



Khudhair Abbas Assaf

خضير عباس عساف عجيل المنتفكي

Assistant Professor

PROFILE

****Khudhair Abbas Assaf**** is a dedicated academic and researcher with a solid track record of scholarly contributions. His research portfolio includes 20 publications indexed on Google Scholar, reflecting a consistent commitment to advancing knowledge and engaging with contemporary questions within his field.

Assaf's work has earned recognition from the broader academic community, accumulating 113 citations and achieving an h-index of 6. These metrics demonstrate the steady reach, relevance, and impact of his scientific output among peers and fellow researchers. Driven by a commitment to rigorous scholarly inquiry, Assaf continues to actively contribute to academic literature, ongoing research initiatives, and collaborative scholarly discourse.

ACADEMIC TITLES

2003-10-06	Assistant Lecturer
2013-01-27	Lecturer
2019-01-23	Assistant Professor

TEACHING EXPERIENCE

Academic Staff Member
University of Wasit/ College of Science
2003-10 - Present

PUBLICATIONS (20)

- Detailing evolved star wind complexity: comparing maser and thermal imaging**
Proceedings of the International Astronomical Union 16 (S366), 204-209, 2020 | 2020
- Study the magnetization of water using digital camera and laser beam**
IOP Conference Series: Materials Science and Engineering 928 (7), 072099, 2020 | 2020 | Cited: 2
- Detailed SiO proper motion analysis: slow net expansion and a small correlation with the magnetic field**
14th European VLBI Network Symposium & Users Meeting (EVN 2018), 70, 2018 | 2018
- Multi-epoch Proper Motion Magnetic Field Comparison of SiO Masers around R Cas**
The Astrophysical Journal, 2018 | 2018 | Cited: 10
- Optimal analysis of laser beam propagation through dust storm**
International Journal of Information Research and Review 3 (10), 2946-2950, 2016 | 2016 | Cited: 1
- Cosmological properties and reconstruction of scalar field models of the Holographic Dark Energy model with Granda-Oliveros cut-off in Kaluza-Klein cosmology**
The European Physical Journal Plus 131 (6), 182, 2016 | 2016 | Cited: 70
- Possibility of Detection of Exomoons with Inclined Orbits Orbiting Pulsar Planets Using the Time-of-Arrival Analysis**
Advances in Astronomy 2014 (1), 450864, 2014 | 2014 | Cited: 4

CONTACT

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kassaf@uowasit.edu.iq

EDUCATION

بكلوريوس (30-06-1999)
Physics
The University of Baghdad

ماجستير (26-02-2003)
Astrophysics
The University of Baghdad

دكتوراه (28-06-2012)
Astrophysics/ Astronomical spectrum measurements
The University of Manchester

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	6
Citations (Scopus)	0
Citations (GS)	114
Documents (Scopus)	0
Documents (GS)	20



8. **Power law and logarithmic entropy corrected Ricci dark energy models in Brans-Dicke chameleon cosmology**
International Journal of Theoretical Physics 53 (2), 566-578, 2014 | 2014 | Cited: 9
9. **Future mmVLBI research with ALMA: A European vision**
arXiv preprint arXiv:1406.4650, 2014 | 2014 | Cited: 23
10. **Polarization morphology of SiO masers in the circumstellar envelope of the asymptotic giant branch star R Cassiopeiae**
Monthly Notices of the Royal Astronomical Society 431 (2), 1077-1089, 2013 | 2013 | Cited: 24
11. **Polarization morphology of SiO masers in the circumstellar envelope of the AGB star R Cassiopeiae**
arXiv preprint arXiv:1302.2530, 2013 | 2013
12. **What causes clumps in winds from Red Supergiants and Asymptotic Giant Branch stars?**
Proceedings of the 11th European VLBI Network Symposium & Users Meeting, 2012 | 2012
13. **Polarization properties of R Cas SiO masers**
Proceedings of the International Astronomical Union 8 (S287), 235-239, 2012 | 2012 | Cited: 1
14. **The 43GHz SiO maser in the circumstellar envelope of the AGB star R Cassiopeiae**
arXiv preprint arXiv:1105.1089, 2011 | 2011
15. **Stellar winds in hot water**
The Molecular Universe 280, 313, 2011 | 2011
16. **Unexplained AGB asymmetries**
Asymmetric Planetary Nebulae 5 Conference, 76, 2011 | 2011
17. **The 43 GHz SiO Maser in the Circumstellar Envelope of AGB star R Cassiopeiae**
2011
18. **The 43-GHz SiO maser in the circumstellar envelope of the asymptotic giant branch star R Cassiopeiae**
Monthly Notices of the Royal Astronomical Society 415 (2), 1083-1092, 2011 | 2011 | Cited: 30
19. **Maser observations-from the kinematics to the physics of evolved star winds.**
"Proceedings of the 10th European VLBI Network Symposium and EVN Users Meeting", 2010 | 2010
20. **Research Article Possibility of Detection of Exomoons with Inclined Orbits Orbiting Pulsar Planets Using the Time-of-Arrival Analysis**
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