

M I Nouh

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

260
citations

1040056

9
h-index

1058476

14
g-index

39
all docs

39
docs citations

39
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformable fractional isothermal gas spheres. <i>New Astronomy</i> , 2021, 84, 101511.	1.8	5
2	Modeling fractional polytropic gas spheres using artificial neural network. <i>Neural Computing and Applications</i> , 2021, 33, 4533-4546.	5.6	11
3	Orbits and Individual Masses of Some Visual Binaries. <i>Astrophysics</i> , 2021, 64, 41-53.	0.5	0
4	Conformable Fractional Models of the Stellar Helium Burning via Artificial Neural Networks. <i>Advances in Astronomy</i> , 2021, 2021, 1-18.	1.1	3
5	ARTIFICIAL NEURAL NETWORK MODELING OF THE CONFORMABLE FRACTIONAL ISOTHERMAL GAS SPHERES. <i>Revista Mexicana De Astronomia Y Astrofisica</i> , 2021, 57, 189-198.	0.5	9
6	Kinematics and ellipsoidal motion of the mid to late M type stars. <i>Astronomische Nachrichten</i> , 2021, 342, 989.	1.2	1
7	Prediction of the atmospheric fundamental parameters from stellar spectra using artificial neural network. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2021, 10, 23-34.	0.9	2
8	Conformable fractional polytropic gas spheres. <i>New Astronomy</i> , 2020, 76, 101322.	1.8	16
9	Kinematics and Velocity Ellipsoid of Halo Red Giants. <i>Astrophysics</i> , 2020, 63, 179-189.	0.5	6
10	Photometric Investigation of two W UMa Systems. <i>Astrophysics</i> , 2020, 63, 66-74.	0.5	1
11	Analytical solution to the conformable fractional Lane-Emden type equations arising in astrophysics. <i>Scientific African</i> , 2020, 8, e00386.	1.5	7
12	Computational method for a fractional model of the helium burning network. <i>New Astronomy</i> , 2019, 66, 40-44.	1.8	5
13	Analytical solution to the fractional polytropic gas spheres. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	10
14	Light Curve Modelling and Evolutionary Status of the Short Period Binary 1SWASP J092328.76+435044. <i>Astrophysical Bulletin</i> , 2018, 73, 66-76.	1.3	0
15	Approximate Solution to the Fractional Lane-Emden Type Equations. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 2199-2206.	1.5	10
16	Statistical study of visual binaries. <i>Astrophysical Bulletin</i> , 2017, 72, 199-205.	1.3	3
17	Orbital solution and evolutionary state for the eclipsing binary 1SWASP J080150.03+471433.8. <i>New Astronomy</i> , 2017, 50, 37-42.	1.8	11
18	Approximate Solution to the Fractional Second-Type Lane-Emden Equation. <i>Astrophysics</i> , 2016, 59, 398-410.	0.5	15

#	ARTICLE	IF	CITATIONS
19	White Dwarf Stars as Polytopic Gas Spheres. <i>Astrophysics</i> , 2016, 59, 540-547.	0.5	4
20	ROSAT x-ray analysis of the AM Her cataclysmic variable VV Pup. <i>Astrophysical Bulletin</i> , 2015, 70, 333-341.	1.3	0
21	Modern comprehensive study of the W UMa system TY Boo. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 501-516.	1.7	3
22	Photometric solution and evolutionary state for the newly discovered W UMa systems GSC-02137-0222 and USNO-A2.0 1200-18678842. <i>New Astronomy</i> , 2015, 34, 47-53.	1.8	5
23	First orbital solution and evolutionary state for the newly discovered eclipsing binaries USNO-B1.0 1091-0130715 and GSC-03449-0680. <i>New Astronomy</i> , 2015, 35, 1-7.	1.8	4
24	An Extensive Photometric Investigation of the W UMa System DK Cyg. <i>Journal of Astrophysics</i> , 2015, 2015, 1-8.	0.4	0
25	A CCD photometric study of the newly discovered short period eclipsing binary 1SWASP J210318.76+021002.2. <i>New Astronomy</i> , 2014, 32, 10-15.	1.8	10
26	First photometric study of the eclipsing binary GSC 04371-0161. <i>New Astronomy</i> , 2014, 26, 102-105.	1.8	4
27	Photometric study of the newly discovered short period eclipsing binary 1SWASP J133105.91+121538.0. <i>New Astronomy</i> , 2014, 28, 85-90.	1.8	15
28	Comprehensive photometric study of the eclipsing binary AW UMa. <i>Astrophysics and Space Science</i> , 2014, 352, 673-689.	1.4	5
29	Spectroscopic Analysis of the Eclipsing Binary $\hat{\iota}$ CrB. <i>Journal of Astrophysics and Astronomy</i> , 2013, 34, 193-205.	1.0	1
30	Light Curve Stability and Period Behavior of the Contact Binary TZ Boo. <i>Journal of Astrophysics and Astronomy</i> , 2013, 34, 329-339.	1.0	1
31	On the Maximum Separation of Visual Binaries. <i>Journal of Astrophysics and Astronomy</i> , 2012, 33, 375-386.	1.0	2
32	Luminosity Function of Some Open Clusters. <i>ISRN Astronomy and Astrophysics</i> , 2011, 2011, 1-9.	0.2	3
33	Photometric and spectroscopic analysis of YY CrB. <i>New Astronomy</i> , 2010, 15, 227-233.	1.8	14
34	Spectroscopic analysis of the B/Be visual binary HR 1847. <i>Astronomy and Astrophysics</i> , 2010, 520, A103.	5.1	5
35	On correlation of H β , iron and oxygen line strengths in some B, Be and shell stars. <i>Astrophysics and Space Science</i> , 2010, 325, 7-14.	1.4	1
36	Observations of H β , iron, and oxygen lines in B, Be, and shell stars. <i>Astronomy and Astrophysics</i> , 2006, 450, 427-430.	5.1	8

#	ARTICLE	IF	CITATIONS
37	Relation between a function of the right ascension and the angular distance to the vertex for Hyades stars. <i>Journal of Astrophysics and Astronomy</i> , 2004, 25, 213-220.	1.0	0
38	Accelerated power series solution of polytropic and isothermal gas spheres. <i>New Astronomy</i> , 2004, 9, 467-473.	1.8	60