



## Editorial for the COVID special issue

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Many nations and world regions have suffered on different aspects and fronts from the novel Covid-19. The Scientific community has done great challenges to tackle this virus and its devastating pandemic behavior. Applied Intelligence was part of such a community and has opened the special issue calls. These special-issue calls have established an avenue disseminating research outcomes that have contributed to understanding and taking a lead on the pandemic by pointing out ways to dominate the virus more than it dominates us.

Applied Intelligence has received a big number of submissions in large as 480 articles. The journal has done extensive reviews weighing these submissions to differentiate the best in terms of quality, novelty, and its technical contribution on research and development on novel Covid-19. This special issue has incubated 25 articles gathered in Covid-19 special issue in Applied Intelligence; each has been reviewed by at least three expert reviewers and then selected based on the quality of its contribution on the subject. A few articles

accepted for the special issue will be published in regular issues due to time and space constraints.

The Editor-in-Chiefs of Applied Intelligence would like to thank all reviewers who have done great work in evaluating these large numbers of submissions. We also give our appreciation for all authors, who have done a great contribution in fulfilling the strict requirement framing the quality and novelty of the work presented in this special issue.

We believe that the special issue would contribute to providing a scientific avenue, that instrumenting further research and tools that would enlighten us to discover more knowledge of this virus to dominate this pandemic for sustaining the health of mankind.

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**Dr. Moonis Ali** has been a full professor of Computer Science since 1983. He completed his Ph.D. in 1969 in the area of Speech Recognition. Since then, Dr. Ali has been carrying out research in many areas including Pattern Recognition, Image Processing, Picture Grammars, Machine Translation, and Intelligent Systems for Fault Diagnosis in Jet and Rocket Engines. Dr. Ali has published thirty two edited books and over one hundred papers in journals

and conference proceedings. Dr. Ali started the International Journal of Applied Intelligence as the Editor in Chief in 1991 and has continued on that position of the journal to date. In the same year, Dr. Ali started International Society of Applied Intelligence as its president in 1991 and has continued on that position of the society to date. Also, Dr. Ali started the International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems in 1988 as the General Chair and has continued on that position of the conference to date. Dr. Ali also started the Applied Intelligence Newsletter in 2016 as its Editor in Chief and has continued on that position of the newsletter to date



**Hamido Fujita** He is a Professor with Iwate Prefectural University, Takizawa, Japan, as Director of Intelligent Software Systems. He is Highly Cited Researcher in Cross-Field for the year 2019 and 2020 in Computer Science field, respectively by Clarivate Analytics. He received Doctor Honoris Causa from Óbuda University, Budapest, Hungary, in 2013 and received Doctor Honoris Causa from Timisoara Technical University, Timisoara, Romania, in 2018, and a title of

Honorary Professor from Óbuda University, in 2011. He is Distinguished Research Professor at the University of Granada, and Adjunct Professor with Stockholm University, Stockholm, Sweden; University of Technology Sydney, Ultimo, NSW, Australia; National Taiwan Ocean University, Keelung, Taiwan, and others. He has supervised Ph.D. students jointly with the University of Laval, Quebec City, QC, Canada; University of Technology Sydney; Oregon State University, Corvallis, OR, USA; University of Paris 1 Pantheon-Sorbonne, Paris, France; and University of Genoa, Italy. Dr. Fujita is the recipient of the Honorary Scholar Award from the University of Technology Sydney, in 2012. He has four international patents in software systems and several research projects with Japanese industry and partners. He is the Emeritus Editor-in-Chief for Knowledge-Based Systems, and currently Editor-in-Chief of Applied Intelligence (Springer). He headed a number of projects including intelligent HCI, a project related to mental cloning for healthcare systems as an intelligent user interface between human-users and computers, and SCOPE project on virtual doctor systems for medical applications. He collaborated with several research projects in Europe, and recently he is collaborating in OLIMPIA project supported by Tuscany region on Therapeutic monitoring of Parkinson disease. He has published more 400 highly cited Papers.