34
17	Overview of ultravioletâ€based methods used in polycyclic aromatic hydrocarbons analysis and measurement. Separation Science Plus, 2020, 3, 112-120.	0.3	9
18	Elioraea thermophila sp. nov., a thermophilic bacterium from hot spring of the class Alphaproteobacteria, emended description of the genus Elioraea and proposal of Elioraeaceae fam. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1300-1306.	0.8	11

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19	Halomonas urmiana sp. nov., a moderately halophilic bacterium isolated from Urmia Lake in Iran. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2254-2260.	0.8	13
20	Antibacterial and Antifungal Activity of Novel Freshwater Bacterium Tabrizicola aquatica as a Prominent Natural Antibiotic Available in Qurugol Lake. Pharmaceutical Sciences, 2020, 26, 88-92.	0.1	16
21	Classification of Riboswitch Families Using Block Location-Based Feature Extraction (BLBFE) Method. Advanced Pharmaceutical Bulletin, 2020, 10, 97-105.	0.6	2
22	Polycyclic Aromatic Hydrocarbons Degradation by Aquatic Bacteria Isolated from Khazar Sea, the Worldâ€™s Largest Lake. Pharmaceutical Sciences, 2020, 27, 121-130.	0.1	5
23	Classification of seed members of five riboswitch families as short sequences based on the features extracted by Block Location-Based Feature Extraction (BLBFE) method. BioImpacts, 2020, 11, 101-109.	0.7	0
24	Bioreduction of Iron and Biosorption of Heavy Metals (Ni2+, Co2+, Pb2+) by a Novel Environmental Bacterium, Tabrizicola aquatica RCRI19T. Asian Journal of Water, Environment and Pollution, 2019, 16, 73-81.	0.4	13
25	Transient induction of Cdk9 in the early stage of differentiation is critical for myogenesis. Journal of Cellular Biochemistry, 2019, 120, 18854-18861.	1.2	36
26	The Role of Nrf2 signaling in cancer stem cells: From stemness and self-renewal to tumorigenesis and chemoresistance. Life Sciences, 2019, 239, 116986.	2.0	68
27	Layered double hydroxide nanoparticles as an appealing nanoparticle in gene/plasmid and drug delivery system in C2C12 myoblast cells. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 436-442.	1.9	44
28	Isolation and characterization of a novel scFv antibody fragments specific for Hsp70 as a tumor biomarker. Journal of Cellular Biochemistry, 2019, 120, 14711-14724.	1.2	10
29	Emended description of the genus Tabrizicola and the species Tabrizicola aquatica as aerobic anoxygenic phototrophic bacteria. Antonie Van Leeuwenhoek, 2019, 112, 1169-1175.	0.7	25
30	Rhodobacter thermarum sp. nov., a novel phototrophic bacterium isolated from sediment of a hot spring. Antonie Van Leeuwenhoek, 2019, 112, 867-875.	0.7	13
31	Exosomes: from carcinogenesis and metastasis to diagnosis and treatment of gastric cancer. Cellular and Molecular Life Sciences, 2019, 76, 1747-1758.	2.4	103
32	Hsp70 in Cancer: Partner or Traitor to Immune System. Iranian Journal of Allergy, Asthma and Immunology, 2019, 18, 589-604.	0.3	11
33	CDK9 as an Appealing Target for Therapeutic Interventions. Current Drug Targets, 2019, 20, 453-464.	1.0	29
34	Halomonas tabrizica sp. nov., a novel moderately halophilic bacterium isolated from Urmia Lake in Iran. Antonie Van Leeuwenhoek, 2018, 111, 1139-1148.	0.7	16
35	CDK9 Regulates Apoptosis of Myoblast Cells by Modulation of microRNAâ€1 Expression. Journal of Cellular Biochemistry, 2018, 119, 547-554.	1.2	30
36	Anoxybacillus sediminis sp. nov., a novel moderately thermophilic bacterium isolated from a hot spring. Antonie Van Leeuwenhoek, 2018, 111, 2275-2282.	0.7	13

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37	Potential of Peptide Nucleic Acids in Future Therapeutic Applications. Advanced Pharmaceutical Bulletin, 2018, 8, 551-563.	0.6	53
38	Development of a new sequential block finding strategy for detection of conserved sequences in riboswitches. BioImpacts, 2018, 8, 13-22.	0.7	4
39	Removal of U(VI) from aqueous solutions using Shewanella sp. RCRI7, isolated from QurugÃ¶l Lake in Iran. Radiochimica Acta, 2017, 105, 109-120.	0.5	11
40	Silibinin sensitizes chemo-resistant breast cancer cells to chemotherapy. Pharmaceutical Biology, 2017, 55, 729-739.	1.3	67
41	The role of CIP2A in cancer: A review and update. Biomedicine and Pharmacotherapy, 2017, 96, 626-633.	2.5	48
42	TPP riboswitch characterization in Alishewanella tabrizica and Alishewanella aestuarii and comparison with other TPP riboswitches. Microbiological Research, 2017, 195, 71-80.	2.5	4
43	siRNA-Mediated Silencing of CIP2A Enhances Docetaxel Activity Against PC-3 Prostate Cancer Cells. Advanced Pharmaceutical Bulletin, 2017, 7, 637-643.	0.6	12
44	Halorubrum sp. TBZ112, an Extremely Halophilic Carotenoid- Producing Archaeon Isolated from Urmia Lake. Pharmaceutical Sciences, 2017, 23, 150-158.	0.1	5
45	Multifunctional Superparamagnetic Nanoparticles: From Synthesis to siRNA Delivery. Current Pharmaceutical Design, 2017, 23, 2400-2409.	0.9	3
46	An electrochemical DNA biosensor based on Oracet Blue as a label for detection of Helicobacter pylori. International Journal of Biological Macromolecules, 2016, 91, 911-917.	3.6	13
47	Novel polyacrylate-based cationic nanoparticles for survivin siRNA delivery combined with mitoxantrone for treatment of breast cancer. Biologicals, 2016, 44, 487-496.	0.5	16
48	Riboswitches: From living biosensors to novel targets of antibiotics. Gene, 2016, 592, 244-259.	1.0	71
49	A sensitive DNA biosensor fabricated from gold nanoparticles and graphene oxide on a glassy carbon electrode. Materials Science and Engineering C, 2016, 61, 506-515.	3.8	49
50	The role of Six1 signaling in paclitaxel-dependent apoptosis in MCF-7 cell line. Bosnian Journal of Basic Medical Sciences, 2016, 16, 28-34.	0.6	30
51	A Genosensor for Point Mutation Detection of P53 Gene PCR Product Using Magnetic Particles. Electroanalysis, 2015, 27, 1378-1386.	1.5	35
52	Doxorubicin Changes Bax /Bcl-xL Ratio, Caspase-8 and 9 in Breast Cancer Cells. Advanced Pharmaceutical Bulletin, 2015, 5, 351-359.	0.6	105
53	Effect of Electrophoresis on the Efficiency of Graphite-Nano-TiO₂ Modified Silica Solâ€“Gel Electrode. Journal of Nanoscience and Nanotechnology, 2015, 15, 3405-3410.	0.9	4
54	A bimetallic nanocomposite electrode for direct and rapid biosensing of p53 DNA plasmid. Journal of Chemical Sciences, 2015, 127, 1607-1617.	0.7	15

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55	Degradation of benzene, toluene, and xylene (BTX) from aqueous solution by isolated bacteria from contaminated sites. Research on Chemical Intermediates, 2015, 41, 265-275.	1.3	3
56	Biodegradation of Para Amino Acetanilide by Halomonas sp. TBZ3. Jundishapur Journal of Microbiology, 2015, 8, e18622.	0.2	4
57	Arsenic Trioxide Promotes Paclitaxel Cytotoxicity in Resistant Breast Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2015, 16, 5191-5197.	0.5	37
58	Effect of alumina contents on phase stability and mechanical properties of magnesium fluorapatite/alumina composites. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 40, 95-101.	1.5	6
59	Analysis of Carotenoid Production by Halorubrum sp. TBZ126; an Extremely Halophilic Archeon from Urmia Lake. Advanced Pharmaceutical Bulletin, 2014, 4, 61-7.	0.6	66
60	Roles of the Bcl-2/Bax Ratio, Caspase-8 and 9 in Resistance of Breast Cancer Cells to Paclitaxel. Asian Pacific Journal of Cancer Prevention, 2014, 15, 8617-8622.	0.5	84
61	Evolutionary Origin and Conserved Structural Building Blocks of Riboswitches and Ribosomal RNAs: Riboswitches as Probable Target Sites for Aminoglycosides Interaction. Advanced Pharmaceutical Bulletin, 2014, 4, 225-35.	0.6	8
62	A new peptide nucleotide acid biosensor for electrochemical detection of single nucleotide polymorphism in duplex DNA via triplex structure formation. Journal of the Iranian Chemical Society, 2013, 10, 1075-1083.	1.2	21
63	Voltammetric detection of uridin diphosphate glucuronosyl transferase 1A9 (UGT1A9) gene corresponding oligonucleotide covering promoter region from â˜'268 to â˜'280 including (A/T) polymorphism at position â˜'275 and optimization of the detection factors. Journal of the Iranian Chemical Society, 2013, 10, 399-406.	1.2	2
64	Detection and discrimination of recombinant plasmid encoding hepatitis C virus core/E1 gene based on PNA and double-stranded DNA hybridization. Biosensors and Bioelectronics, 2013, 45, 287-291.	5.3	22
65	Tabrizicola aquatica gen. nov. sp. nov., a novel alphaproteobacterium isolated from QurugÃ¶l Lake nearby Tabriz city, Iran. Antonie Van Leeuwenhoek, 2013, 104, 1205-1215.	0.7	43
66	Indigo Carmine as New Label in PNA Biosensor for Detection of Short Sequence of p53 Tumor Suppressor Gene. Electroanalysis, 2013, 25, 2075-2083.	1.5	22
67	Relationship Between Drug Resistance and cagA Gene in Helicobacter pylori. Jundishapur Journal of Microbiology, 2013, 6, .	0.2	8
68	Detection of legionella contamination in tabriz hospitals by PCR assay. Advanced Pharmaceutical Bulletin, 2013, 3, 131-4.	0.6	14
69	Influence of Foreign DNA Introduction and Periplasmic Expression of Recombinant Human Interleukin-2 on Hydrogen Peroxide Quantity and Catalase Activity in Escherichia coli. Advanced Pharmaceutical Bulletin, 2013, 3, 395-402.	0.6	2
70	Diversity of Helicobacter Pylori cagA and vacA Genes and Its Relationship with Clinical Outcomes in Azerbaijan, Iran. Advanced Pharmaceutical Bulletin, 2013, 3, 57-62.	0.6	20
71	Alishewanella tabrizica sp. nov., isolated from QurugÃ¶l Lake. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1986-1991.	0.8	19
72	An electrochemical approach for direct detection and discrimination of fully match and single base mismatch double-stranded oligonucleotides corresponding to universal region of hepatitis C virus. Analytical Methods, 2012, 4, 967.	1.3	15

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73	Effect of periplasmic expression of recombinant mouse interleukin-4 on hydrogen peroxide concentration and catalase activity in Escherichia coli. Gene, 2012, 511, 455-460.	1.0	4
74	Electrochemical spectroscopic investigations on the interaction of an ytterbium complex with DNA and their analytical applications such as biosensor. International Journal of Biological Macromolecules, 2011, 49, 1117-1123.	3.6	13
75	Isolation and characterization of halophilic bacteria from Urmia Lake in Iran. Microbiology, 2011, 80, 834-841.	0.5	39
76	Introduction of hematoxylin as an electroactive label for DNA biosensors and its employment in detection of target DNA sequence and single-base mismatch in human papilloma virus corresponding to oligonucleotide. Biosensors and Bioelectronics, 2011, 26, 2638-2644.	5.3	62
77	Development of a Novel Electrochemical Biosensor for Detection and Discrimination of DNA Sequence and Single Base Mutation in dsDNA Samples Based on PNAâ€dsDNA Hybridization â€“ a new Platform Technology. Electroanalysis, 2011, 23, 503-511.	1.5	22
78	Electrochemical detection and discrimination of single copy gene target DNA in non-amplified genomic DNA. Electrochimica Acta, 2011, 56, 1925-1931.	2.6	35
79	Preparation of an electrochemical PNA biosensor for detection of target DNA sequence and single nucleotide mutation on p53 tumor suppressor gene corresponding oligonucleotide. Sensors and Actuators B: Chemical, 2011, 157, 195-201.	4.0	61
80	Isolation and characterization of halophilic bacteria from Urmia Lake in Iran. Mikrobiologija, 2011, 80, 826-33.	0.1	8
81	Direct detection and discrimination of double-stranded oligonucleotide corresponding to hepatitis C virus genotype 3a using an electrochemical DNA biosensor based on peptide nucleic acid and double-stranded DNA hybridization. Analytical and Bioanalytical Chemistry, 2010, 397, 3581-3587.	1.9	41
82	Dunaliella as an attractive candidate for molecular farming. Molecular Biology Reports, 2010, 37, 3427-3430.	1.0	39
83	Electrochemical detection of short sequences of hepatitis C 3a virus using a peptide nucleic acid-assembled gold electrode. Analytical Biochemistry, 2010, 399, 118-124.	1.1	57
84	Brilliant cresyl blue as electroactive indicator in electrochemical DNA oligonucleotide sensors. Bioelectrochemistry, 2010, 78, 141-146.	2.4	45
85	Introduction of a novel 18S rDNA gene arrangement along with distinct ITS region in the saline water microalga Dunaliella. Saline Systems, 2010, 6, 4.	2.0	31
86	Rapid virulence typing of Pasteurella multocida by multiplex PCR. Research in Veterinary Science, 2009, 87, 355-357.	0.9	31
87	Construction, electrochemically biosensing and discrimination of recombinant plasmid (pEThIL-2) on the basis of interleukine-2 DNA insert. Biosensors and Bioelectronics, 2008, 23, 1588-1594.	5.3	48
88	Direct and rapid electrochemical biosensing of the human interleukin-2 DNA in unpurified polymerase chain reaction (PCR)-amplified real samples. Biosensors and Bioelectronics, 2008, 24, 524-530.	5.3	50
89	Virulence Genes Profile and Typing of Ovine Pasteurella multocida. Asian Journal of Animal and Veterinary Advances, 2008, 3, 206-213.	0.3	27
90	Diversity of Grapevine fanleaf virus isolates from Iran. Virus Research, 2007, 128, 144-148.	1.1	15

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91	Immobilization and voltammetric detection of human interleukine-2 gene on the pencil graphite electrode. Talanta, 2007, 71, 1734-1740.	2.9	44
92	Influence of E1-deleted recombinant adenoviruses on B7.1 and IL-2 expression in C1498 cells. Iranian Biomedical Journal, 2007, 11, 153-160.	0.4	0
93	Developing an electrochemical deoxyribonucleic acid (DNA) biosensor on the basis of human interleukine-2 gene using an electroactive label. Analytica Chimica Acta, 2006, 570, 144-150.	2.6	91