

Mohammed Sallah

List of Publications by Year in descending order

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40
papers

204
citations

1307594

7
h-index

1125743

13
g-index

40
all docs

40
docs citations

40
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear and nonlinear analysis of dust acoustic waves in dissipative space dusty plasmas with trapped ions. Iranian Physical Journal, 2015, 9, 167-176.	1.2	45
2	Kinematic dust viscosity effect on linear and nonlinear dust-acoustic waves in space dusty plasmas with nonthermal ions. Journal of Experimental and Theoretical Physics, 2015, 121, 669-679.	0.9	15
3	Stochastic radiative transfer in a finite plane-parallel medium with general boundary conditions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 285-297.	2.3	13
4	Time-dependent radiation transfer in a semi-infinite stochastic medium with Rayleigh scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 85, 13-24.	2.3	11
5	Radiative transfer in random media with Rayleigh scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 76, 359-372.	2.3	10
6	Neutron transport through semi-infinite continuous stochastic media using Gaussian statistics. Annals of Nuclear Energy, 2008, 35, 1613-1620.	1.8	10
7	Effect of nonthermality fraction on dust acoustic growth rate in inhomogeneous viscous dusty plasmas. Astrophysics and Space Science, 2015, 356, 269-276.	1.4	9
8	Polarized radiation transfer in a semi-infinite random medium. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 76, 345-358.	2.3	7
9	Time-dependent neutron transport in a semi-infinite random medium. Annals of Nuclear Energy, 2003, 30, 1283-1295.	1.8	7
10	Transport Of Neutral Particles In A Finite Continuous Stochastic Medium With Gaussian Statistics. Transport Theory and Statistical Physics, 2008, 37, 460-482.	0.4	7
11	On Galerkin Technique for Transient Radiative Heat Transfer in Finite Thin Media. Numerical Heat Transfer, Part B: Fundamentals, 2009, 56, 323-334.	0.9	7
12	Time-dependent neutron transport in finite media using Pomraning's Eddington approximation. Annals of Nuclear Energy, 2005, 32, 343-353.	1.8	6
13	Polarized radiation transfer in finite atmospheric media. Planetary and Space Science, 2007, 55, 1283-1289.	1.7	6
14	Radiative heat transfer in variable refractive index slab media using Pomraning's Eddington approximation. International Journal of Heat and Mass Transfer, 2014, 70, 688-692.	4.8	6
15	Random variable transformation for generalized stochastic radiative transfer in finite participating slab media. Physica A: Statistical Mechanics and Its Applications, 2015, 435, 66-79.	2.6	6
16	On Galerkin method for solving radiative heat transfer in finite slabs with spatially-variable refractive index. International Journal of Thermal Sciences, 2016, 100, 416-422.	4.9	6
17	Stochastic transfer of polarized radiation in finite cloudy atmospheric media with reflective boundaries. Astrophysics and Space Science, 2014, 350, 89-101.	1.4	4
18	Time-dependent radiation transfer with Rayleigh scattering in finite slab media. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 102, 152-161.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Polarized radiation transfer in finite binary Markovian random media. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2007, 105, 198-210.	2.3	3
20	Neutron transport for pure-triplet scattering in finite planar media with reflective boundaries. <i>Annals of Nuclear Energy</i> , 2008, 35, 708-713.	1.8	3
21	Radiation transfer through atmospheric aerosol media with anisotropic scattering. <i>Astrophysics and Space Science</i> , 2014, 349, 329-337.	1.4	3
22	SIMULATION STUDY OF THE VEHICLE BRAKING PROCESS WITH TEMPERATURE-DEPENDENT COEFFICIENT OF FRICTION BETWEEN BRAKE PAD AND DISC. <i>Heat Transfer Research</i> , 2021, 52, 1-11.	1.6	3
23	Time-dependent polarized radiation transfer in semi-infinite binary Markovian media. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2005, 90, 259-273.	2.3	2
24	Accurate automatic classification system for 3D CT images of some vertebrate remains from Egypt. <i>Journal of Taibah University for Science</i> , 2022, 16, 632-645.	2.5	2
25	Pure-triplet scattering for radiative transfer in binary discrete random finite media with reflective boundaries and internal source of radiation. <i>Waves in Random and Complex Media</i> , 2008, 18, 219-240.	2.7	1
26	Albedo problem in a semi-infinite medium with pure-triplet scattering. <i>Indian Journal of Physics</i> , 2012, 86, 1131-1137.	1.8	1
27	Radiative transfer in finite participating atmospheric aerosol media. <i>Waves in Random and Complex Media</i> , 2014, 24, 55-68.	2.7	1
28	Optical and radiative-transfer properties of mixed atmospheric aerosols. <i>Advances in Space Research</i> , 2015, 55, 1832-1844.	2.6	1
29	Polarized-radiation transfer in atmospheric aggregates using the Mie-Rayleigh limit. <i>Applied Mathematical Modelling</i> , 2016, 40, 3561-3572.	4.2	1
30	Proposition of abrasion resistance determining method of materials used for production of plowshares. , 2021, , .		1
31	Formulation of space-angular fractional radiative transfer equation in participating finite slab clumpy media. <i>Waves in Random and Complex Media</i> , 0, , 1-12.	2.7	1
32	Investigation of the Near-Tip Stress Field of a Notch Terminating at a Bi-Material Interface. <i>Materials</i> , 2021, 14, 4466.	2.9	1
33	Evaluation of the Influence of the Supply Pressure on Functional Parameters of the Impulse Low-Pressure Gas-Phase Injector. <i>Acta Mechanica Et Automatica</i> , 2020, 14, 180-185.	0.6	1
34	Effects of voltage unbalance and harmonics on drive systems with induction motor. <i>Journal of Taibah University for Science</i> , 2022, 16, 381-391.	2.5	1
35	Stochastic transfer of polarized radiation in finite cluttered atmospheric media with dual statistical analysis. <i>Advances in Space Research</i> , 2015, 56, 929-940.	2.6	0
36	Radiative transfer in finite volcanic eruption clouds. <i>Waves in Random and Complex Media</i> , 2015, 25, 31-42.	2.7	0

#	ARTICLE	IF	CITATIONS
37	Polarized-radiation transfer in stochastic finite planar atmospheric media. Journal of Taibah University for Science, 2016, 10, 242-250.	2.5	0
38	Statistical analysis for stochastic radiation transfer in finite participating media with Rayleigh scattering. Journal of Taibah University for Science, 2016, 10, 227-234.	2.5	0
39	Asymptotic stress field at tip of notch terminating to interface. , 2021, , .		0
40	Possibility of using pressure timing course from outlet nozzle of low-pressure impulse gas-phase injector to evaluate its flow properties. , 2021, , .		0