

Pooria Gill

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,933
citations

430754

18
h-index

254106

43
g-index

60
all docs

60
docs citations

60
times ranked

3522
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular Dichroism Techniques: Biomolecular and Nanostructural Analyses—A Review. <i>Chemical Biology and Drug Design</i> , 2009, 74, 101-120.	1.5	483
2	Nucleic Acid Isothermal Amplification Technologies—A Review. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 224-243.	0.4	409
3	Differential scanning calorimetry techniques: applications in biology and nanoscience. <i>Journal of Biomolecular Techniques</i> , 2010, 21, 167-93.	0.8	202
4	Formulation optimization and in vitro skin penetration of spironolactone loaded solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 473-479.	2.5	79
5	Colorimetric detection of <i>Helicobacter pylori</i> DNA using isothermal helicase-dependent amplification and gold nanoparticle probes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 119-124.	0.8	68
6	Effect of ionic liquids on the structure, stability and activity of two related $\hat{\text{I}}\pm$ -amylases. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 93-97.	3.6	64
7	Synthesis and tuning of gold nanorods with surface plasmon resonance. <i>Optical Materials</i> , 2017, 64, 376-383.	1.7	45
8	A review of the current isothermal amplification techniques: Applications, advantages and disadvantages. <i>Journal of Global Infectious Diseases</i> , 2011, 3, 293.	0.2	39
9	Recombinant $\hat{\text{I}}\pm$ -phage nanobiparticles for tumor therapy in mice models. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 3.	1.5	35
10	Enzyme-linked immunosorbent assay of nucleic acid sequence-based amplification for molecular detection of <i>M. tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 1151-1157.	1.0	32
11	Microfluidic method for rapid turbidimetric detection of the DNA of <i>Mycobacterium tuberculosis</i> using loop-mediated isothermal amplification in capillary tubes. <i>Mikrochimica Acta</i> , 2015, 182, 523-530.	2.5	28
12	Spectroscopic and microscopic analyses of rod-shaped gold nanoparticles interacting with single-stranded DNA oligonucleotides. <i>IET Nanobiotechnology</i> , 2013, 7, 42-49.	1.9	27
13	Fast and simple detection of bovine serum albumin concentration by studying its interaction with gold nanorods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 543, 118-125.	2.3	27
14	Detection of <i>Helicobacter pylori</i> by enzyme-linked immunosorbent assay of thermophilic helicase-dependent isothermal DNA amplification. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 59, 243-249.	0.8	24
15	Aptamer-conjugated magnetic nanoparticles for the efficient removal of HCV particles from human plasma samples. <i>RSC Advances</i> , 2015, 5, 79433-79439.	1.7	24
16	Protection of Mice by a $\hat{\text{I}}\pm$ -Based Therapeutic Vaccine against Cancer Associated with Human Papillomavirus Type 16. <i>Intervirology</i> , 2011, 54, 105-112.	1.2	22
17	A Nanodiagnostic Colorimetric Assay for 18S rRNA of <i>Leishmania</i> Pathogens using Nucleic Acid Sequence-Based Amplification and Gold Nanorods. <i>Molecular Diagnosis and Therapy</i> , 2013, 17, 363-370.	1.6	22
18	High resolution imaging of IgG and IgM molecules by scanning tunneling microscopy in air condition. <i>Scientia Iranica</i> , 2011, 18, 1643-1646.	0.3	21

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19	Novel topical and transdermal delivery of colchicine with chitosan based biocomposite nanofibrous system; formulation, optimization, characterization, ex vivo skin deposition/permeation, and anti-melanoma evaluation. <i>Materials Chemistry and Physics</i> , 2021, 263, 124381.	2.0	19
20	Nanomolecular detection of human influenza virus type A using reverse transcription loop-mediated isothermal amplification assisted with rod-shaped gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 13575.	1.7	17
21	Relationship between stability and bioluminescence color of firefly luciferase. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 376-383.	1.6	16
22	Sensitive colorimetric assay using insulin G-quadruplex aptamer arrays on DNA nanotubes coupled with magnetic nanoparticles. <i>Royal Society Open Science</i> , 2018, 5, 171835.	1.1	16
23	<i>Echinacea purpurea</i> Polysaccharide Reduces the Latency Rate in Herpes Simplex Virus Type-1 Infections. <i>Intervirology</i> , 2009, 52, 29-34.	1.2	15
24	AS-LAMP: A New and Alternative Method for Genotyping. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 2-8.	0.2	15
25	Nanodiagnostic Method for Colorimetric Detection of <i>Mycobacterium tuberculosis</i> 16S rRNA. <i>Nanobiotechnology</i> , 2008, 4, 28-35.	1.2	14
26	Non-invasive prenatal diagnosis of β -thalassemia by detection of the cell-free fetal DNA in maternal circulation: a systematic review and meta-analysis. <i>Annals of Hematology</i> , 2016, 95, 1341-1350.	0.8	13
27	Fabrication of magnetic nanorods and their applications in medicine. <i>BioNanoMaterials</i> , 2017, 18, .	1.4	12
28	Ultrastructural characterizations of DNA nanotubes using scanning tunneling and atomic force microscopes. <i>Journal of Microscopy and Ultrastructure</i> , 2016, 4, 1.	0.1	11
29	Detection of four β -thalassemia point mutations in Iranians using a PCR-ELISA genotyping system. <i>Molecular and Cellular Probes</i> , 2008, 22, 103-109.	0.9	10
30	Fabrication of DNA nanotubes with an array of exterior magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2017, 79, 216-220.	3.8	9
31	Scanning tunneling microscopy of cauliflower-like DNA nanostructures synthesised by loop-mediated isothermal amplification. <i>IET Nanobiotechnology</i> , 2011, 5, 8-13.	1.9	8
32	Fabrication of DNA nanotubes using origami-based nanostructures with sticky ends. <i>Journal of Nanostructure in Chemistry</i> , 2015, 5, 177-183.	5.3	8
33	High-resolution melting analysis for noninvasive prenatal diagnosis of IVS-II (G-A) fetal DNA in minor beta-thalassemia mothers. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1-6.	0.7	8
34	Production of Anti-Digoxigenin Antibody HRP Conjugate for PCR-ELISA DIG Detection System. <i>Journal of Immunoassay and Immunochemistry</i> , 2006, 27, 303-318.	0.5	7
35	A multiplex restriction enzyme-PCR for unequivocal identification and differentiation of <i>Trichostrongylus</i> species in human samples. <i>Acta Tropica</i> , 2017, 173, 180-184.	0.9	7
36	Fluorescent detection of point mutation via ligase reaction assisted by quantum dots and magnetic nanoparticle-based probes. <i>RSC Advances</i> , 2017, 7, 25665-25672.	1.7	6

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37	The sensitive detection of IVSII-1 (GĒfA) mutation in beta globin gene using a Nano-based ligation genotyping system. <i>Gene</i> , 2018, 674, 98-103.	1.0	6
38	Evaluation of bacteriophage products against burn wound Methicillin-resistant Staphylococcus aureus (MRSA) infections. <i>Wound Medicine</i> , 2020, 28, 100182.	2.7	6
39	Comparison of glutathione S-transferase-Pi expression at mRNA levels in oesophageal mucosa using RT-PCR-ELISA in individuals with reflux diseases, adenocarcinoma and squamous cell carcinoma. <i>Clinical Biochemistry</i> , 2006, 39, 997-1001.	0.8	5
40	CHARACTERIZATION AND LYTIC ACTIVITY OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS(MRSA). <i>Australasian Medical Journal</i> , 2016, 09, .	0.1	5
41	Characterization of Methicillin-Resistant Staphylococcus aureus (MRSA) Phages From Sewage at a Tertiary Pediatric Hospital. <i>Archives of Pediatric Infectious Diseases</i> , 2016, 5, .	0.1	5
42	Biomolecular and structural analyses of cauliflower-like DNAs by ultraviolet, circular dichroism, and fluorescence spectroscopies in comparison with natural DNA. <i>Journal of Biomolecular Techniques</i> , 2011, 22, 60-6.	0.8	5
43	Ultra structural characteristics of methicillin resistant cell wall after affecting with lytic bacteriophages using atomic force microscopy. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 290-295.	1.0	5
44	P1983 Molecular detection of Mycobacterium tuberculosis by tHDA-ELISA DIG detection system. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S570-S571.	1.1	4
45	Allele-Specific Loop-Mediated Isothermal Amplification for the Detection of IVSII-I G>A Mutation On ĩ2-Globin Gene. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 1582-1587.	0.1	4
46	Endolysins of Bacteriophages as an Anti-Methicillin Resistant Staphylococcus aureus Infection in Children: A Narrative Review. <i>Journal of Pediatrics Review</i> , 2017, 6, .	0.1	4
47	The effect of green tea extract supplementation on sputum smear conversion and weight changes in pulmonary TB patients: A randomized controlled trial. <i>Medical Journal of the Islamic Republic of Iran</i> , 2016, 30, 381.	0.9	4
48	Smartphone-based technology for nanomolecular detection of aflatoxin B1 by aptamer-conjugated magnetic nanoparticles. <i>World Mycotoxin Journal</i> , 2022, 15, 159-169.	0.8	3
49	Cysteine/Histidine-Dependent Amidohydrolase/Peptidase (CHAP)-Displayed Nano Phages: Antimicrobial Function against Methicillin-Resistant (MRSA). <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 85-90.	0.2	2
50	Non invasive prenatal diagnosis of ?- Thalassemia, A narrative review study. <i>Bangladesh Journal of Medical Science</i> , 2017, 16, 196-202.	0.1	1
51	Isothermal Amplification Methods for the SNP Genotyping. <i>Current Molecular Medicine</i> , 2019, 19, 461-472.	0.6	1
52	Lambda Phage Nanoparticles for Targetomics. <i>Biotechnology</i> , 2012, 11, 95-99.	0.5	1
53	High Resolution Allotyping of Four Alleles of HLA-DRB1*01 Group in Iranians Using Reverse-SSOPH Assay in Comparison with DNA Sequencing and PCR-SSP. <i>Journal of Biological Sciences</i> , 2008, 8, 392-397.	0.1	1
54	Characterization and lytic activity of methicillin-resistant Staphylococcus aureus(MRSA). <i>Australasian Medical Journal</i> , 2016, 09, .	0.1	1

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55	Advanced Technologies in DNA-based Nanomedicine. Recent Advances in Drug Delivery and Formulation, 2021, 15, .	0.3	0
56	Ultrastructural Investigation of Leishmania major Promastigotes Treated with A New Potent Antileishmanial Azole Using Scanning Electron and Atomic Force Microscopes. Recent Patents on Anti-infective Drug Discovery, 2019, 13, 246-255.	0.5	0
57	Fluorescent Detection of Methicillin Resistant Staphylococcus aureus by Loop-mediated Isothermal Amplification Assisted with Streptavidin-coated Quantum Dots. Avicenna Journal of Medical Biotechnology, 2022, 14, 79-88.	0.2	0