



مقالات سال ۲۰۲۱ با وابستگی مرکز تحقیقات قارچ شناسی و باکتری شناسی پزشکی، دانشگاه علوم پزشکی کرمان

1. Salari S, Sharifi I, Bamorovat M, Almani PG. The immunity of the recombinant prokaryotic and eukaryotic subunit vaccines against cutaneous leishmaniasis. *Microbial Pathogenesis.* 2021 Feb 18;104807.
2. Aslani S, Kiaei S, Afgar A, Rubén Morones-Ramírez J, Alishah Aratboni H, Faridi A, Roberto Rivera-Mackintosh L and Kalantar-Neyestanaki D. Determination of incompatibility group plasmids and copy number of the blaNDM-1 gene in carbapenem-resistant Klebsiella pneumoniae strains recovered from different hospitals in Kerman, Iran. *Journal of Medical Microbiology.* Accepted 07 April 2021.
3. Ayubi Z, Jafari AA, Ayatollahi-Mousavi SA, Jafari H, Pandeh M. Using Comet Assay for Genotoxic Evaluation of Zataria multiflora Boiss., An Iranian Endemic Plant. *Journal of food quality and hazards control.* 2021 Feb 21.
4. Sargazi S, Hajinezhad MR, Barani M, Rahda A, Shahraki S, Karimi P, Cucchiariini M, Khatami M, Pandey S. Synthesis, characterization, toxicity and morphology assessments of newly prepared microemulsion systems for delivery of valproic acid. *Journal of Molecular Liquids.* 2021 Jun 2;116625.
5. Navabi N, Ayatollahi-Mousavi SA, Anvari N. A Comparison of the Prevalence Rate of Oral Candida Colonization between Opium Users and Cigarette Smokers in Kerman, Iran. *Addiction and Health.* 2021 May 1;13(2):106-3.
6. Pourtalebi S, Ayatollahi Mousavi SA, Asadollah Z, Mousavi SM. Assessment of Aflatoxin M1 in human breast milk in Rafsanjan City, Iran. *Current Medical Mycology.* 2021 Apr 12:1-6.
7. Ebrahimi-Zarandi M, Shahidi Bonjar Gh, Saberi Riese R, El-Shetehy M, Saadoun I and Ait Barka E. Exploring Two Streptomyces Species to Control Rhizoctonia solani in Tomato. *Agronomy* 2021, 11, 1384.

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[8. Sabir F, Zeeshan M, Laraib U, Barani M, Rahdar A, Cucchiari M, Pandey S. DNA Based and Stimuli-Responsive Smart Nanocarrier for Diagnosis and Treatment of Cancer: Applications and Challenges. Cancers. 2021 Jan;13\(14\):3396.](#)

[9. Motamedi N, Barani M, Lohrasbi-Nejad A, Mortazavi M, Riahi-Medvar A, Varma RS, Torkzadeh-Mahani M. Enhancement of Thermostability of Aspergillus flavus Urate Oxidase by Immobilization on the Ni-Based Magnetic Metal–Organic Framework. Nanomaterials. 2021 Jul;11\(7\):1759.](#)

[10. Ruiz-Pulido G, Medina DI, Barani M, Rahdar A, Sargazi G, Baino F, Pandey S. Nanomaterials for the Diagnosis and Treatment of Head and Neck Cancers: A Review. Materials. 2021 Jan;14\(13\):3706.](#)

[11. Rahdar A, Hajinezhad MR, Barani M, Sargazi S, Zaboli M, Ghazy E, Baino F, Cucchiari M, Bilal M, Pandey S. Pluronic F127/Doxorubicin microemulsions: preparation, characterization, and toxicity evaluations. Journal of Molecular Liquids. 2021 Jul 24:117028.](#)

[12. Sadeghizadeh M, Bagherian B, Vahidi H, Sabzevari S. \[Effect of applying the specific situation theory on the quality of life in patients with heart failure\]. Hayat, Journal of School of Nursing and Midwifery, Tehran University of Medical Sciences. 2021; 27\(2\): 146-160. \(Persian\).](#)

[13. Alijani H, Iravani S, Pourseyedi SH, Torkzadeh-Mahani M, Barani M & Khatami M. Biosynthesis of spinel nickel ferrite nanowhiskers and their biomedical Applications. Scientific Reports. \(2021\) 11:17431](#)

[14- Dad V, Ahmadrajabi R, Esfahani S, Saffari F. Comparative study of Staphylococcus aureus from burn patients and healthcare workers in a burn center, Yazd, Iran. Wiener Medizinische Wochenschrift. 2021 Aug 2:1-5.](#)

[15- Ahmadpoor N, Ahmadrajabi R, Esfahani S, Hojabri Z, Moshafi MH, Saffari F. High-Level Resistance to Erythromycin and Tetracycline and Dissemination of Resistance Determinants among Clinical Enterococci in Iran. Medical Principles and Practice. 2021;30\(3\):272-6.](#)



مقالات سال ۲۰۲۱ با وابستگی مرکز تحقیقات قارچ شناسی و باکتری شناسی پزشکی، دانشگاه علوم پزشکی کرمان

- 16- Ghaioumy R, Tabatabaeifar F, Mozafarinia K, Arabi Mianroodi A, Isaei E, Morones-Ramírez J, Agha Kuchak Afshari S, Kalantar-Neyestanaki D. Biofilm formation and molecular analysis of intercellular adhesion gene cluster (icaABCD) among *Staphylococcus aureus* strains isolated from children with adenoiditis. Iranian Journal of Microbiology. Volume 13 Number 4 (August 2021) 458-463.
- 17- Barani M, Sargazi S, Hajinezhad M, Rahdar A, Sabir F, Pardakhty A, Zargari F, Anwer M and Aboudzadeh A. Preparation of pH-Responsive Vesicular Deferasirox: Evidence from in Silico, In Vitro, and in Vivo Evaluations. ACS Omega XXXX, XXX, XXX–XXX. July 18, 2021.
- 18- Okey-Onyesolu CF, Hassanisaadi M, Bilal M, Barani M, Rahdar A, Iqbal J, Kyzas GZ. Nanomaterials as Nanofertilizers and Nanopesticides: An Overview. ChemistrySelect. 2021 Sep 7;6(33):8645-63.
- 19- Barani M, Hajinezhad M, Sargazi S, Zeeshan M, Rahdar A, Pandey S, Khatami M and Zargari F. Simulation, In Vitro, and In Vivo Cytotoxicity Assessments of Methotrexate-loaded pH-Responsive Nanocarriers. Polymers 2021, 13, 3153.
- 20- Singh Chauhan N, Jadoun S, Singh Rathore B, Barani M, Zarrintaj P. Redox polymers for capacitive energy storage applications. Journal of Energy Storage 43 (2021) 103218.
- 21- Sargazi S, Hajinezhad M, Rahdar A, Mukhtar M, Karamzadeh-Jahromi M, Almasi-Kashi M, Alikhanzadeh-Arani S, Barani M & Baino F. CoNi alloy nanoparticles for cancer theranostics: synthesis, physical characterization, in vitro and in vivo studies. Applied Physics A volume 127, Article number: 772 (2021).
- 22- Barani M, Zeeshan M, Kalantar-Neyestanaki D, Farooq MA, Rahdar A, Jha NK, Sargazi S, Gupta PK, Thakur VK. Nanomaterials in the Management of Gram-Negative Bacterial Infections. Nanomaterials. 2021 Oct;11(10):2535.



مقالات سال ۲۰۲۱ با وابستگی مرکز تحقیقات قارچ شناسی و باکتری شناسی پزشکی، دانشگاه علوم پزشکی کرمان

23- Sharma V, Dash SK, Govarthanan K, Gahtori R, Negi N, Barani M, Tomar R, Chakraborty S, Mathapati S, Bishi DK, Negi P. Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. Cells. 2021 Oct;10(10):2538.

24- Sargazi S, Mukhtar M, Rahdar A, Barani M, Pandey S, Díez-Pascual AM. Active Targeted Nanoparticles for Delivery of Poly (ADP-ribose) Polymerase (PARP) Inhibitors: A Preliminary Review. International Journal of Molecular Sciences. 2021 Jan;22(19):10319.

25- Barani M, Sargazi S, Mohammadzadeh V, Rahdar A, Pandey S, Jha NK, Gupta PK, Thakur VK. Theranostic Advances of Bionanomaterials against Gestational Diabetes Mellitus: A Preliminary Review. Journal of Functional Biomaterials. 2021 Dec;12(4):54.

26- Barani M, Sangiovanni E, Angarano M, Rajizadeh MA, Mehrabani M, Piazza F, Veerabhadrappa Gangadharappa H, Pardakhty A, Mehrban M, Agli MD, Nematollahi MH. Phytosomes as Innovative Delivery Systems for Phytochemicals: A Comprehensive Review of Literature. 15 October 2021 Volume 2021:16 Pages 6983—7022.

27- Zarrintaj P, Ghorbani S, Barani M, Singh Chauhan NP, Khodadadi Yazdi M, Saeb MR, Ramsey JD, Hamblin MR, Mozafari M, Mostafavi E. Polylysine for Skin Regeneration: A Review of Recent Advances and Perspectives. Bioengineering & Translational Medicine.: e10261.

28- Cao Y, Abbasi M, Alijani H Q, Akbarizadeh MR, Iravani S, Barani M, Najafi K, Khatami S, Khatami M. Ceramic magnetic ferrite nanoribbons: Eco-friendly synthesis and their antifungal and parasiticidal activity. Ceramics International. Ceramics International, 2021.10.121.

29- DehghaniSoltani M, Meftahizadeh H, Barani M, Rahdar A, Hosseinikhah SM, Hatami M, Ghorbanpour M. Guar (*Cyamopsis tetragonoloba* L.) plant gum: From biological applications to advanced nanomedicine. International Journal of Biological Macromolecules Available online 6 November 2021.

مقالات سال ۲۰۲۱ با وابستگی مرکز تحقیقات قارچ شناسی و باکتری شناسی پزشکی، دانشگاه علوم پزشکی کرمان

30- Elham Isaei MD, Maryam Rahmani MD, Atefeh Salary MD. Novel Synergistic Activity of Quercus infectoria Gall Extract with Ceftazidime Against Standard and Multiple Drug Resistant Pseudomonas aeruginosa and Escherichia coli Isolates. Arch Iran Med. September 2021;24(9):684-688

31- Kalantar-Neyestanaki D, Mansouri SH, Tajrobehkar O, Pardakhty A, Tabatabaeifar F, José Morones-Ramírez JR, Jamali Z, Isaei E. High prevalence of multi-drug resistant and different SCCmec types among coagulase-negative *Staphylococci* spp. collected from clinical samples and skin of healthcare workers in Kerman, Southeast Iran. Gene Reports Available online 12 November 2021, 101428 In Press, Journal Pre-proof.

32- Karimi P, Yazdanbakhsh A, Atamaleki A, Kariminejad F, Ahmadian M, Fallah S. Global evaluation of potentially harmful elements (PHEs) in potato and carrot irrigated by wastewater: A systematic review, meta-analysis, and health risk assessment. ۲۰۲۱:۰. -مجله مدیریت و مهندسی بهداشت محیط.

33- Barani M, Hajinezhad M R, Sargazi S, Rahdar A, Shahraki SH, Lohrasbi-Nejad A & Baino F. In vitro and in vivo anticancer effect of pH-responsive paclitaxel-loaded niosomes. Journal of Materials Science: Materials in Medicine volume 32, Article number: 147 (2021).

34- Rahdar A, Hajinezhad MR, Sargazi S, Barani M, Karimi P, Velasco B, Taboada P, Pandey P, Bameri Z, Zarei S. Pluronic F127/carfilzomib-based nanomicelles as promising nanocarriers: synthesis, characterization, biological, and in silico evaluations. Journal of Molecular Liquids Available online 7 December 2021, 118271 In Press, Journal Pre-proof.

35- Bakhshi M, Salari S, Almani PG, Afshari SA. Evaluation of the antifungal activity of *Lactobacillus reuteri* against *Candida* species. Gene Reports. 2021 Dec 1;25:101369.



مقالات سال ۲۰۲۱ با وابستگی مرکز تحقیقات قارچ شناسی و باکتری شناسی پزشکی، دانشگاه علوم پزشکی کرمان

36- Fatima I, Rahdar A, Sargazi S, Barani M, Hassanisaadi M, Thakur VK. Quantum Dots: Synthesis, Antibody Conjugation, and HER2-Receptor Targeting for Breast Cancer Therapy. Journal of Functional Biomaterials. 2021; 12(4):75.

37- Qindee M, Sargazi S, Hosseinkhah SM, Rahdar A, Barani M, Kumar Thakur V, Pandey S, Mirsafaei R. Porphyrin-Based Nanostructures for Cancer Theranostics: Chemistry, Fundamentals and Recent Advances. Chemistry – A European Journal. Volume6, Issue48. December 27, 2021. Pages 14082-14099