Mahdi Rahaie

List of Publications by Year
in descending order

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35 papers	1,101 citations	471061 17 h-index	414034 32 g-index
37 all docs	37 docs citations	37 times ranked	1810 citing authors

#	Article	IF	Citations
1	Nanostructures in non-invasive prenatal genetic screening. Biomedical Engineering Letters, 2022, 12, 3-18.	2.1	0
2	The effects of several abiotic elicitors on the expression of genes of key enzymes involved in the parthenolide biosynthetic pathway and its content in feverfew plant (Tanacetum parthenium L.). Natural Product Research, 2022, 36, 6132-6136.	1.0	3
3	A novel DNA tweezers-based nanobiosensor for multiple detections of circulating exosomal microRNAs in breast cancer. Analytical Biochemistry, 2022, 651, 114697.	1.1	8
4	A visible and colorimetric nanobiosensor based on DNA-CuO nanoparticle for detection of single nucleotide polymorphism involved in sickle cell anemia disease. Materials Today Communications, 2021, 27, 102423.	0.9	5
5	A Novel Fluorescence Nanobiosensor based on Modified Graphene Quantum dots-HTAB for Early Detection of Fetal Sexuality with Cell Free Fetal DNA. Journal of Fluorescence, 2021, 31, 1843-1853.	1.3	3
6	Four Matrix Metalloproteinase genes involved in murine breast cancer affected by ginger extract. Gene Reports, 2021, 25, 101332.	0.4	1
7	Phenotypic and genotypic screening of common bean (Phaseolus vulgaris L.) landraces for resistance to collar rot fungus (Sclerotium rolfsii Sacc.) in North of Iran. Journal of Plant Pathology, 2020, 102, 67-78.	0.6	2
8	Design, fabrication, and optimization of a dual function three-layer scaffold for controlled release of metformin hydrochloride to alleviate fibrosis and accelerate wound healing. Acta Biomaterialia, 2020, 113, 144-163.	4.1	43
9	Thymoquinone-loaded ethosome with breast cancer potential: optimization, in vitro and biological assessment. Journal of Nanostructure in Chemistry, 2020, 10, 19-31.	5.3	42
10	Different anti-inflammatory effects of Lactobacillus acidophilus and Bifidobactrum bifidioum in hepatocellular carcinoma cancer mouse through impact on microRNAs and their target genes. Journal of Nutrition & Intermediary Metabolism, 2019, 16, 100096.	1.7	20
11	A conductive cellâ€imprinted substrate based on CNTâ€“PDMS composite. Biotechnology and Applied Biochemistry, 2019, 66, 445-453.	1.4	2
12	A signal-on nanobiosensor for VEGF165 detection based on supraparticle copper nanoclusters formed on bivalent aptamer. Biosensors and Bioelectronics, 2019, 132, 186-195.	5.3	37
13	Effects of Lactobacillus acidophilus and Bifidobacterium bifidum Probiotics on the Expression of MicroRNAs 135b, 26b, 18a and 155, and Their Involving Genes in Mice Colon Cancer. Probiotics and Antimicrobial Proteins, 2019, 11, 1155-1162.	1.9	46
14	A nanobiosensor based on graphene oxide and DNA binding dye for multi-microRNAs detection. Bioscience Reports, 2019, 39, .	1.1	16
15	Effect of nanoparticle treatment on expression of a key gene involved in thymoquinone biosynthetic pathway in Nigella sativa L.. Natural Product Research, 2018, 32, 1858-1862.	1.0	21
16	A Nanobiosensor Based on Fluorescent DNA-Hosted Silver Nanocluster and HCR Amplification for Detection of MicroRNA Involved in Progression of Multiple Sclerosis. Journal of Fluorescence, 2017, 27, 1679-1685.	1.3	31
17	Design and Fabrication a Gold Nanoparticle-DNA Based Nanobiosensor for Detection of microRNA Involved in Alzheimer's Disease. Journal of Fluorescence, 2017, 27, 603-610.	1.3	27
18	Growth and physiological responses of Quercus brantii seedlings inoculated with Biscogniauxia mediterranea and Obolarina persica under drought stress. Forest Pathology, 2017, 47, e12353.	0.5	29

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19	Comparison of miRNA signature versus conventional biomarkers before and after off-pump coronary artery bypass graft. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 11-17.	1.4	9
20	Early detection of Alzheimer's disease using a biosensor based on electrochemically-reduced graphene oxide and gold nanowires for the quantification of serum microRNA-137. RSC Advances, 2017, 7, 55709-55719.	1.7	86
21	Circulating miR-126 and miR-499 Reflect Progression of Cardiovascular Disease; Correlations with Uric Acid and Ejection Fraction. Heart International, 2016, 11, heartint.500022.	0.4	22
22	Synthesis and Assessment of DNA/Silver Nanoclusters Probes for Optimal and Selective Detection of Tristeza Virus Mild Strains. Journal of Fluorescence, 2016, 26, 1795-1803.	1.3	11
23	Expression of the circulating and the tissue microRNAs after surgery, chemotherapy, and radiotherapy in mice mammary tumor. Tumor Biology, 2016, 37, 14225-14234.	0.8	14
24	Rapid pre-symptomatic recognition of tristeza viral RNA by a novel fluorescent self-dimerized DNAâ€“silver nanocluster probe. RSC Advances, 2016, 6, 99437-99443.	1.7	17
25	Elevated levels of miR-499 protect ischemic myocardium against uric acid in patients undergoing off-pump CABG. Cor Et Vasa, 2016, 58, e600-e608.	0.1	3
26	Stability and loading properties of curcumin encapsulated in Chlorella vulgaris. Food Chemistry, 2016, 211, 700-706.	4.2	63
27	An electrochemical nanobiosensor for plasma miRNA-155, based on graphene oxide and gold nanorod, for early detection of breast cancer. Biosensors and Bioelectronics, 2016, 77, 99-106.	5.3	290
28	Application of nanoparticles for pesticides, herbicides, fertilisers and animals feed management. International Journal of Nanoparticles, 2015, 8, 1.	0.1	22
29	Application of Oracet Blue in a novel and sensitive electrochemical biosensor for the detection of microRNA. Analytical Methods, 2015, 7, 9495-9503.	1.3	29
30	Use of sulfurâ€oxidizing bacteria as recognition elements in hydrogen sulfide biosensing system. Biotechnology and Applied Biochemistry, 2015, 62, 349-356.	1.4	11
31	The Role of Transcription Factors in Wheat Under Different Abiotic Stresses. , 2013, , .		24
32	In Vitro Influences of TiO2 Nanoparticles on Barley (Hordeum vulgare L.) Tissue Culture. Biological Trace Element Research, 2012, 150, 376-380.	1.9	64
33	A novel DNA-based nanostructure for single molecule detection purposes. International Journal of Nanotechnology, 2011, 8, 458.	0.1	4
34	A MYB gene from wheat (Triticum aestivum L.) is up-regulated during salt and drought stresses and differentially regulated between salt-tolerant and sensitive genotypes. Plant Cell Reports, 2010, 29, 835-844.	2.8	86
35	Synthesis and Characterization of DNA-Based Micro- and Nanodumbbell Structures. Journal of Bionanoscience, 2009, 3, 73-79.	0.4	4