

Annual Report 2020 of Current Applied Science and Technology

Editor-in-Chief: Assoc. Prof. Dr. Dusanee Thanaboripat

Current Applied Science and Technology (CAST) 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 2010 the journal was published in both print and electronic forms starting from volume 10. Since July 2017 the journal title has been changed to Current Applied Science and Technology and printed online only. In 2018 CAST journal was submitted to Scopus database on 3 December via TCI-TRF-Scopus Collaboration Project and the journal was accepted to be indexed in Scopus on 14 January 2019. CAST journal is currently under the responsibility of the Office of Academic Journal Administration, President's Office, KMITL, which is a newly established office founded on 25 February 2020.

At present CAST journal is indexing in Scopus, ACI (ASEAN Citation Index), TCI (Thai Citation Index) Tier 1 and Scimago Journal Rank (SJR): Q4. The journal is an open access peer-reviewed and double blinded journal. Aims and scope of the journal are to provide a platform for researchers, scientists and academicians to share knowledge and ideas in the form of high-quality articles covering the main fields of Biotechnology, Environmental Science, Agricultural Technology, Food Science and other fields related to Applied Science and Technology. Special issues devoted to important topics in advanced science and technology will occasionally be published. There is no page charge for submission and all articles can be freely downloaded from the journal website: <https://li01.tci-thaijo.org/index.php/cast>.

Articles published in 2020

In the year 2020, CAST published volume 20 comprised 3 issues, i.e. No.1 (January-April), No.2 (May-August) and No. 3 (September-December). There are 45 articles published in which 4 articles are from KMITL, 22 articles from outside KMITL and 19 articles from 11 countries. Numbers of articles submitted for publication and the top countries of authors from which articles were accepted are presented in Table 1, Figure 1 and Table 2. Average duration of articles received, revised and accepted is shown in Figure 2. Table 3 presents the numbers of published articles (Vol. 20 No. 1-3) from KMITL, other organization in Thailand and overseas whereas the numbers of articles cited in TCI index and Scopus are presented in Tables 4 and 5.

Strength and progress of CAST

Advanced online publication seems to be our strength due to the increasing numbers of submission and the effectiveness of CAST editorial board and editorial management team of KMITL. In the year 2021, 4 issues with total numbers of 60 articles will be published and the total numbers of 90 articles will be published in 2022 with 6 issues.

Table 1. Numbers of articles submitted in Years 2018-2020 (1 January -31 December)

Details	2018	2019	2020
Submission	31	62	244
Decline by Turnitin	0	1	57
Decline by Editors	0	0	30
In process	-	-	86
Rejection for publication	8	17	19
Acceptance	9	24	41
Acceptancerate rate (%)[*]	29.03	38.71	28.27

Note: * Acceptance rate does not include manuscripts in process.



Figure 1. Comparison between submission rate and acceptance rate among years 2018-2020

Table 2. The top countries of authors listed in articles which were accepted to be published in CAST.

Country	Number of authors		
	2018	2019	2020
Thailand	57	71	86
Australia	1	-	-
Bangladesh	-	-	1
Egypt	9	9	20
Ethiopia	-	-	4
India	6	-	4
Indonesia	1	-	-
Iraq	-	-	7
Japan	-	3	3
Malaysia	-	-	5
Morocco	-	-	2
Russia	-	-	2
Saudi Arabia	-	1	-
South Korea	-	1	-
Sweden	-	1	-
Ukraine	-	-	6
United States	1	-	1
Total no. of authors	75	86	141

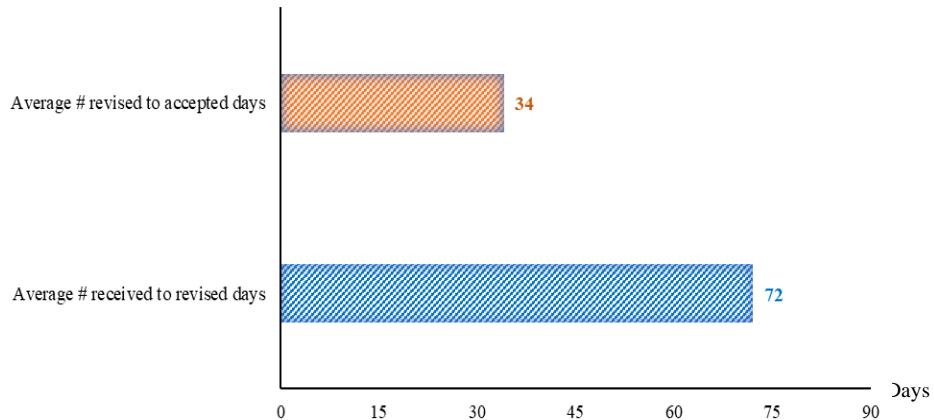


Figure 2. Average duration between received, revised and accepted articles for publication in Vol. 20 No. 1-3

Table 3. Numbers of published articles from KMITL, other organization in Thailand and overseas in Vol. 20 No. 1-3

Affiliation	Numbers of published articles in 2020		
	Vol. 20 No. 1	Vol. 20 No.2	Vol. 20 No. 3
KMITL	3	0	1
Other organization in Thailand*	7	9	6
Overseas**	5	6	8
Total	15	15	15

* Articles with author from KMITL and other organization in Thailand are also counted in this category.

**Articles with author from KMITL and other organization outside Thailand are also counted in this category.

Table 4. The most articles cited in TCI index

Title	Year published	Cited
Antibacterial Activity of Crude Ethanolic Extracts and Essential Oils of Spices Against <i>Salmonellae</i> and Other Enterobacteria	2005	6
Preparation of Red Yeast Rice Using Various Thai Glutinous and <i>Monascus purpureus</i> Cmu001 Isolated from Commercial Chinese Red Yeast Rice Sample	2007	5
Importance of Aflatoxins	2002	4
Screening of Fungi for the Control of <i>Aspergillus parasiticus</i>	2009	3
Major Diseases of Lettuce Grown by Commercial Nutrient Film Technique in Thailand	2008	3
Inhibition of Aflatoxin Production and Growth of <i>Aspergillus flavus</i> by Citronella Oil	2004	3

*Updated 12/26/2020

Table 5. Number of articles cited in Scopus

Title	Year published	Cited
General Performance, Combining Abilities and Heritability of Yield and Yield Component Traits in Pumpkin (<i>Cucurbita moschata poir.</i>) at Different Conditions	2017	2
Healthcare Service Network Analysis: Northern Region's Healthcare Service Network of Cleft Lip and Cleft Palate	2020	1
Dynamic Maintenance Scheduling with Fuzzy Data via Biogeography-Based Optimization Algorithm and Its Hybridizations	2020	1
Worst Case Analyses of Nearest Neighbor Heuristic for Finding the Minimum weight k -cycle	2020	1
Fabrication of Activated Carbon Pouch Cell Supercapacitor: Effects of Calendering and Selection of Separator-Solvent Combination	2020	1
Geographic Information System-Based Analysis to Identify the Spatiotemporal Patterns of Road Accidents in Sri Racha, Chon Buri, Thailand	2020	1
Resistance to Quinone-outside Inhibitor (QoI) Fungicides in <i>Colletotrichum</i> Species Isolated from Anthracnose Disease Occurring in Thailand	2020	1
Effect of Crude Ethanolic Extracts from Bottle Brush (<i>Callistemon viminalis</i>) against Leaf Spot Fungi and Their Phytotoxicity on Lettuce (<i>Lactuca sativa L.</i>)	2020	1
Production of Fiber Hydrolysate from Bamboo Shoot with Antioxidative Properties by Enzymatic Hydrolysis	2019	1
UV Shielding Properties of Cellulose/TiO ₂ Composite Film	2018	1
Genetic Diversity in Egyptian Goats Based on Microsatellite Markers	2017	1
The Dynamical Model of Dengue Vertical Transmission	2017	1

*Updated 12/26/2020

Cite Score Tracker 2020 = 0.3

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