



Li Jiaqi *PhD*

Position : Assistant Professor
Faculty : FA
Email Address : jjqli@must.edu.mo
Telephone : (853) 8897-3052 (temp)
Fax No. :
Office : R304
Mailing Address : Avenida Wai Long, Taipa, Macau

Teaching and Research Areas :

Academic Qualifications

2015-2109 Ph.D / information technology / Macau University of science and technology
2013-2015 Master / information technology / Macau University of science and technology
2008-2012 Bachelor / information technology / Macau University of science and technology

Teaching Experiences

2020 - Present Assistant Professor / FA/ Macau University of Science and Technology
2019-2020 Lecturer/ FI / Beijing Normal University Zhuhai
2016-2019 Part time Lecturer / FI / Beijing Normal University Zhuhai

Representative Publications

Journal Articles:

1. **Topographic surface roughness analysis based on image processing of terrestrial planet**
July 2019 [Cluster Computing](#) 22(4)
2. **Analysis of all-in-focus image processing in image restoration**
October 2016 [Multimedia Tools and Applications](#) 76(13)
3. **All-in-Focused Sensor Image Processing Based on Enhancement in the Frequency Domain**
February 2015 [Sensor Letters](#) 13(2)
4. **A suspected lunar volcano identification algorithm based on convolutional neural network by the rapid location of light shadow impacts**
October 2018 [Concurrency and Computation Practice and Experience](#) 31(6)

Conference Proceedings:

5. Efficient Moving Target Tracking Algorithm: Design and Implementation of the Sand-Table Tracking Algorithm

December 2013

6. Target Recognition and Tracking Algorithm without Training Samples: Sand-Table Algorithm

December 2014

7. 3D Simulation Model of Lunar Crater Based on Single CCD Image

March 2015 Conference: First International Conference on Information Science and Electronic Technology (ISET 2015)

Research Grants/Projects

- | | |
|-----------|---|
| 2019-2022 | Recognition and comparative analysis of lunar and Martian surface features based on remote sensing data |
| 2017-2019 | Research and implementation of key technology for intelligent processing of remote sensing data of terrestrial planet |
| 2015-2017 | “Digital Moon” in Macao - The intelligent computing and automated processing for huge data of Chang’ E |