

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 | 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 |
| 2 | Fluorescent Detection of Methicillin Resistant <i>Staphylococcus aureus</i> by Loop-mediated Isothermal Amplification Assisted with Streptavidin-coated Quantum Dots. <i>Avicenna Journal of Medical Biotechnology</i> , 2022, 14, 79-88. | 0.2 | 0 |
| 3 | Advanced Technologies in DNA-based Nanomedicine. <i>Recent Advances in Drug Delivery and Formulation</i> , 2021, 15, . | 0.3 | 0 |
| 4 | 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 |
| 5 | Evaluation of bacteriophage products against burn wound Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infections. <i>Wound Medicine</i> , 2020, 28, 100182. | 2.7 | 6 |
| 6 | AS-LAMP: A New and Alternative Method for Genotyping. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 2-8. | 0.2 | 15 |
| 7 | 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 |
| 8 | Allele-Specific Loop-Mediated Isothermal Amplification for the Detection of IVSII-H G>A Mutation On β -Globin Gene. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 1582-1587. | 0.1 | 4 |
| 9 | Isothermal Amplification Methods for the SNP Genotyping. <i>Current Molecular Medicine</i> , 2019, 19, 461-472. | 0.6 | 1 |
| 10 | Ultrastructural Investigation of <i>Leishmania major</i> Promastigotes Treated with A New Potent Antileishmanial Azole Using Scanning Electron and Atomic Force Microscopes. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2019, 13, 246-255. | 0.5 | 0 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | The sensitive detection of IVSII-1 (G>A) mutation in beta globin gene using a Nano-based ligation genotyping system. <i>Gene</i> , 2018, 674, 98-103. | 1.0 | 6 |
| 15 | Synthesis and tuning of gold nanorods with surface plasmon resonance. <i>Optical Materials</i> , 2017, 64, 376-383. | 1.7 | 45 |
| 16 | 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 |
| 17 | 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 |
| 18 | Fabrication of magnetic nanorods and their applications in medicine. <i>BioNanoMaterials</i> , 2017, 18, . | 1.4 | 12 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Non invasive prenatal diagnosis of β -Thalassemia, A narrative review study. <i>Bangladesh Journal of Medical Science</i> , 2017, 16, 196-202. | 0.1 | 1 |
| 21 | Endolysins of Bacteriophages as an Anti-Methicillin Resistant <i>Staphylococcus aureus</i> Infection in Children: A Narrative Review. <i>Journal of Pediatrics Review</i> , 2017, 6, . | 0.1 | 4 |
| 22 | High-resolution melting analysis for noninvasive prenatal diagnosis of IVS-II-I (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 |
| 23 | Non-invasive prenatal diagnosis of β^2 -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 |
| 24 | 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 |
| 25 | CHARACTERIZATION AND LYTIC ACTIVITY OF METHICILLIN-RESISTANT <i>STAPHYLOCOCCUS AUREUS</i> (MRSA). <i>Australasian Medical Journal</i> , 2016, 09, . | 0.1 | 5 |
| 26 | Characterization of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Phages From Sewage at a Tertiary Pediatric Hospital. <i>Archives of Pediatric Infectious Diseases</i> , 2016, 5, . | 0.1 | 5 |
| 27 | Characterization and lytic activity of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Australasian Medical Journal</i> , 2016, 09, . | 0.1 | 1 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Lambda Phage Nanoparticles for Targetomics. <i>Biotechnology</i> , 2012, 11, 95-99. | 0.5 | 1 |

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|----|---|-----|-----------|
| 37 | Protection of Mice by a $\hat{\lambda}$ -Based Therapeutic Vaccine against Cancer Associated with Human Papillomavirus Type 16. <i>Intervirology</i> , 2011, 54, 105-112. | 1.2 | 22 |
| 38 | Effect of ionic liquids on the structure, stability and activity of two related $\hat{\lambda}$ -amylases. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 93-97. | 3.6 | 64 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 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 | Recombinant $\hat{\lambda}$ -phage nanobiotopes for tumor therapy in mice models. <i>Genetic Vaccines and Therapy</i> , 2010, 8, 3. | 1.5 | 35 |
| 44 | Relationship between stability and bioluminescence color of firefly luciferase. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 376-383. | 1.6 | 16 |
| 45 | Differential scanning calorimetry techniques: applications in biology and nanoscience. <i>Journal of Biomolecular Techniques</i> , 2010, 21, 167-93. | 0.8 | 202 |
| 46 | <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 |
| 47 | Circular Dichroism Techniques: Biomolecular and Nanostructural Analyses—A Review. <i>Chemical Biology and Drug Design</i> , 2009, 74, 101-120. | 1.5 | 483 |
| 48 | Nanodiagnostic Method for Colorimetric Detection of Mycobacterium tuberculosis 16S rRNA. <i>Nanobiotechnology</i> , 2008, 4, 28-35. | 1.2 | 14 |
| 49 | Detection of four $\hat{\lambda}$ -thalassemia point mutations in Iranians using a PCR-ELISA genotyping system. <i>Molecular and Cellular Probes</i> , 2008, 22, 103-109. | 0.9 | 10 |
| 50 | Nucleic Acid Isothermal Amplification Technologies—A Review. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 224-243. | 0.4 | 409 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Enzyme-linked immunosorbent assay of nucleic acid sequence-based amplification for molecular detection of M. tuberculosis. Biochemical and Biophysical Research Communications, 2006, 347, 1151-1157. | 1.0 | 32 |
| 56 | 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. Clinical Biochemistry, 2006, 39, 997-1001. | 0.8 | 5 |
| 57 | Production of Anti-Digoxigenin Antibody HRP Conjugate for PCR-ELISA DIG Detection System. Journal of Immunoassay and Immunochemistry, 2006, 27, 303-318. | 0.5 | 7 |