

# Mana Oloomi

## List of Publications by Year in descending order

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69  
papers

693  
citations

687363

13  
h-index

642732

23  
g-index

69  
all docs

69  
docs citations

69  
times ranked

884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transposons: the agents of antibiotic resistance in bacteria. <i>Journal of Basic Microbiology</i> , 2018, 58, 905-917.	3.3	93
2	Vaccination with recombinant FimH fused with flagellin enhances cellular and humoral immunity against urinary tract infection in mice. <i>Vaccine</i> , 2013, 31, 1210-1216.	3.8	68
3	DNA aptamer identification and characterization for E. coli O157 detection using cell based SELEX method. <i>Analytical Biochemistry</i> , 2017, 536, 36-44.	2.4	50
4	Intranasal immunization with fusion protein MrpH $\hat{A}$ -FimH and MPL adjuvant confers protection against urinary tract infections caused by uropathogenic <i>Escherichia coli</i> and <i>Proteus mirabilis</i> . <i>Molecular Immunology</i> , 2015, 64, 285-294.	2.2	32
5	Assessment of immune responses of the flagellin (FliC) fused to FimH adhesin of Uropathogenic <i>Escherichia coli</i> . <i>Molecular Immunology</i> , 2013, 54, 32-39.	2.2	29
6	Vaccination with recombinant L7/L12-truncated Omp31 protein induces protection against <i>Brucella</i> infection in BALB/c mice. <i>Molecular Immunology</i> , 2015, 65, 287-292.	2.2	27
7	Short report: characterization of enteroaggregative <i>Escherichia coli</i> isolates from Iranian children.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001, 65, 13-14.	1.4	26
8	Relationship between Preoperative Serum CA15-3 and CEA Levels and Clinicopathological Parameters in Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 1685-1688.	1.2	23
9	Detection of the cytolethal distending toxin locus <i>cdtB</i> among diarrheagenic <i>Escherichia coli</i> isolates from humans in Iran. <i>Research in Microbiology</i> , 2005, 156, 137-144.	2.1	19
10	Comparing blood versus tissue-based biomarkers expression in breast cancer patients. <i>Heliyon</i> , 2020, 6, e03728.	3.2	19
11	Horizontal Gene Transfer and the Diversity of <i>Escherichia coli</i> , , , .		18
12	An association study between CHEK2 gene mutations and susceptibility to breast cancer. <i>Comparative Clinical Pathology</i> , 2017, 26, 837-845.	0.7	17
13	In vitro study of antioxidant and antibacterial activities of <i>Lactobacillus</i> probiotic spp.. <i>Folia Microbiologica</i> , 2018, 63, 31-42.	2.3	17
14	Molecular profile and genetic diversity of cytolethal distending toxin (CDT) $\hat{A}$ -producing <i>Escherichia coli</i> isolates from diarrheal patients. <i>Apmis</i> , 2008, 116, 125-132.	2.0	15
15	N-Terminus Leader Sequence of Shiga Toxin (Stx) 1 Is Essential for Production of Active Recombinant Protein in <i>E. coli</i> . <i>Protein and Peptide Letters</i> , 2006, 13, 509-512.	0.9	12
16	Immune response against adhesins of enteroaggregative <i>Escherichia coli</i> immunized by three different vaccination strategies (DNA/DNA, Protein/Protein, and DNA/Protein) in mice. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, 215-225.	1.6	12
17	Molecular Markers in Peripheral Blood of Iranian Women with Breast Cancer. <i>Cancer Microenvironment</i> , 2013, 6, 109-116.	3.1	12
18	Inhibition and eradication activity of truncated $\hat{I}$ -defensin analogs against multidrug resistant uropathogenic <i>Escherichia coli</i> biofilm. <i>PLoS ONE</i> , 2020, 15, e0235892.	2.5	12

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19	Study on induction of apoptosis on HeLa and Vero cells by recombinant shiga toxin and its subunits. <i>Cytotechnology</i> , 2009, 60, 105-113.	1.6	11
20	Assessment of Cytokeratin-19 Gene Expression in Peripheral Blood of Breast Cancer Patients and Breast Cancer Cell Lines. <i>Biomarkers in Cancer</i> , 2016, 8, BIC.S38229.	3.6	10
21	Designing novel construction for cell surface display of protein E on <i>Escherichia coli</i> using non-classical pathway based on Lpp-OmpA. <i>AMB Express</i> , 2017, 7, 53.	3.0	10
22	A recombinant hybrid peptide composed of AAF adhesin of enteroaggregative <i>Escherichia coli</i> and Shiga toxin B subunit elicits protective immune response in mice. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 1311-1316.	2.9	8
23	In silico analysis of Shiga toxins (Stxs) to identify new potential vaccine targets for Shiga toxin-producing <i>Escherichia coli</i> . <i>In Silico Pharmacology</i> , 2017, 5, 2.	3.3	8
24	sIL-24 peptide, a human interleukin-24 isoform, induces mitochondrial-mediated apoptosis in human cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 451-459.	2.3	8
25	Characterization of antimicrobial susceptibility, extended-spectrum $\hat{2}$ -lactamase genes and phylogenetic groups of Shigatoxin producing <i>Escherichia coli</i> isolated from patients with diarrhea in Iran. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2021, 20, 24.	3.8	8
26	Antioxidant and anticancer activities of <i>Lactobacillus Hilgardii</i> strain AG12a. <i>International Journal of Preventive Medicine</i> , 2020, 11, 132.	0.4	8
27	Comparison of multiplex PCR with serogrouping and PCR-RFLP of <i>fliC</i> gene for the detection of enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Brazilian Journal of Infectious Diseases</i> , 2011, 15, 365-369.	0.6	7
28	Attempts to Express the A1-GMCSF Immunotoxin in the Baculovirus Expression Vector System. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 749-754.	1.3	7
29	Evaluation of the immunogenic property of NT H. influenzae protein D with <i>Neisseria meningitidis</i> OMV in BALB/c. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 1345-1351.	1.2	7
30	Non-coding CK19 RNA in peripheral blood and tissue of breast cancer patients. <i>Acta Medica Iranica</i> , 2013, 51, 75-86.	0.8	7
31	Recombinant hybrid protein, Shiga toxin and granulocyte macrophage colony stimulating factor effectively induce apoptosis of colon cancer cells. <i>World Journal of Gastroenterology</i> , 2006, 12, 2341.	3.3	6
32	Selective cytotoxicity of recombinant STXA1-GM-CSF protein in hematopoietic cancer cells. <i>Cell Biology and Toxicology</i> , 2006, 22, 213-219.	5.3	5
33	Genotype Cluster Analysis in Pathogenic <i>Escherichia coli</i> isolates Producing Different CDT Types. <i>Journal of Pathogens</i> , 2016, 2016, 1-8.	1.4	5
34	Anti-tumor activity of <i>Escherichia coli</i> Shiga toxin A subunit delivered by SF9 insect cells. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 71-75.	2.5	5
35	Protective multi-epitope candidate vaccine for urinary tract infection. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 28, e00564.	4.4	5
36	Effect of shiga toxin and its subunits on cytokine induction in different cell lines. <i>International Journal of Molecular and Cellular Medicine</i> , 2014, 3, 108-17.	1.1	5

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37	Circulating Tumor Cells Detection in Patients with Early Breast Cancer Using MACS Immunomagnetic Flow Cytometry. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 148-156.	0.3	5
38	Comparison of polymerase chain reaction systems for detection of different <i>cdt</i> genes in <i>Escherichia coli</i> strains. <i>Letters in Applied Microbiology</i> , 2006, 42, 445-451.	2.2	4
39	Modulation of Molecular Biomarker Expression in Response to Chemotherapy in Invasive Ductal Carcinoma. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	4
40	<p>&lt;sup>23</sup>S</sup>; Reduces Bacterial Titer and Induces Pro-Inflammatory Cytokines in a Murine Model of Urinary Tract Infection</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2797-2807.	4.3	4
41	In Silico Design of a Poly-epitope Vaccine for Urinary Tract Infection Based on Conserved Antigens by Modern Vaccinology. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 909-921.	1.9	4
42	Comparative Study of Blood, Tissue and Serum Levels of Carcinoembryonic Antigen (CEA) Detection in Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 2979-2985.	1.2	4
43	Presence of pathogenicity island related and plasmid encoded virulence genes in cytolethal distending toxin producing <i>Escherichia coli</i> isolates from diarrheal cases. <i>International Journal of Applied &amp; Basic Medical Research</i> , 2015, 5, 181.	0.5	4
44	Expression, Purification and Functional Assessment of Smallest Isoform of Human Interleukin-24 in <i>Escherichia coli</i> . <i>Brazilian Archives of Biology and Technology</i> , 2017, 60, .	0.5	3
45	Phenotypic and Genotypic Characterization of Enteroaggregative <i>Escherichia coli</i> Strains Isolated From Diarrheic Children in Iran. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e22295.	0.5	3
46	Relationship between <i>erb-B2</i> mRNA Expression in Blood and Tissue of Invasive Ductal Carcinoma Breast Cancer Patients and Clinicopathological Characteristics of the Tumors. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 249-254.	1.2	3
47	Genetic evaluation of Locus of enterocyte effacement pathogenicity island (LEE) in Enteropathogenic <i>Escherichia coli</i> isolates (EPEC). <i>Iranian Journal of Microbiology</i> , 2013, 5, 345-9.	0.8	3
48	Immune responses of mice immunized with active recombinant shiga toxin and its derivatives. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2008, 7, 53-60.	0.4	3
49	Comparison of multiplex PCR with serogrouping and PCR-RFLP of <i>fliC</i> gene for the detection of enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Brazilian Journal of Infectious Diseases</i> , 2011, 15, 365-369.	0.6	2
50	In silico design, cloning, expression and immunologic evaluation of ED fusion protein of NT H. influenza e. <i>Microbial Pathogenesis</i> , 2017, 113, 472-479.	2.9	2
51	LncRNAs AK058003 and MVIH Overexpression in the Blood Samples of Iranian Breast Cancer Patients. <i>Iranian Biomedical Journal</i> , 2021, 25, 93-98.	0.7	2
52	Construction of a Baculovirus vector containing A subunit of Shiga toxin for protein delivery. <i>Iranian Journal of Microbiology</i> , 2013, 5, 350-5.	0.8	2
53	Quantitative CK19 biomarker detection in breast cancer cell lines. <i>Journal of Medicine and Life</i> , 2022, 15, 188-195.	1.3	2
54	Assessment of immune response of the B subunit of Shiga toxin fused to AAF $\alpha$ adhesin of Enteroaggregative <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2011, 50, 155-158.	2.9	1

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55	Effect of nontypeable Haemophilus influenzae protein E (PE) as a microbial adjuvant on the amount of antibody against PRP of Haemophilus influenzae type b (Hib) in BALB/c mice. <i>Microbial Pathogenesis</i> , 2019, 129, 78-81.	2.9	1
56	Computational evaluation of modified peptides from human neutrophil peptide 1 (HNP-1). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-9.	3.5	1
57	Genotypic and Phenotypic Comparison of Enteroaggregative Escherichia coli Isolates from HIV-Positive and Non-HIV Diarrheal Samples. <i>Current HIV Research</i> , 2014, 11, 635-641.	0.5	1
58	Comparative Effect of Recombinant Shiga Toxin in Induction of Pro- and Anti-Apoptotic Markers and Inflammatory Cytokines in Epithelial and Monocytic Cells. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e24758.	0.5	1
59	In Silico Signature Prediction Modeling in Cytolethal Distending Toxin-Producing Escherichia coli Strains. <i>Genomics and Informatics</i> , 2017, 15, 69.	0.8	1
60	In vivo characterization of fusion protein comprising of A1 subunit of Shiga toxin and human GM-CSF: Assessment of its immunogenicity and toxicity. <i>Iranian Biomedical Journal</i> , 2010, 14, 136-41.	0.7	1
61	Induction of apoptosis on K562 cell line and double strand breaks on colon cancer cell line expressing high affinity receptor for granulocyte macrophage-colony stimulating factor (GM-CSF). <i>Iranian Biomedical Journal</i> , 2008, 12, 1-6.	0.7	1
62	Evaluation of Enteroaggregative Escherichia coli (EAEC) Isolates by Multiplex PCR among HeLa Cells Adherent Isolates. <i>International Journal of Infectious Diseases</i> , 2008, 12, e461.	3.3	0
63	Analyzing of expression of novel polypeptide complexes consisting of Shiga toxin B subunit and Adherence Fimbriae of Escherichia coli based on in silico modeling. <i>Journal of Molecular Modeling</i> , 2012, 18, 4131-4139.	1.8	0
64	Construction and evaluation of vaccine candidate fimH/fliC against Escherichia coli urinary tract infection. <i>International Journal of Infectious Diseases</i> , 2012, 16, e300.	3.3	0
65	High Yield Expression and Modified Purification of Novel Recombinant Truncated Protein FimH.MrpH against Urinary Tract Infections by Escherichia coli and Proteus mirabilis. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 0, , .	0.8	0
66	Truncated D Protein as a New Vaccine Candidate Against Nontypeable Haemophilus influenza. <i>Archives of Pediatric Infectious Diseases</i> , 2018, 6, .	0.3	0
67	Protein kinase signaling by Shiga Toxin subunits. <i>Journal of Medical Signals and Sensors</i> , 2022, 12, 57.	1.0	0
68	Characterization of rabbit polyclonal sera against recombinant Shiga toxin and its subunits for detection of Stx-producing E. coli. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2011, 10, 41-6.	0.4	0
69	Bacterial DNA Detection in the Blood of Healthy Subjects.. <i>Iranian Biomedical Journal</i> , 2022, , .	0.7	0