

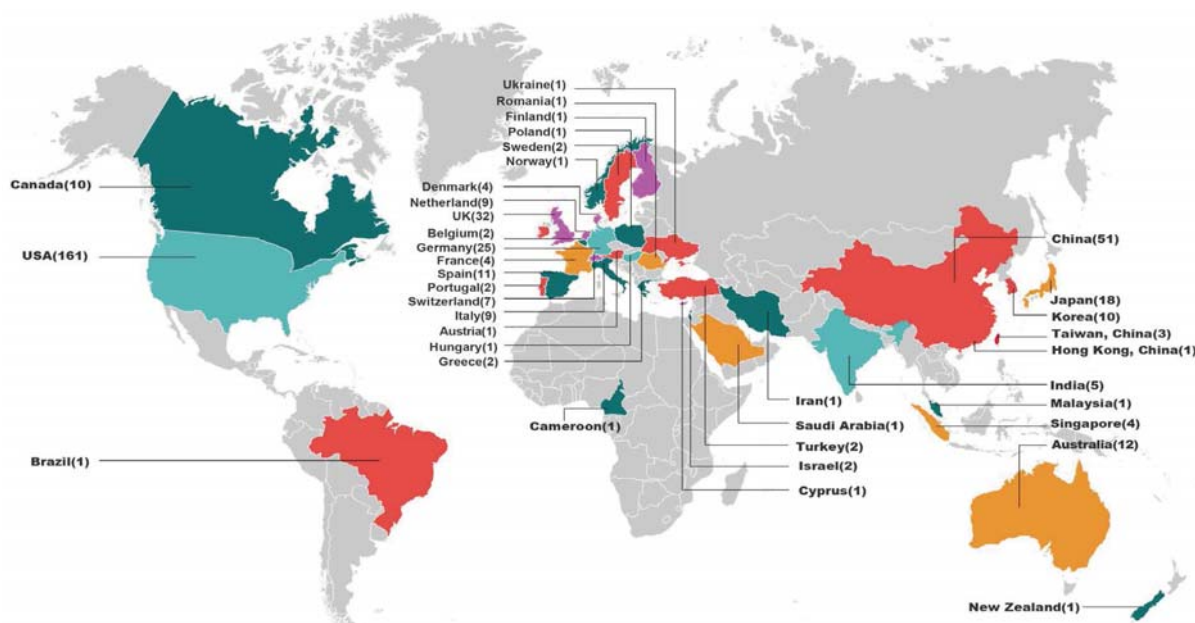
Dr. Poramate Manoonpong received the 1000 Talents Plan project

Dr. Poramate Manoonpong is an Associate Professor of embodied AI & robotics at the Maersk McKinney Moller Institute at the University of Southern Denmark. His central research agenda is "to understand how brain-like mechanisms including biomechanics (embodiment) can be realized in artificial agents (like biologically-inspired robots) so they can become more like living creatures in their level of performance". As author or coauthor, he has published over 100 publications in major scientific journals such as Nature Physics (IF=18.79), IEEE Trans. Cybern.



(IF=4.94) PLoSComput. Biol. (IF=4.58). One of his major contributions was a novel approach that exploits the interaction between a passive anisotropic scale-like material (e.g., shark skin) and rough surfaces to enhance locomotion efficiency of a robot walking on inclines and has been reported by Scientific Reports-Nature Journal (Manoonpong et al. Scientific Reports, 2016). He has recently received the 1000 Talents Plan project under the Recruitment Program for Young Professionals. The project, which will be performed at Institute of Bio-inspired Structure and Surface Engineering at Nanjing University of Aeronautics and Astronautics, aims to develop neurobotic technology for advanced robot motor control.

Global Bionic Research Institutions



The global bionic research institutions map above based on Bionic Digital Library shows the number of bionic institutions in different countries around the world. The detail information can be found in the Bionic Digital Library at ISBE website.