

Annual Report 2021 of Current Applied Science and Technology

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Current Applied Science and Technology journal (formerly KMITL Science and Technology Journal) has been published by King Mongkut's Institute of Technology Ladkrabang (KMITL) since its inception as KMITL Science Journal in 2001. In July 2017, the title of journal has been changed to Current Applied Science and Technology and printed online only. The journal is an open access peer-reviewed and double blinded journal which publishes online original academic research and review articles in the fields related to applied science and technology.

Current Applied Science and Technology journal was submitted to Scopus database on 3 December 2018 via TCI-TRF-Scopus Collaboration Project and the journal was accepted to be indexed in Scopus on 14 January 2019. At present the journal is currently under the responsibility of the Office of Academic Journal Administration, President's Office, KMITL, Thailand. Apart from indexing in Scopus, the journal is also indexing in ACI (ASEAN Citation Index), TCI (Thai Citation Index) Tier 1 and Scimago Journal Rank (SJR): Q4. The journal provides a service called Advanced Online Publication (AOP) or Online First Publication, which is beneficial to both the authors and the readers and there is no page charge for submission. All articles can be freely downloaded from the journal website: <https://li01.tci-thaijo.org/index.php/cast>.

Articles published in 2021

In the year 2021, the journal published 60 articles in Vol. 21 No. 1 (January-March), No. 2 (April-June), No. 3 (July-September) and No. 4 (October-December). There are 5 articles from KMITL, 26 articles from outside KMITL and 29 articles from overseas. The number of manuscripts submitted for publication in 2019, 2020 and 2021 are compared and shown in Figure 1. From the Figure, the number of manuscripts submitted increased from 62 in the year 2019 to 244 and 374 articles in the year 2020 and 2021, respectively. The acceptance rates in 2020 and 2021 are 27.89% and 15.95% (Figure 2). The top ten countries of authors submitting manuscripts to be published in the journal are shown in Figure 3 where Thailand (28.08%), India (25.12%) and Iraq (7.64%) are among the top three countries. The average duration process for publication is 162.98 days (received to accepted dates) and 35.98 days (revised to accepted) as shown in Figure 4. The subject area and category of published articles in 2021 according to SJR are in 3 categories with equal percentage: 1) Agricultural and Biological Sciences (Agricultural and Biological Sciences (miscellaneous) and Agronomy and Crop Science), 2) Biochemistry, Genetics and Molecular Biology (Biotechnology) and 3) Environmental Science (Environmental Engineering) as shown in Figure 5. Scopus cite score in 2019-2021 is shown in Figure 6 whereas the numbers of articles cited in Scopus and TCI are presented in Figure 7 with increasing number from 5 and 77 in 2019 to 106 and 85 articles in 2021, respectively. The most cited article in Scopus is "Characterization, Functionality and Antioxidant Activity of Water-Soluble Proteins Extracted from *Bombyx Mori* Linn." published in 2018 followed by "Antimicrobial Activity of Edible Electrospun Chitosan/Cellulose Acetate/Gelatin Hybrid Nanofiber Mats incorporating Eugenol" published in 2019. The most cited article in TCI is "Antibacterial Activity of Crude Ethanolic Extracts and Essential Oils of Spices Against *Salmonellae* and Other Enterobacteria" published in 2006 followed by "Preparation of Red Yeast Rice Using Various Thai Glutinous and *Monascus purpureus* CMU001 Isolated from Commercial Chinese Red Yeast Rice Sample" published in 2007 and "Importance of Aflatoxins" published in 2002.

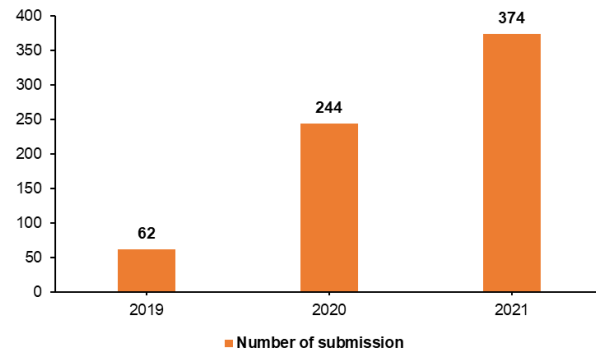


Figure 1. Comparison between numbers of manuscripts submitted in 2019-2021

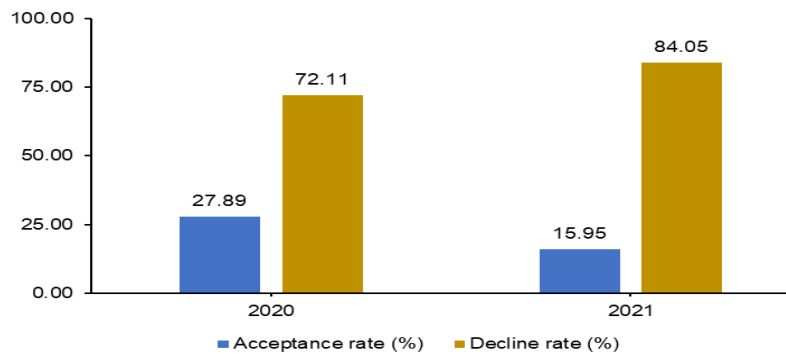


Figure 2. Comparison between acceptance rate (%) and rejection rate (%) in 2020 and 2021

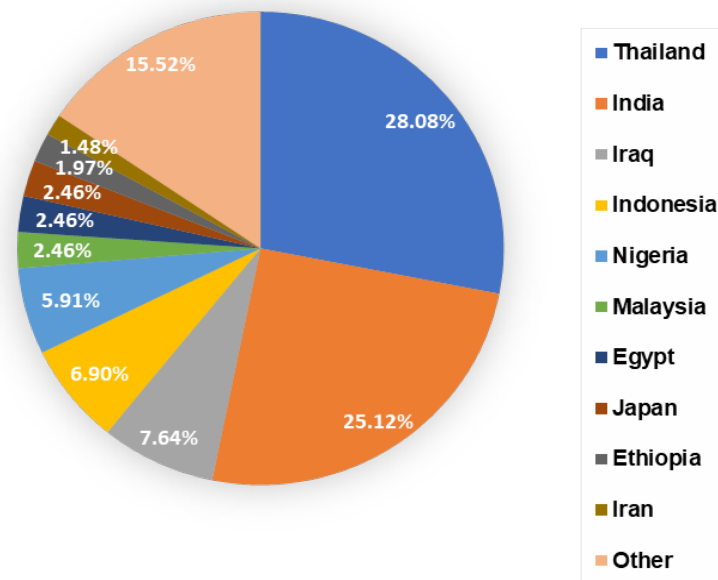


Figure 3. The top 10 countries of authors who submitted manuscripts for publication in Current Applied Science and Technology journal in 2021

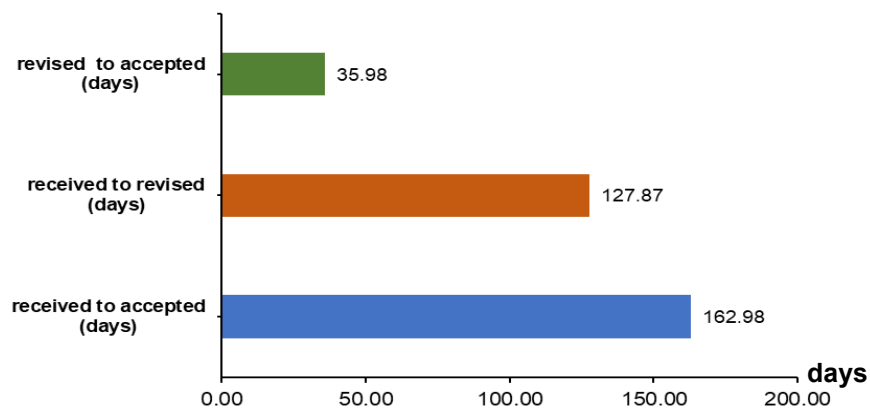


Figure 4. Average duration process of articles published in Vol. 21 Nos. 1-4

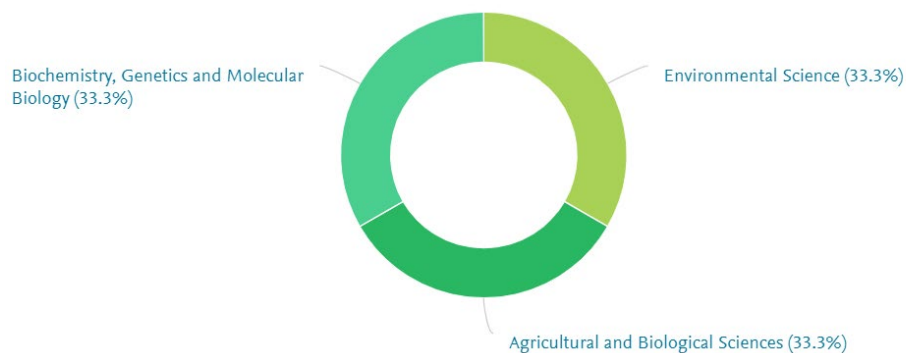


Figure 5. Subject area and category of published articles in 2021

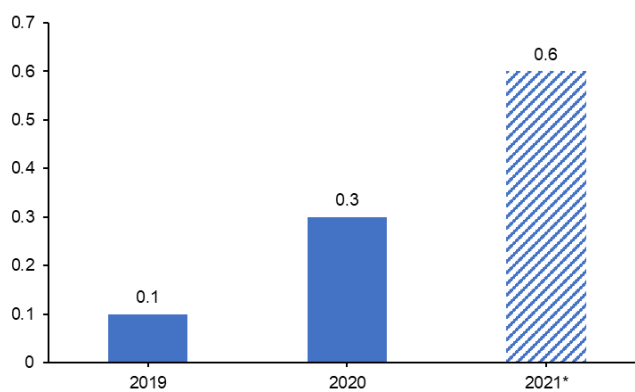


Figure 6. Scopus cite score in 2019-2021
*last updated on 5 January 2022



Figure 7. Numbers of articles cited in Scopus and TCI in 2019-2021

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