M I Nouh

List of Publications by Year
in descending order

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	Accelerated power series solution of polytropic and isothermal gas spheres. New Astronomy, 2004, 9, 467-473.	1.8	60
2	Conformable fractional polytropic gas spheres. New Astronomy, 2020, 76, 101322.	1.8	16
3	Photometric study of the newly discovered short period eclipsing binary 1SWASP J133105.91+121538.0. New Astronomy, 2014, 28, 85-90.	1.8	15
4	Approximate Solution to the Fractional Second-Type Lane-Emden Equation. Astrophysics, 2016, 59, 398-410.	0.5	15
5	Photometric and spectroscopic analysis of YY CrB. New Astronomy, 2010, 15, 227-233.	1.8	14
6	Orbital solution and evolutionary state for the eclipsing binary 1SWASP J080150.03+471433.8. New Astronomy, 2017, 50, 37-42.	1.8	11
7	Modeling fractional polytropic gas spheres using artificial neural network. Neural Computing and Applications, 2021, 33, 4533-4546.	5.6	11
8	A CCD photometric study of the newly discovered short period eclipsing binary 1SWASP J210318.76+021002.2. New Astronomy, 2014, 32, 10-15.	1.8	10
9	Analytical solution to the fractional polytropic gas spheres. European Physical Journal Plus, 2018, 133, 1.	2.6	10
10	Approximate Solution to the Fractional Laneâ€“Emden Type Equations. Iranian Journal of Science and Technology, Transaction A: Science, 2018, 42, 2199-2206.	1.5	10
11	ARTIFICIAL NEURAL NETWORK MODELING OF THE CONFORMABLE FRACTIONAL ISOTHERMAL GAS SPHERES. Revista Mexicana De Astronomia Y Astrofisica, 2021, 57, 189-198.	0.5	9
12	Observations of HÎ±, iron, and oxygen lines in B, Be, andÂshellÂstars. Astronomy and Astrophysics, 2006, 450, 427-430.	5.1	8
13	Analytical solution to the conformable fractional Lane-Emden type equations arising in astrophysics. Scientific African, 2020, 8, e00386.	1.5	7
14	Kinematics and Velocity Ellipsoid of Halo Red Giants. Astrophysics, 2020, 63, 179-189.	0.5	6
15	Spectroscopic analysis of the B/Be visual binary HRâ€‰1847. Astronomy and Astrophysics, 2010, 520, A103.	5.1	5
16	Comprehensive photometric study of the eclipsing binary AW UMa. Astrophysics and Space Science, 2014, 352, 673-689.	1.4	5
17	Photometric solution and evolutionary state for the newly discovered W UMa systems GSC-02137-0222 and USNO-A2.0 1200-18678842. New Astronomy, 2015, 34, 47-53.	1.8	5
18	Computational method for a fractional model of the helium burning network. New Astronomy, 2019, 66, 40-44.	1.8	5

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19	Conformable fractional isothermal gas spheres. New Astronomy, 2021, 84, 101511.	1.8	5
20	First photometric study of the eclipsing binary GSC 04371-0161. New Astronomy, 2014, 26, 102-105.	1.8	4
21	First orbital solution and evolutionary state for the newly discovered eclipsing binaries USNO-B1.0 1091-0130715 and GSC-03449-0680. New Astronomy, 2015, 35, 1-7.	1.8	4
22	White Dwarf Stars as Polytropic Gas Spheres. Astrophysics, 2016, 59, 540-547.	0.5	4
23	Luminosity Function of Some Open Clusters. ISRN Astronomy and Astrophysics, 2011, 2011, 1-9.	0.2	3
24	Modern comprehensive study of the W UMa system TY Boo. Research in Astronomy and Astrophysics, 2015, 15, 501-516.	1.7	3
25	Statistical study of visual binaries. Astrophysical Bulletin, 2017, 72, 199-205.	1.3	3
26	Conformable Fractional Models of the Stellar Helium Burning via Artificial Neural Networks. Advances in Astronomy, 2021, 2021, 1-18.	1.1	3
27	On the Maximum Separation of Visual Binaries. Journal of Astrophysics and Astronomy, 2012, 33, 375-386.	1.0	2
28	Prediction of the atmospheric fundamental parameters from stellar spectra using artificial neural network. NRIAG Journal of Astronomy and Geophysics, 2021, 10, 23-34.	0.9	2
29	On correlation of HÎ±, iron and oxygen line strengths in some B, Be and shell stars. Astrophysics and Space Science, 2010, 325, 7-14.	1.4	1
30	Spectroscopic Analysis of the Eclipsing Binary Î± CrB. Journal of Astrophysics and Astronomy, 2013, 34, 193-205.	1.0	1
31	Light Curve Stability and Period Behavior of the Contact Binary TZ Boo. Journal of Astrophysics and Astronomy, 2013, 34, 329-339.	1.0	1
32	Photometric Investigation of two W UMa Systems. Astrophysics, 2020, 63, 66-74.	0.5	1
33	Kinematics and ellipsoidal motion of the mid to late M â€type stars. Astronomische Nachrichten, 2021, 342, 989.	1.2	1
34	Relation between a function of the right ascension and the angular distance to the vertex for Hyades stars. Journal of Astrophysics and Astronomy, 2004, 25, 213-220.	1.0	0
35	ROSAT x-ray analysis of the AM Her cataclysmic variable VV Pup. Astrophysical Bulletin, 2015, 70, 333-341.	1.3	0
36	Light Curve Modelling and Evolutionary Status of the Short Period Binary 1SWASP J092328.76+435044. Astrophysical Bulletin, 2018, 73, 66-76.	1.3	0

#	Article	IF	Citations
37	Orbits and Individual Masses of Some Visual Binaries. Astrophysics, 2021, 64, 41-53.	0.5	0
38	An Extensive Photometric Investigation of the W UMa System DK Cyg. Journal of Astrophysics, 2015, 2015, 1-8.	0.4	0