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**EDUCATION**

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**PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **2731** | **28** | **257** | **147** | **25** |
| Citations | h-Index | Article | Conference | Book |

***Articles***

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**9.** Mapping Sugarcane Leaf Area Index by Inverting PRISMA Hyperspectral Images. Hajeb Mohammad, Hamzeh Saeid, Alavi Panah Seyed Kazem, Verrelst Jochem (2023)., Iranian Journal of Remote Sensing & GIS, 15(1), 85-108.

**10.** Speckle filtering impact on land cover mapping using the combination of Sentinel-1 and Sentinel-2 images (Case study: Bandar Mahshahr). Hajarian Mokammad Hoseyn, Attarchi Sara, Alavi Panah Seyed Kazem (2023)., Nivar, 46(118-119).

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**12.** Exploring the effect of COVID-19 pandemic lockdowns on urban cooling: A tale of three cities. Meijani Naeim, Karimi Firozjaei Mohammad, Mijani Moein, Khodabakhshi Adeleh, Qureshi Salman, Jokar Arsanjani amal, Alavi Panah Seyed Kazem (2023)., ADVANCES IN SPACE RESEARCH, 71(1), 1017-1033.

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**15.** A new approach to LST modeling and normalization under clear-sky conditions based on a local optimization strategy. Kiavarz Moghaddam Majid, Karimi Firozjaei Mohammad, Alavi Panah Seyed Kazem, Hassan Quazi K., Malbeteau Yoann, Duan Si-Bo (2022)., International Journal of Digital Earth, 15(1), 1833-1854.

**16.** The Shadow Effect on Surface Biophysical Variables Derived from Remote Sensing: A Review. Alavi Panah Seyed Kazem, Karimi Firozjaei Mohammad, Sedighi Amir, Fathololoumi Solmaz, Naghadehi Saeid Zare, Saleh Samiraalsadat, نقدی زادگان جهرمی مریم, گومه زینت, Jokar Arsanjani Jamal, Makki Mohsen, Qureshi Salman, Weng Qihao, Haase Dagmar, Pradhan Biswajeet, Biswas Asim, Atkinson Peter M. (2022)., Land, 11(2025), 2025.

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**27.** Seven Charters for Coexistence in the Future World. Alavi Panah Seyed Kazem, Moosavi Movahhedi Ali Akbar (2021)., Science Cultivation, 12(1).

**28.** Predicting potential locations of ancient settlements using GIS and Weights-Of-Evidence method (case study: North-East of Iran). Koohpeima Javad, Makki Mohsen, Lentschk Jane, Alavi Panah Seyed Kazem (2021)., Journal of Archaeological Science-Reports, 40(4), 103229.

**29.** Land Cover Classification of Anzali Wetland Using Fusion of Sentinel 1 and ALOS/PALSAR 2 Images. Attarchi Sara, Gheysari Mahsa, Hamzeh Saeid, Alavi Panah Seyed Kazem (2021)., Iranian Journal of Ecohydrology, 8(3).

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**31.** Google Earth Engine for large-scale land use and land cover mapping: an object-based classification approach using spectral, textural and topographical factors. Shafizadeh-Moghadam Hossein, Khazaei Morteza, Alavi Panah Seyed Kazem, Weng Qihao (2021)., GIScience & Remote Sensing, 58(6).

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**40.** Fully polarimetric synthetic aperture radar data classification using probabilistic and non-probabilistic kernel methods. Khosravi Iman, Razoumny Yury, Hatami Afkoueieh Javad, Alavi Panah Seyed Kazem (2021)., European Journal of Remote Sensing, 54(1), 310-317.

**41.** Soil texture fractions modeling and mapping using LS-SVR algorithm. Jeihooni Mehrdad, Alavi Panah Seyed Kazem, Toomanian Ara, Jafarzadeh Aliasqar (2020)., DESERT, 25(2).

**42.** Estimation of surface temperature in Ardabil city using Landsat 5 and 8 satellite images and accuracy assessment of LST estimation methods with using ground data. fekrat hossien, اصغری سراسکانرود صیاد, Alavi Panah Seyed Kazem (2020)., Journal of applied RS & GIS Techinques in Natural Resource Science, 11(4), 13.

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**46.** Evaluating the Spectral Indices Efficiency to Quantify Daytime Surface Anthropogenic Heat Island Intensity: An Intercontinental Methodology. Karimi Firozjaei Mohammad, Fathololoumi Solmaz, Mijani Naeim, Kiavarz Moghaddam Majid, Ghoreishi Salman, Mehdi Homaee, Alavi Panah Seyed Kazem (2020)., Remote Sensing, 12(17), 2854.

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**HONORS and AWARDS**

**Outstanding researcher of University of Tehran** 2019, Tehran, Iran

**AAAA** 2019, Tehran, Iran

**AA** 2018, Tehran, Iran

**---** 2004, Tehran, Iran

**Selected researcher at Tehran University** 2004, Tehran, Iran

**ACADEMIC POSITIONS**

**COURSES OFFERED**

**Application of remote sensing data in environmental monitoring and land management

Thermal remote sensing, theories and models

Light Physics and Electromagnetism

Applicate Remote Sensing

Fundamental and Physics of Remote Sensing

Thermal and microwave remote sensing in environmental sciences

Research Method in Remote Sensing and GIS

Thermal Remote Sensing, Theories and Algorithms

Thermal remote sensing, theories and models

Digital Image Processing of Satellite Images

Fundamental and Physics of Remote Sensing

Thermal and microwave remote sensing in environmental sciences

Research Method in Remote Sensing and GIS

Thermal remote sensing, theories and models

Light Physics and Electromagnetism

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Thermal Remote Sensing, Theories and Algorithms

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Thermal Remote Sensing, Theories and Algorithms

Thermal Remote Sensing, Theories and Algorithms

Light Physics and Electromagnetism

Fundamental and Physics of Remote Sensing

Fundamental and Physics of Remote Sensing

Microwave and Thermal Remote Sensing in Environmental Science

Research Method in Remote Sensing and GIS

Application of Remotely-sensed Data in Environmental Monitoring

Thermal Remote Sensing, Theories and Algorithms

Fundamental and Physics of Remote Sensing

Microwave and Thermal Remote Sensing in Environmental Science

Research Method in Remote Sensing and GIS

Thermal Remote Sensing, Theories and Algorithms

Urban Remote Sensing

Application of RS in Urban and Rural Studies

Fundamental and Physics of Remote Sensing

Microwave and Thermal Remote Sensing in Environmental Science

Application of Remote Sensing in Envirinmental Hazards

Thermal Remote Sensing

Thermal Remote Sensing

Thermal Remote Sensing

Applicate Remote Sensing

Application of RS in Urban and Rural Studies

Microwave and Thermal Remote Sensing in Environmental Science

Research Methodology in RS and GIS

Application of Remote Sensing in Envirinmental Hazards**

**LABORATORIES**