

RÄ±dvan Cem Demirkol

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

940
citations

623734

14
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
19	Berry phase of the linearly polarized light wave along an optical fiber and its electromagnetic curves via quasi adapted frame. <i>Waves in Random and Complex Media</i> , 2022, 32, 1497-1516.	2.7	11
20	Directional magnetic and electric vortex lines and their geometries. <i>Indian Journal of Physics</i> , 2021, 95, 2393-2404.	1.8	10
21	Elastic magnetic curves of ferromagnetic and superparamagnetic models on the surface. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2150037.	2.0	10
22	On the uniform motion of a relativistic charged particle in a homogeneous electromagnetic field in Minkowski space. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 3069-3087.	2.3	9
23	Electromagnetic curves of the polarized light wave along the optical fiber in De-Sitter 2-space S^2 . <i>Indian Journal of Physics</i> , 2021, 95, 147-156.	1.8	8
24	Magnetic motion of spherical frictional charged particles on the unit sphere. <i>Revista Mexicana De Física</i> , 2019, 65, 496-502.	0.4	8
25	A New Approach on the Energy of Elastica and Non-Elastica in Minkowski Space E^4 . <i>Bulletin of the Brazilian Mathematical Society</i> , 2018, 49, 159-177.	0.8	6
26	Binormal schrodinger system of Heisenberg ferromagnetic equation in the normal direction with Q-HATM approach. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2150082.	2.0	6
27	On the new approach for the energy of elastica. <i>Acta Scientiarum - Technology</i> , 2018, 40, 35493.	0.4	5
28	Magnetic helicity and normal electromagnetic vortex filament flows under the influence of Lorentz force in MHD. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2150164.	2.0	3
29	On the geometric dynamics of the charged point-particle propagated through the spherical optical fiber. <i>Optik</i> , 2022, 251, 168287.	2.9	3
30	Normal electromagnetic flux surfaces with the existence of the visco-modified effect. <i>Journal of Computational Electronics</i> , 2022, 21, 684-712.	2.5	2
31	Magnetic flux flows of optical quasi binormal magnetic flows with flux density. <i>Waves in Random and Complex Media</i> , 0, , 1-24.	2.7	1
32	Visco-modified osculating magnetic and electric flux surfaces in the normal direction. <i>Waves in Random and Complex Media</i> , 0, , 1-39.	2.7	1
33	New approach for propagated light with optical solitons by optical fiber in pseudohyperbolic space \mathbb{H}^2 . <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 8263-8274.	2.3	0
34	A new construction on the energy of space curves in unit vector fields in Minkowski space E^4 . <i>Boletim Da Sociedade Paranaense De Matematica</i> , 2021, 39, 105-120.	0.4	0