Definition of short paper types for *BDM*			
Article type	Definition	Page limit	Example
Editorials	An *editorial* is usually solicited. This article type might be written by invited experts from a specific field summarizing a special issue, or it might be written by editors to report brief but important materials which we wish to share with readers. An editorial should be a prospective view that is also timely or with a clear humanistic edge.	~2-3 pages	[3,4,8]
Perspectives	A *perspective* "should identify a critical science problem, provide a state-of-the-art assessment, and offer new insights or a new approach to its resolution" [5], usually from a personal view point.	~3-6 pages	[9,10]
Letters	A *letter* is "a short report of original research focused on an outstanding finding whose importance means that it will be of interest to scientists in other fields" [6].	~2-3 pages	[11]
Technical Notes	A *technical note* usually "gives a brief description of a specific development, technique or procedure, or presents a software tool or an experimental or computational method" [12] with great novelty and (potential) practical value.	~3-5 pages	[13]
News & Views	This kind of article "informs non-specialist readers about new scientific advances" [7] that have recently been published in *BDM* or another journal with similar scope.	~2-3 pages	[14,15]
Products & Materials	This kind of article introduces advanced materials and products that would significantly influence the development trend in related fields, briefly showing the ingredients, operation, and the corresponding novelty (a key picture is required).	~1-2 pages	[16]
Case Reports	A *Case Report* usually "describes patient cases which are of particular interest due to their novelty and their potential message for clinical practice" [17]. In the case of such papers submitted to this journal, engineering (mainly bio-design and manufacturing) techniques should be applied. Much attention should be paid to the comprehensiveness of clinical information, completeness of course of illness, and accuracy of diagnosis. Due to its specific characteristics, Informed Consent Form is required in addition to the privacy protection of patients.	~3-5 pages	
Lab Reports	A *Lab Report* introduces famous labs related to *BDM*'s scope in both domestic and overseas, illustrates research directions to readers, highlights advanced equipment and key research groups.	~2-3 pages	[18]
Negative Results	A *negative result* shows an unexpected conclusion based on one's anticipation; most importantly, it would warn peers "what does not work," avoiding wasting time but trying another path [19].	~2-3 pages	

Samples for Editorials:

[3] Thorp HH, 2021. Self-inflicted wounds. Science, 374(6569):793. https://doi.org/10.1126/science.abn1244

[4] Thorp HH, 2021. It's not as easy as it looks. Science, 374(6575):1537. https://doi.org/10.1126/science.abn7633

[8] Zhang YS, Khademhosseini A, 2020. Engineering in vitro human tissue models through bio-design and manufacturing. Bio-des Manuf, 3(3):155-159. https://doi.org/10.1007/s42242-020-00080-w

Samples for Perspectives:

[9] Huang X, Yang J, Huang S, et al., 2021. Minimally invasive technology for continuous glucose monitoring. Bio-des Manuf. https://doi.org/10.1007/s42242-021-00176-x

[10] van Derleun AM, Schumacher TN, 2021. An atlas of intratumoral T cells. Science, 374(6574):1446-1447. https://doi.org/10.1126/science.abm9244

Sample for Letters:

[11] McGrew WC, 2021. Cultural diffusion occurs in chimpanzees. PNAS, 118(51):e2116042118. https://doi.org/10.1073/pnas.2116042118

Sample for Technical Notes:

[13] Xie M, Zheng Y, Gao Q, et al., 2021. Facile 3D cell culture protocol based on photocurable hydrogels. Bio-des Manuf 4(1):149-153. https://doi.org/10.1007/s42242-020-00096-2

Samples for News & Views:

[14] Ma L, 2021. Industry news: 2020 high-impact publications in the BDM area. Bio-des Manuf 4(1):154-156. https://doi.org/10.1007/s42242-020-00123-2

[15] He Y, 2021. Biomanufacturing: from biomedicine to biomedicine. Bio-des Manuf, 4(4):912-913. https://doi.org/10.1007/s42242-021-00161-4

Sample for Products & Materials:

[16] New products, 2021. Science, 374(6573):1404. https://doi.org/10.1126/science.acx9756

Sample for Lab Reports:

[18] Gao L, Zhang B, Ma L, et al., 2018. Research lab on 3D bioprinting of Zhejiang University. Bio-des Manuf 1(3):211-214. https://doi.org/10.1007/s42242-018-0016-z

Other references used in definitions:

[5] PNAS. https://www.pnas.org/authors/submitting-your-manuscript#article-types [Accessed on Dec. 26, 2021].

[6] Nature. https://www.doc88.com/p-193328601462.html [Accessed on Dec. 26, 2021].

[7] Nature. https://www.nature.com/nature/for-authors/other-subs [Accessed on Dec. 26, 2021].

[12] Ng KH, Peh WCG, 2010. Writing a technical note. Singapore Med J, 51(2):101-103. PMID:20358146.

[17] Papanas N, Lazarides MK, 2008. Writing a case report: polishing a gem? Int Angiol, 27(4):344-349. PMID:18677298.

[19] Journal of Trial and Error, the Netherlands. https://www.jtrialerror.com. Accessed 26 Jan 2022