

University of Groningen

iMeta progress and acknowledgment of reviewers in 2022

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iMeta progress and acknowledgment of reviewers in 2022

“iMeta” is an open-access Wiley partner journal launched by iMeta Science Society consisting of worldwide scientists in bioinformatics and metagenomics. iMeta aims to promote microbiome and bioinformatics research by publishing original research, methods/protocols, and reviews. The goal is to publish high-quality papers (top 10%) targeting a broad audience. Unique features include video submission, reproducible analysis, figure polishing, APC waiver, and promotion by social media with 500,000 followers [1]. In 2022, iMeta released four issues (Figure 1), including 60 publications with a total of 340 citations (<https://app.dimensions.ai/> by December 31, 2022). The top three highly cited papers were ImageGP [2], Majorbio Cloud [3], and Sangerbox [4], with more than 50 citations, respectively.

Since the first paper was published in February and the first issue was released on March 2022, publications

of iMeta have been indexed in several databases, including Google Scholar (<https://scholar.google.com/citations?user=u181x38AAAAJ>), Crossref (https://search.crossref.org/?q=imeta&from_ui=yes), CNKI (<https://www.cnki.net/>), Dimensions (https://app.dimensions.ai/discover/publication?and_facet_source_title=jour.1412973), PubMed (partial, <https://pubmed.ncbi.nlm.nih.gov/?term=%222770-596X%22>), DOAJ (<https://doaj.org/toc/2770-596X>), and Scopus (<https://suggestor.step.scopus.com/progressTracker/?trackingID=E44A9E02E9092B0D>) (Figure 2A).

According to Wiley (<https://insights.wiley.com/>), publications of iMeta display board interest of audiences, attracting 115,809 downloads from 165 countries and regions in 2022 (Figure 2B, Supporting Information: Table S1). Notably, a single publication “Complex heatmap visualization” [5] has been downloaded 11,537 times in 2022 (Supporting Information: Table S2).



FIGURE 1 Brief introduction of covers from 2022 issues. Issue 1: The galaxy represents the complexity and value of bioinformatics and metagenomics. DNA, which represents genetic components that guide biological diversity, is at the center of the galaxy. The spiral arms are the microbiome welcoming scientists from all over the world to make novel discoveries. Let us usher in the metaverse era of the microbiome. Issue 2: iMetaLab, a metaproteomics platform from Daniel Figey's group. The figure represents the visualization of big data mining from the ocean of microbiomes. The implication is that various omics in microbiome research can develop useful and easy-to-use analysis tools, and create high-quality analysis platforms as an infrastructure. Issue 3: Sunflower Orobanche Microbiome, sunflower-microbe interaction in the prevention and control of Orobanche parasitism by a team of Academicians James M. Tiedje and Yanbing Lin. The style of painting pays homage to Van Gogh's sunflower, the masterpiece of Impressionism, and research on plant microbiome, which represents vitality, flourish, and the sustainable development of agriculture. Issue 4: TCM-Suite, a digital analysis platform for traditional Chinese medicine identification and pharmacology network research from Kang Ning's group. The cover reflects the collision and integration of traditional Chinese medicine knowledge and modern omics data under the blessing of artificial intelligence and represents the new vitality of traditional Chinese medicine with the help of modern technologies.

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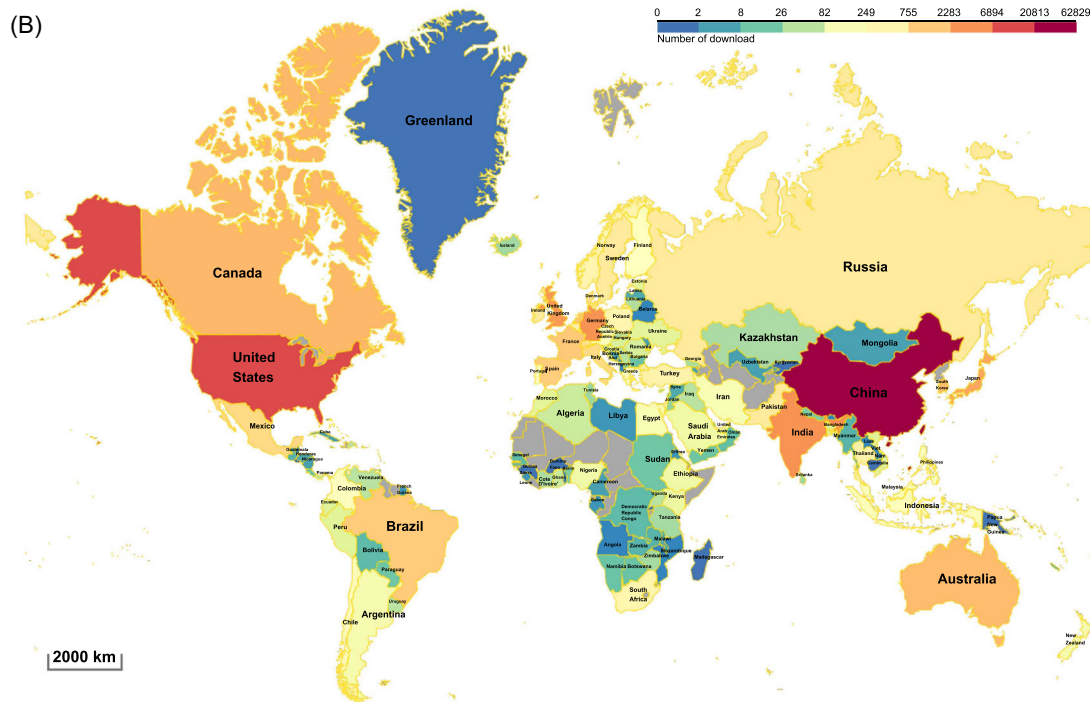
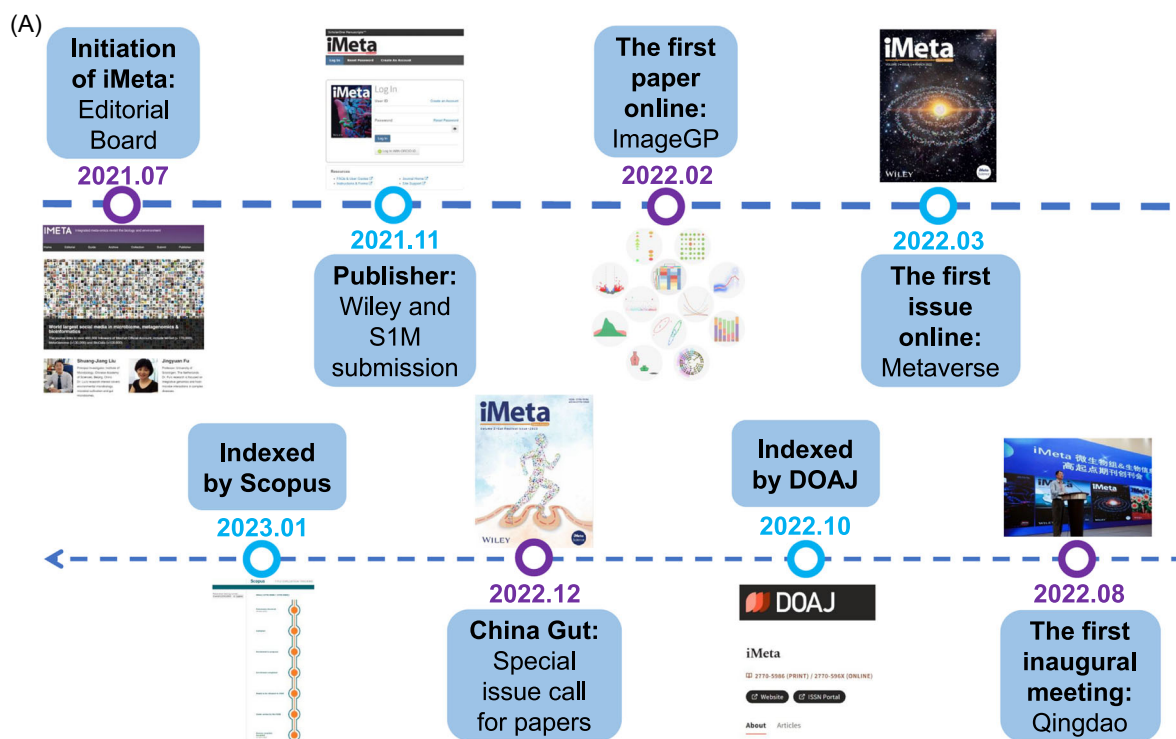


FIGURE 2 Key events and globe audience distributions of iMeta in 2022. (A) iMeta was initiated in July 2021, collaborated with Wiley in November 2021, and followed by the first paper and first issue online in February and March 2022, respectively. The first inaugural meeting was successfully held at Qingdao in August 2022, and a special issue is currently available related to the China Gut Conference 2023. By January 2023, publications of iMeta have been fully indexed by DOAJ and Scopus. (B) The readers of iMeta are mainly from China (including Hongkong, Taiwan, and Macao), USA, Germany, India, UK, Japan, Canada, Australia, South Korea, Netherlands, France, Singapore, Brazil, Spain, Mexico, Italy, Denmark, Switzerland, Russia, Sweden, Ireland, Pakistan, Israel, Belgium, South Africa, Thailand, Turkey, Poland, Norway, Chile, Colombia, Austria, Philippines, Finland, and Portugal.

TABLE 1 List of iMeta reviewers in 2022.

Guy R. Adami	Newell W. Johnson	Paramesh Venkatesh	Mingyue Cheng	Yu-Chieh Liao	Jindong Xie
Sam Al-Dalali	Feng Ju	Luis Vitetta	Jie Cui	Hao Lin	Liwei Xie
Samia Almoughrabie	Kohmei Kadowaki	Jenifer B. Walke	Lei Dai	Huang Lin	Yi Xiong
Busayo Joshua Babalola	Emmanouil Karteris	Hu Wan	Tianjiao Dai	Rui Lin	Hongzhi Xu
Gude Baer	Weidong Kong	Haitao Wang	Valeria D'Argenio	Yongxin Lin	Jia Xu
Zarrin Basharat	Konstantinos Kormas	Hongwei Wang	Surajit Das	Leng Ling	Jin Xu
Maurizio Battino	Paul Henning Krogh	Jianjun Wang	Bonald C. de Figueiredo	Zongxin Ling	Jun Xu
Johan Bengtsson-Palme	Leo Lahti	Jinfeng Wang	Nadieh de Jonge	Chang Liu	Sai Xu
Punyasloke Bhadury	Daoliang Lan	Jinhua Wang	Fei Deng	Chao Liu	Yungang Xu
Guillaume J. Bilodeau	Gabriele R. Lara	Jun Wang	Jinhai Deng	Jinxin Liu	Ling Xu
Surjyo Jyoti Biswas	Xinggen Lei	Kai Wang	Ye Deng	Lianliang Liu	Ran Xue
Jacob W. Bledsoe	Bin Li	Lei Wang	Yiqin Deng	Qingfu Liu	Yi Yan
Didier Bouchon	Guanjian Li	Liang Wang	Paltu Dhal	Songlin Liu	Fenglong Yang
John P. Bowman	Guoliang Li	Miaoxiao Wang	Wei Ding	Yang-Yu Liu	Gaowen Yang
Felix Broecker	Hongjin Li	Mingbang Wang	Li-Na Dong	Yingzhi Liu	Jialiang Yang
Feng Cai	Houkai Li	Qingshi Wang	Bingyao Du	Yong-Xin Liu	Jianxia Yang
Jiabao Cao	Huan Li	Shaolin Wang	Hongzhi Du	Antonio Lopez	Jun Yang
Yan Cao	Jing Li	Wei Wang	Tim Dumonceaux	Ruben Lopez-Mondejar	Teng Yang
Yunpeng Cao	Kun Li	Weijie Wang	Alexander Eiler	Bo Lu	Yang Yang
Franck Carbonero	Min Li	Yiming Wang	Yong Fan	Hongye Lu	Yi Yang
Massimiliano Cardinale	Pengsong Li	Yuhao Wang	Mingliang Fang	Xiao Luo	Yuchun Yang
Sankha S. Chakrabarti	Rong Li	Yulin Wang	Wensheng Fang	Zhiwen Luo	Yuyi Yang
You Che	Ruilin Li	Zeneng Wang	Zhencheng Fang	Xu-Cong Lv	Yuzhan Yang
An-Tian Chen	Shun Li	Zhang Wang	Karoline Faust	Bin Ma	Zhikai Yang
Guoan Chen	Tongtong Li	Zhi Wang	Kai Feng	Jing Ma	Wen Yao
Hanqing Chen	Weiguang Li	Xiaoman Wei	Youzhi Feng	Ka-Wai Ma	Zhiyuan Yao
Liang Chen, CAS	Wenjun Li	Yan Wei	Serguei Fetissov	Tengfei Ma	Mao Ye
Liang Chen, Jilin University	Wenxuan Li	Xie Weijie	Marcello Fiorani	Xi Ma	Chengliang Yin
Lianmin Chen	Yaoming Li	Bryan Wong	Luiz M. R. Gadelha	Yingke Ma	Yanbin Yin
Qinglin Chen	Yong Li	Hongjing Wu	Jorge Galindo-Villegas	Elizabeth K. Mallott	Guangchuang Yu
Tong Chen	Yuan Li	Linkun Wu	Cheng Gao	Balachandran Manavalan	Hang Yu
Wei Chen	Bin Liang	Shengru Wu	Feng Gao	Peter Manning	Huichuan Yu
Wei-Hua Chen	Yantao Liang	Xingqiang Wu	Yi-Zhou Gao	Xia Mao	Ke Yu
Xingjian Chen	Yuting Liang	Yibo Wu	Yuan Gao	Krishna Prahlad Maremanda	Ollie Yiru Yu
Zhangran Chen	Chen Liao	Yaoyao Xia	Zheng Gao	John G. McMullen	Bao-Wen Yuan
Liang Cheng	Wenfei Liao	Zhi-Chao Xia	Maria Gazouli	Sushil Middha	Jing Yuan
			Xuejun Ge	Yogendra Nayak	Jun Yuan

(Continues)

Arthur R. Gilmour	Bruce Ni	Zuo-Fei Yuan
Amit Goel	Yan Ni	Chen Yue
Renjun Gu	Ivan Nikolić	Suling Zeng
Zuguang Gu	Henrik R. Nilsson	Qixiao Zhai
Paulo Ivonir Gubiani	Ben Niu	Chun-Hong Zhang
Audrey Gueniche	Jan Krzysztof Nowak	Dan Zhang
Liang Guo	Jingjing Peng	Fang Zhang
Linjie Guo	Wei Peng	Jianchao Zhang
Weilong Guo	Xian Peng	Jingying Zhang
Chirag Gupta	Luciano Pinotti	Junya Zhang
Jinming Han	Elliott Price	Lei Zhang
Yong-He Han	Meng Pu	Liang Zhang
Xiuli Hao	Zhen Qin	Li-Mei Zhang
Zulfiqar Hasan	Mei Ran	Lin Zhang
Kenji Hashimoto	Lijuan Ren	Meiling Zhang
Guo-Qing He	Kunal Roy	Minliang Zhang
Jianrong He	Zengliang Ruan	Weipeng Zhang
Jing He	Tongling Shan	Wen Zhang
Jun He	Weitao Shen	Wenjing Zhang
Xiaoqing He	Xiaotao Shen	Xiaoning Zhang
Xuesong He	Yingbo Shen	Xin Zhang
Yan He	Yizhi Sheng	Xingxu Zhang
Zhili He	Jian-Yu Shi	Yang Zhang
Zilong He	Mang Shi	Yun Zhang
Mingsheng Hong	Wenyu Shi	Yunzeng Zhang
Anyi Hu	Xiaojian Shi	Zhenggui Zhang
Fang Hu	Yu Shi	Fangqing Zhao
Shengwei Hu	Watshara Shoombuatong	Fazhu Zhao
Weigang Hu	Chunxu Song	Jinxin Zhao
Xiaofei Hu	Gang Song	Xue Qiang Zhao
Xiaoting Hua	Jiangning Song	Yuxiang Zhao
Hai-Jian Huang	Zehe Song	Guoliang Zheng
Jiayuan Huang	Renan Souza	Haizhen Zheng
Jinyan Huang	Christopher Staley	Jusheng Zheng
Jumin Huang	Mikael Strube	Wei Zheng
Shi Huang	Jiacan Su	Ying Zheng
Shimeng Huang	Shibing Su	Yue Zheng
Yuan Huang	Xiaoquan Su	Ziqiang Zheng
Wei-Lun Hung	Chengcao Sun	Zhenhui Zhong

Waqar Hussain	Haixi Sun	Fangyuan Zhou
Amanul Islam	Junming Sun	Hong-Wei Zhou
William W. Ja	Yang Sun	Jian-Guo Zhou
Steven M. Jay	Yanni Sun	Xin Zhou
Che Ok Jeon	Zhihong Sun	You Zhou
Baolei Jia	Zhoutong Sun	Youlang Zhou
Chao Jiang	Kazuki Suzuki	Zhigang Zhou
Jing-Zhe Jiang	Naoko Takezaki	Ce Zhu
Mingkai Jiang	Song Tang	Guoxing Zhu
Shangtao Jiang	Wenjing Tang	Ying Zhu
Xu Jiang	Xiangming Tang	Jiye Zhu
Jinzhen Jiao	Yayuan Tang	Xin Zong
Shuo Jiao	Wen Tao	Quan Zou
Yang Jiao	Giovanni Tarantino	Tao Zuo
Wenyi Jin	Iman Tavassoly	
Gongchao Jing	Ivone Vaz-Moreira	

Note: Sorted by the last name, 382 reviewers completed 685 reviews.

The editorial board of iMeta currently contains around 1000 members from 29 countries and regions. With the advantages of such a wonderful group, iMeta can make the first decision on average 25 days after submission, providing responses from five reviewers or more. The Editors-in-Chief, executive editors, and staff of iMeta are very grateful to the following editorial board members and scientists who dedicated their considerable time and expertise to the journal by serving as reviewers by December 31, 2022 (Table 1, 382 reviewers completed 685 reviews).

Additionally, iMeta is recruiting Youth Editorial Board Members (<https://onlinelibrary.wiley.com/page/journal/2770596x/homepage/youth-ebm-recruitment>).

AUTHOR CONTRIBUTIONS

Yong-Xin Liu and Chun-Lin Shi drafted the paper. Tengfei Ma and Wubin Ding proceeded with the data analysis and visualization. All authors revised and approved the final manuscript.

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CONFLICT OF INTEREST STATEMENT

Shuang-Jiang Liu and Jingyuan Fu are the Editors-in-Chief of iMeta. Yong-Xin Liu, Tong Chen, and Danyi Li are the executive editors of iMeta. Chun-Lin Shi and


Tengfei Ma are the academic editors of iMeta. The authors have declared no competing interests.

DATA AVAILABILITY STATEMENT

The data and scripts can be found at GitHub <https://github.com/iMetaScience/iMeta>. All data of the figures can be downloaded in GitHub or Supporting Information: tables. Supporting Information: materials (figures, tables, scripts, graphical abstract, slides, videos, Chinese translated version, and updated materials) may be found in the online DOI or iMeta Science <https://www.imeta.science/>.

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SUPPORTING INFORMATION

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