

list of publication

1. **Naiyf S. Alharbi**, Jamal M. Khaled, Khalid E. Alzaharni, Ramzi A. Mothana, Mansour S. Alsaid, Mansour Alhoshan,| Lawrence Arockiasamy Dass, Shine Kadaikunnan, Ahmed S. Alobaidi **(2016)** Effects of Piper cubeba L. essential oil on methicillin-resistant *Staphylococcus aureus* : an AFM and TEM study: *Staphylococcus aureus* : an AFM and TEM Study. *Journal of Molecular Recognition*.1-8 (IF:2.16)
2. Erika-Beáta Kerekes, Anita Vidács, Julianna Jenei Török, Csilla Gömöri, Tamás Petkovits, Muthusamy Chandrasekaran, Shine Kadaikunnan, **Naiyf S. Alharbi**, Csaba Vágvolgyi and Judit Krisch **(2016)** Anti-listerial effect of selected essential oils and thymol. *Acta Biologica Hungarica* 67(3): 333-343 (IF: 0.97)
3. Raja Mohamed Sait Thameem Azarudeen, Marimuthu Govindarajan, Abubucker Amsath, Shine Kadaikunnan, **Naiyf S. Alharbi**, Periasamy Vijayan, Udayan Muthukumarana and Giovanni Benelli **(2016)**. Size-controlled fabrication of silver nanoparticles using the Hedyotis puberula leaf extract: toxicity on mosquito vectors and impact on biological control agents. *RSC Advances* 6, 96573–96583 (IF 3.29)
4. Mansour S. Al-Said, Ramzi A. Mothana, Mohammed M. Al-Yahya, Syed Rafatullah, Mohammed O. Al-Sohaibani, Jamal M. Khaled, Abdulrahman Alatar, **Naiyf S. Alharbi**, Mine Kurkcuoglu and Husnu. Baser**(2016)**. GC-MS Analysis: In Vivo Hepatoprotective and Antioxidant Activities of the Essential Oil of *Achillea biebersteinii* Afan. Growing in Saudi Arabia. *Hindawi Journal*. Page 8. (IF 1.85)
5. Marimuthu Govindarajan, Shine Kadaikunnan, **Naiyf S. Alharbi** and Giovanni Benelli **(2016)** Acute toxicity and repellent activity of the *Origanum scabrum* Boiss. & Heldr. (Lamiaceae) essential oil against four mosquito vectors of public health importance and its biosafety on non-target aquatic organisms.

Environmental Science and Pollution Research. DOI 10.1007/s11356-016-7568-2 (IF: 2.97)

6. Marimuthu Govindarajan, Shine Kadaikunnan, **Naiyf S. Alharbi** and Giovanni Benelli (2016). Single-step biological fabrication of colloidal silver nanoparticles using *Hugonia mystax*: larvicidal potential against Zika virus, dengue, and malaria vector mosquitoes. *Artificial Cells*. <http://dx.doi.org/10.1080/21691401.2016.1228664> (IF: 0.95)
7. A. Sankaranarayanan, Govindarasu Munivel, Gopalu Karunakaran, Shine Kadaikunnan, **Naiyf S. Alharbi**, Jamal M. Khaled and Denis Kuznetsov (2016). Green Synthesis of Silver Nanoparticles Using *Arachis hypogaea* (Ground Nut) Root Extract for Antibacterial and Clinical Applications. *Journal of Cluster Science*. DOI 10.1007/s10876-016-1084 (IF: 1.22)
8. Bettina Bóka, László Manczinger, Anita Kecskeméti · Muthusamy Chandrasekaran, Shine Kadaikunnan, **Naiyf S. Alharbi**, Csaba Vágvölgyi and András Szekeres (2016). Ion trap mass spectrometry of surfactins produced by *Bacillus subtilis* SZMC 6179J reveals novel fragmentation features of cyclic lipopeptides. *Rapid Communications in Mass Spectrometry*. 30(13):1581-1590. (IF: 0.75)
9. Marimuthu Govindarajan, Periasamy Vijayan, Shine Kadaikunnan, **Naiyf S. Alharbi** and Giovanni Benelli (2016). One-pot biogenic fabrication of silver nanocrystals using *Quisqualis indica*: Effectiveness on malaria and Zika virus mosquito vectors, and impact on non-target aquatic organisms. *Journal of photochemistry and photobiology B. Biology* 162: 646-656 (IF: 2.24)
10. Judit Krisch, Muthusamy Chandrasekaran, Shine Kadaikunnan **Naiyf S. Alharbi** and Csaba Vágvölgyi (2016). Latest about Spoilage by Yeasts: Focus on the Deterioration Of Beverages and Other Plant-Derived Products. *Journal of food protection*. 79(5):825-829 (IF: 1.85)

- 11. Naiyf S Alharbi**, Jamal M Khaled¹, Shine Kadaikunnan, Ramzi Mothana, Ahmed Saad Alobaidi and Saleh Salmen **(2016)**. Evaluation of an efficiency of alcoholic extracts isolated from *Lagenaria siceraria* (Molina) against some antibiotic resistant clinical microorganisms. *Fresenius Environmental Bulletin* **25(8)**: 3251-3256 (IF: 0.36)
- 12.** Gopinath, V., Priyadarshini, S., MubarakAli, D., Loke, M.F., Thajuddin, N., **Alharbi, N.S.**, Yadavalli, T., Alagiri, M. and Vadivelu, J., **(2016)**. Anti-Helicobacter pylori, cytotoxicity and catalytic activity of biosynthesized gold nanoparticles: Multifaceted application. *Arabian Journal of Chemistry*.(IF: 3.61)
- 13.** Krishnasamy Nithya, Chinnasamy Muthukumar, Dharumadurai Dhanasekaran, Shine Kadaikunnan², **Naiyf S. Alharbi**, Jamal M. Khaled and Nooruddin Thajuddin¹ (2016). Production, Optimization and Partial Characterization of Thermostable and Alkaline Amylase from *Bacillus licheniformis* KSU-6. *International Journal of Agriculture and Biology* **18(08)** .(IF: 0.93)
- 14. Naiyf S. Alharbi**, Jamal M. Khaled, Shine Kadaikunnan, Obaiy Alkhottheri, Ahmed S. Alobaidi, Ramzi Mothana and Saleh H. Salmen **(2016)**. In vitro Susceptibility test for *Bacillus* species isolated from hands sterilized with instant waterless hand sanitizer. *Fresenius Environmental Bulletin*. **25(5)**:1639-1646. (IF: 0.36)
- 15.** Rmaraj Kannan, **Naiyf S. Alharbi**, Shine Kadaikunnan , Shyam Kumar Rajaram , Ronaldo Anuf Alexander **(2016)**. Insilico Analysis of Phytoconstituents from *Allium sativum* as Potential Inhibitors of Inha in *Mycobacterium tuberculosis*. Vol 59 (IF: 0.74)
- 16.** Abdulrahman Syedahamed Haja Hameed, Chandrasekaran Karthikeyan, Abdulazees Parveez Ahamed, Nooruddin Thajuddin, **Naiyf S. Alharbi**, Sulaiman Ali Alharbi and Ganasan Ravi **(2016)**. In vitro antibacterial activity of ZnO and Nd doped ZnO nanoparticles against ESBL producing *Escherichia coli* and

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18. Kotogán, Alexandra, Anita Kecskeméti, András Szekeres, Tamás Papp, Muthusamy Chandrasekaran, Shine Kadaikunnan, **Naiyf S. Alharbi**, Csaba Vágvolgyi, and Miklós Takó (2016). Characterization of transesterification reactions by Mucoromycotina lipases in non-aqueous media. *Journal of Molecular Catalysis B: Enzymatic*. 127 47-55. (IF: 2.12)
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23. Ildikó Nyilasi, Kata E. Kristó, Bettina Pálffy, Márta Hegyi¹, Muthusamy Chandrasekaran, Shine Kadaikunnan, Naiyf S. Alharbi, Papp Tamás and Csaba Vágvolgyi (2015). Hygromycin B, carboxin and nourseothricin susceptibility of polyunsaturated fatty acid producing *Mortierella* and *Umbelopsis* strains. *Acta Biologica Szegediensis*. 59(1):11-18 (IF: 0.44)
24. Alharbi SA, Salmen SH, Chinnathambi A, **Alharbi NS**, Zayed ME, Al-Johny BO, Wainwright M. (2015). Assessment of the bacterial contamination of hand air dryer in washrooms. *Saudi Journal of Biological Sciences*. 23 (2), 268-271. (IF: 1.26)
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27. Shine Kadaikunnan, Thankappan Sarasam Rejiniemon, Jamal M Khaled , **Naiyf S Alharbi** and Ramzi Mothana (2015). In-vitro antibacterial, antifungal, antioxidant and functional properties of *Bacillus amyloliquefaciens*. *Annals of*

Clinical Microbiology and Antimicrobials. (14:9 DOI 10.1186/s12941-015-0069-1) (IF: 1.51)

28. Shanmugaiah V, H. Harikrishnan, **N. S Alharbi**, K. Shine, J. M. Khaled, N. Balasubramanian, R. S Kumar. (2015). Facile synthesis of silver nanoparticles using *Streptomyces sp.vsmgt1014* and their antimicrobial efficiency. *Digest Journal of Nanomaterials and Biostructures* 10(1):179 - 187. (IF: 1.12)
29. Sulaiman M. Alnaimat · **Naiyf S. Alharbi** · Sulaiman Ali Alharbi · Saleh H. Salmen. Arunachalam Chinnathambi. Bassam O. Al-Johny and M. Wainwright (2015). Mycelium of fungi isolated from mouldy foods inhibits *Staphylococcus aureus* including MRSA A rationale for the re-introduction of mycotherapy? *Saudi Journal of Biological Sciences*. 22, 600–603. (IF: 1.26)
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33. Nooruddin Thajuddin, Asokaraja Ilavarasi, Edachery Baldev, Davoodbasha MubarakAli, **Naiyf S. Alharbi**, Arunachalam Chinnathambi and Sulaiman Ali

- Alharbi(2015). Stress Induced Lipids Accumulation in Naviculoid Marine Diatoms for Bioenergy Application. *International Journal of Biotechnology for Wellness Industries*. 4, 18-24.
34. E. Baldev, D. MubarakAli, R. Shriraman, D. Pandiaraj, **N.S. Alharbi** and N. Thajuddin (2015). Extraction and Partial Characterization of Exopolysaccharides from Marine Cyanobacteria and their Flocculation Property. *Research Journal of Environmental Sciences*. 9: 28-38.
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