

Editorial, Volume 4 (2019)

On behalf of the Editorial Board, it is with great pride and sincere privilege that I am writing this message to present the volume 4 (2019) of the *To Chemistry Journal*. The issue comes from a long process, and we took all the necessary steps to make it a high-caliber scientific publication. We are relying on the collaboration of all our Editors, reviewers, and contributors to make it a contemporary, lively, and relevant publication.

It is clear from this collection of articles that the research in this particular area is flourishing. It is hoped that this article will motivate researchers to contribute to the future advancement of this interesting research area.

This issue features nine scientific papers. The first contribution, B.G. Golovkin, proposed a method for calculating the temperature distribution of gas molecules depending on the gas temperature T .

The second paper, by A. M. Alkheraz et al. presents the study of investigating the efficiency of palm leaves activated carbon on the removal of lead (Pb), zinc (Zn), copper (Cu), and cadmium (Cd) from the aqueous solution.

In the third paper, by Deepak D. Kayande and co-workers, the described method combines low instrumental requirements with short preparation time and high precision and selectivity for polymers. The validated parameters show a good range for polymer determination with high precision. Therefore, the present method can be considered as simple, fast, and easy to apply, making it very suitable for routine analysis in quality control of PLGA based systems.

In the fourth paper, by Nosrat Daryapour et al., the complex formation of quinoline aza oxa thia 17-crown-6 (L) with some metal cations (K^+ , Na^+ , Li^+ , Mg^{2+}) has been studied theoretically. The calculations were conducted at the HF/6-31g and HF/LanI2DZ levels of theory.

In the fifth paper, by Mohamed Elbagermi et al., ten honey samples were collected from markets in Misurata, Libya. The results of this study clearly show that honey samples collected from eight locations in the west of Libya have good properties and high concentrations of essential elements and may be considered as a useful dietary source of these elements for human consumption when taken freshly in crude form or manufactured in honey products. The Libyan honey studied here compared favourably with honey from other countries and were rich in phenolics and flavonoids, confirming that this honey can be used as natural food ingredients as well as a rich source of antioxidants in the human diet.

In the sixth paper, by Krzysztof K. Zborowski, possible structures of imidazole, pyrazole, and their semi saturated and fully saturated derivatives have been studied at the DFT and ab initio computational levels. Calculations have been performed using several computational schemes (BLYP, PBE0, CAM-B3LYP, wB97XD, M06, MP2, CBS-QB3, and G4 methods have been employed) and the 6-311++G** basis set.

In the seventh paper, by H. H. M. Darweesh and M. R. Abo El-Suoud, the effect of the substitution of palm ash (PA) on the physico-chemical and mechanical properties of Portland cement pastes (OPC) was clearly evaluated.

In the eighth paper, by G. Pushpa Raju and co-workers, the ternary systems of Co(II), Ni(II), and Cu(II) complexes with Mercaptosuccinic acid as Primary Ligand and 1, 10-Phenanthroline as Secondary Ligand are investigated. The stability constants of the complexes were determined pH metrically in Dimethylformamide medium at 303K and $I = 0.16$ mol/L NaCl. The predominant species detected are MLX, ML_2X , $MLXH$, and MLX_2H .

Finally, in the paper of Zubair Rehman et al., the study was planned to assess the phosphorous status of apple orchards around Quetta valley through the soil and plant analysis. Two hundred soil samples were acquired

from 40 different locations of 05 orchards at 0-15, 15-30, 30-45, 45-60, 60- 75, and 75-90 cm depths. The soil samples were analysed for available phosphorous by AB-DTPA method.

To Chemistry journal has adopted new policies in 2019.

Peer Review Policy: Journal uses a blind peer review system to ensure originality, timeliness, relevance, and readability.

Open Access Statement: All articles published in To Chemistry Journal are fully open access, immediately freely available to read, download, and share.

Plagiarism Policy: To Chemistry Journal will check plagiarism for all the articles before prior publication.

Digital Archiving Policy: To Chemistry Journal have electronic backup and preservation of access to the content of its journals via [PKP Preservation Network \(PKP PN\)](#).

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We welcome new Editorial Board members who began their terms in January 2019: Dr. V D N Kumar Abbaraju, Dr. Mohamed Aly Saad Aly, Dr. Mohammed Gamal, Dr. Mukesh C. Joshi, Dr. Ashutosh Kumar Dash, Masoud Mohammadi.

We thank Editorial Board members who rotated off the Board: Dr. Bashir Ahmad Dar, Prasanta Dhak, Dr. Sannapaneni Janardan, Dr. Leticia Casique, Dr. Kholil, Prof S. Magibalan, Prof. Dr. Alireza Heidari, Dr. Ahmed Mutanabbi Abdula, Prof. Mohammad Abul Hossain, Prof. Mohammad S. Al-Ajely, Dr. Ahmad A. Ahmad, Dr. Arvind Prasad Dwivedi, Dr. Nepalraj A

As Editorial team, our goal for 2020 is to build on the good foundation laid in 2019, improve the reputation of the journal and improve its indexing databases, citation, and impact factor. In this regard, we welcome articles/papers that cover wide-ranging topics in chemistry.

We are also committed to making speedy editorial decisions. Quality reviewer reports first editorial decisions within 6–8 weeks, and second (and final) editorial decisions within 4 weeks' of receiving revised papers are all part of our vision for taking the journal forward.

We promise to improve and promote our role in this partnership and therefore look forward to your valued contributions to the journal in 2020.

Finally, I would like to take this opportunity to show gratitude to all of the authors, referees, and Editorial Board members for their immense efforts and contributions in making this issue valuable reading for all who are fascinated by the recent advancements in the various arena of chemistry. I anticipate that the readers will definitely enjoy the contributors' work published in this issue as much as we have. Finally, I wish you a happy and wonderful 2020.

Editor-in-Chief

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