

## Advanced Journal of Science and Engineering

Kun Harismah<sup>1</sup>, Osman Murat Ozkendir<sup>2</sup>, Mahmoud Mirzaei<sup>3</sup>,✉

<sup>1</sup>Department of Chemical Engineering, Faculty of Engineering, Universitas Muhammadiyah Surakarta, Surakarta, Indonesia

<sup>2</sup>Department of Natural and Mathematical Sciences, Faculty of Engineering, Tarsus University, Tarsus, Turkey

<sup>3</sup>Department of Biomaterials, Nanotechnology and Tissue Engineering, School of Advanced Technologies in Medicine, Isfahan University of Medical Sciences, Isfahan, Iran

✉ Corresponding author: M. Mirzaei; E-mail address: [mdmirzaei@pharm.mui.ac.ir](mailto:mdmirzaei@pharm.mui.ac.ir), ORCID: 0000-0001-9346-4901.

Copyright © 2021 to Advanced Journal of Science and Engineering as a Member of SciEng Publishing Group (SciEng)



This work is licensed under a [Creative Commons Attribution 4.0 International License \(CC-BY 4.0\)](https://creativecommons.org/licenses/by/4.0/).

**Received:** 15 March 2021 / **Accepted:** 15 March 2021 / **Published Online:** 30 March 2021

**CITE** Harismah K, Ozkendir OM, Mirzaei M. Advanced Journal of Science and Engineering. Advanced Journal of Science and Engineering. 2021;2(1):1-2.

**DOI** <https://doi.org/10.22034/advjscieng21021001>

**URL** <https://sciengpub.com/adv-j-sci-eng/article/view/advjscieng21021001>

**Advanced Journal of Science and Engineering** (Adv. J. Sci. Eng.); eISSN: 2717-0705; URL: <https://adv-j-sci-eng.com>, has been a multidisciplinary international research journal covering the topics of all fields of sciences and engineering established by SciEng Publishing Group (SciEng); URL: <https://sciengpub.com>, in April 2020. This double-blind peer-reviewed journal has been aimed to provide a rapid-processing platform for researchers from all around the world to share their latest findings by publishing them in this journal. First decision on submission will be made in two weeks after initial submission and the work will be published online two weeks after acceptance. The journal policy is pure Open Access without any charges for authors and readers. **Advanced Journal of Science and Engineering** has been publishing quarterly (4 issues per year) in March, June, September, and December, accepting the research works in the formats of Original Research and Review Articles in addition to Short Communications and Letters. Please visit the journal website: <https://adv-j-sci-eng.com>.

In the first year of this journal, four issues of volume 1 were published for four seasons of winter,<sup>1-7</sup> spring,<sup>8-14</sup> summer,<sup>15-21</sup> and autumn,<sup>22-28</sup> of 2020. The journal managing team always dedicate their kind thanks and regards to Dear Authors and Dear Reviewers who trusted and helped the journal to publish valuable works in the first year of journal establishing in addition to special thanks to Dear Editorial Board Members. Each issue included seven documents; one editorial note, five original research articles, and one review article. At the moment of this editorial note, all previously published works were successfully indexed by [Google Scholar](https://scholar.google.com) and [ICI – Copernicus](https://www.ici-copernicus.com). For sure, considerable attempts of the journal managing team have been dedicating to be suitable enough to be included by further indexing and abstracting systems. This issue would be achieved by the helps of authors and reviewers to publish more valuable works in **Advanced Journal of Science and Engineering** for attracting readers to use valuable research results of this journal. To this aim, the authors from all fields of sciences and engineering are gratefully invited to submit their valuable research works to the journal website through online submission system: <https://sciengpub.com/adv-j-sci-eng/about/submissions>. In case of any questions or further assistance, the e-mail address of journal is available: [adv-j-sci-eng@sciengpub.com](mailto:adv-j-sci-eng@sciengpub.com). Although the year 2020 was actually the initiation of COVID-19 pandemic<sup>29</sup> with serious impacts, establishing this journal has been aimed to prevent failures for science and engineering innovations by providing a high-quality journal for representing the latest research results.

## REFERENCES

1. Mirzaei M. Science and engineering in silico. *Advanced Journal of Science and Engineering*. 2020;1:1-2.
2. Gunaydin S, Ozkendir OM. Synchrotron facilities for advanced scientific oriented research. *Advanced Journal of Science and Engineering*. 2020;1:3-6.
3. Ozkendir OM. Electronic sStructure study of Sn-substituted InP semiconductor. *Advanced Journal of Science and Engineering*. 2020;1:7-11.
4. Tarique M. Probing the binding fashion in coordination compounds of D-block metals with versatile dithiocarbamate N and S containing ligand. *Advanced Journal of Science and Engineering*. 2020;1:12-15.
5. Soleimanimehr H, Mirzaei M, Ghani M, Sattari F, Najafabadi AF. Micro-grooving of aluminum, titanium and magnesium alloys by *Acidithiobacillus ferrooxidans* bacteria. *Advanced Journal of Science and Engineering*. 2020;1:16-19.
6. Hematpour N, Ahadpour S, Behnia S. A chaotic quantum secure communication scheme based on a mixed open system. *Advanced Journal of Science and Engineering*. 2020;1:20-26.
7. Mahdiraji EA, Shariatmadar SM. Improving flexibility and control the voltage and frequency of the island micro-grid using storage devices. *Advanced Journal of Science and Engineering*. 2020;1:27-31.
8. Harismah K, Mirzaei M. COVID-19: a serious warning for emergency health innovation. *Advanced Journal of Science and Engineering*. 2020;1:32-33.
9. Bozorgian A. Methods of predicting hydrates formation. *Advanced Journal of Science and Engineering*. 2020;1:34-39.
10. Yahyavi M, Behnia S, Zamani A. Suppressing chaotic oscillations of a spherical cavitation bubble by slave-master feedback. *Advanced Journal of Science and Engineering*. 2020;1:40-47.
11. Ulfat I, Ahmed SA, Iqbal SMZ, Kamaluddin S, Mehmood Z, Kanwal S. Synthesis and characterization of gold nanoparticles. *Advanced Journal of Science and Engineering*. 2020;1:48-51.
12. Arjangi A, Soleimanimehr H, Mirzaei M. Simulation of rock drilling process using smoothed-particle hydrodynamics method. *Advanced Journal of Science and Engineering*. 2020;1:52-58.
13. Jahangir M, Iqbal ST, Shahid S, Siddiqui IA, Ulfat I. MATLAB simulation for teaching projectile motion. *Advanced Journal of Science and Engineering*. 2020;1:59-61.
14. Faramarzi R, Falahati M, Mirzaei M. Interactions of fluorouracil by CNT and BNNT: DFT analyses. *Advanced Journal of Science and Engineering*. 2020;1:62-66.
15. Mirzaei M. Nanotechnology for science and engineering. *Advanced Journal of Science and Engineering*. 2020;1:67-68.
16. Khan MM, Khan DK. Bio-motivated geomagnetic navigation based on leading angle technique and parameters. *Advanced Journal of Science and Engineering*. 2020;1:69-73.
17. Harismah K, Ozkendir OM, Mirzaei M. Lithium adsorption at the C20 fullerene-like cage: DFT approach. *Advanced Journal of Science and Engineering*. 2020;1:74-79.
18. Soleimanimehr H, Hosseini Z, Habibi M, Mostajeran Goortani B. Energy harvesting from wind by piezoelectric for autonomous remote sensor. *Advanced Journal of Science and Engineering*. 2020;1:80-85.
19. Umer M, Khan MM. Smart home automation using ATMEGA328. *Advanced Journal of Science and Engineering*. 2020;1:86-90.
20. Ansari M, Haghighi SE, Soleimanimehr H, Madanipour M. An optimized single motor 1 DOF tendon-based transmission. *Advanced Journal of Science and Engineering*. 2020;1:91-97.
21. Naz I, Khan MM. Improvement of quantum circuits using H-U-H sandwich technique with diagonal matrix implementation. *Advanced Journal of Science and Engineering*. 2020;1:98-103.
22. Mirzaei M. NBIC: convergence of nano-bio-info-cogno concepts. *Advanced Journal of Science and Engineering*. 2020;1:104-105.
23. Ghotekar S, Pagar K, Pansambal S, Murthy HA, Oza R. A review on eco-friendly synthesis of BiVO<sub>4</sub> nanoparticle and its eclectic applications. *Advanced Journal of Science and Engineering*. 2020;1:106-112.
24. Ilyas N, Farrukh S. Wedge angle confirmation in computer controlled wedge field. *Advanced Journal of Science and Engineering*. 2020;1:113-117.
25. Behnia S, Nemati F, Fathizadeh S, Salimi M. Heat driven spin currents in DNA chains. *Advanced Journal of Science and Engineering*. 2020;1:118-121.
26. Agil H, Akduran N. Structural, electrical and magnetic properties of FeO added GdBaCuO superconductors. *Advanced Journal of Science and Engineering*. 2020;1:122-127.
27. Rezaei H, Soleimanimehr H, Etemadi Haghighi S, Shankayi M, Gholampour Darzi J. Modular intelligent fixture design for bodywork of electric vehicles. *Advanced Journal of Science and Engineering*. 2020;1:128-132.
28. Pagar T, Ghotekar S, Pansambal S, Pagar K, Oza R. Biomimetic synthesis of CuO nanoparticle using *Capparis decidua* and their antibacterial activity. *Advanced Journal of Science and Engineering*. 2020;1:133-137.
29. Ozkendir OM, Askar M, Kocer NE. Influence of the epidemic COVID-19: an outlook on health, business and scientific studies. *Lab-in-Silico*. 2020;1:26-30.

Please visit the journal homepage:

<https://adv-j-sci-eng.com>