

# Sohrab Aghaei

## List of Publications by Year in descending order

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12  
papers

61  
citations

1937685

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h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

12  
citing authors

#	ARTICLE	IF	CITATIONS
1	The solution of D+1-dimensional Dirac equation for diatomic molecules with the Morse potential. European Physical Journal D, 2021, 75, 1.	1.3	6
2	1-D Dirac equation in the presence of the Mathieu potential. European Physical Journal Plus, 2021, 136, 1.	2.6	4
3	Quasi-exact and asymptotic iterative solutions of Dirac equation in the presence of some scalar potentials. Pramana - Journal of Physics, 2020, 94, 1.	1.8	4
4	Fast transverse instability due to RF cavity impedance in the ILSF storage ring. Pramana - Journal of Physics, 2020, 94, 1.	1.8	2
5	Evaluation of Robinson instability due to ILSF RF cavity Impedance. Journal of Instrumentation, 2019, 14, T03001-T03001.	1.2	3
6	Dirac equation in presence of the Hartmann and Higgs oscillator superintegrable potentials with the spin and pseudospin symmetries. International Journal of Modern Physics A, 2016, 31, 1650190.	1.5	10
7	Klein-Gordon Equation with Superintegrable Systems: Kepler-Coulomb, Harmonic Oscillator, and Hyperboloid. Advances in High Energy Physics, 2015, 2015, 1-9.	1.1	2
8	Quadratic Algebra Approach to the Dirac Equation with Spin and Pseudospin Symmetry for the 4D Harmonic Oscillator and U(1) Monopole. Few-Body Systems, 2015, 56, 53-61.	1.5	9
9	Solution of the Dirac equation with magnetic monopole and pseudoscalar potentials. Open Physics, 2014, 12, .	1.7	1
10	Solution of the Dirac equation with some superintegrable potentials by the quadratic algebra approach. International Journal of Modern Physics A, 2014, 29, 1450028.	1.5	10
11	Dirac Equation and Some Quasi-Exact Solvable Potentials in the Turbiner's Classification. Communications in Theoretical Physics, 2013, 60, 296-302.	2.5	6
12	Dirac particles in the presence of a constant magnetic field and harmonic potential with spin symmetry. Modern Physics Letters A, 0, , 2150109.	1.2	4