Hilmi Yanar

List of Publications by Year
in descending order

23 papers	366 citations	933447 10 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	259 citing authors

#	Article	IF	Citations
1	A large electroencephalographic motor imagery dataset for electroencephalographic brain computer interfaces. Scientific Data, 2018, 5, 180211.	5.3	94
2	Modelling of diatomic molecules. Molecular Physics, 2016, 114, 3134-3142.	1.7	48
3	Ro-vibrational energies of CO molecule via improved generalized Pöschl–Teller potential and Pekeris-type approximation. European Physical Journal Plus, 2020, 135, 1.	2.6	40
4	Relativistic spinless energies and thermodynamic properties of sodium dimer molecule. Chemical Physics, 2018, 513, 252-257.	1.9	28
5	Developing a Three- to Six-State EEG-Based Brain–Computer Interface for a Virtual Robotic Manipulator Control. IEEE Transactions on Biomedical Engineering, 2019, 66, 977-987.	4.2	24
6	Spin and Pseudospin Symmetry in Generalized Manning-Rosen Potential. Advances in High Energy Physics, 2015, 2015, 1-17.	1.1	15
7	Variable generalized Chaplygin gas in a 5D cosmology. Annals of Physics, 2018, 390, 131-142.	2.8	15
8	Scattering and Bound States of Duffin-Kemmer-Petiau Particles for q-Parameter Hyperbolic Pöschl-Teller Potential. Advances in High Energy Physics, 2014, 2014, 1-9.	1.1	14
9	Creation of vector bosons by an electric field in curved spacetime. Annals of Physics, 2014, 343, 40-48.	2.8	11
10	Brans–Dicke type teleparallel scalar–tensor theory. Modern Physics Letters A, 2017, 32, 1750183.	1.2	10
11	Production of Dirac Particles in External Electromagnetic Fields. Acta Physica Polonica B, 2017, 48, 1493.	0.8	10
12	Kaluza–Klein nature of entropy function. Modern Physics Letters A, 2015, 30, 1550209.	1.2	8
13	Dynamics of ghost scalar fields in Kaluza–Klein cosmology. Astrophysics and Space Science, 2017, 362, 1.	1.4	8
14	Bound and scattering states for a hyperbolic–type potential in view of a new developed approximation. International Journal of Quantum Chemistry, 2015, 115, 529-534.	2.0	7
15	Galactic entropy in extended Kaluza–Klein cosmology. Modern Physics Letters A, 2016, 31, 1650038.	1.2	6
16	D-dimensional cosmology via thermodynamics. European Physical Journal Plus, 2019, 134, 1.	2.6	6
17	Relativistic spectral bounds for the general molecular potential: application to a diatomic molecule. Journal of Molecular Modeling, 2019, 25, 143.	1.8	6
18	Logarithmic-corrected Ricci and modified Chaplygin gas dark energy models in fractal framework. European Physical Journal Plus, 2017, 132, 1.	2.6	5

#	Article	IF	Citations
19	Cosmology in scalar–tensor–vector theory via thermodynamics. Modern Physics Letters A, 2018, 33, 1850137.	1.2	4
20	Fermionic Particle Production by Varying Electric and Magnetic Fields. Communications in Theoretical Physics, 2016, 66, 521-525.	2.5	3
21	More accurate ro-vibrational energies for SiF^+($X\ ^1\Sigma^+$) molecule. Physica Scripta, 2022, 97, 045404.	2.5	3
22	Energy-dependent one-dimensional potentials and scattering of relativistic particles. European Physical Journal Plus, 2021, 136, 1.	2.6	1
23	Nature of entropy in a scalar-tensor theory of gravity. Turkish Journal of Physics, 2018, 42, 621-630.	1.1	0