

RÄ±dvan Cem Demirkol

List of Publications by Year in descending order

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940
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623734

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	New approach for propagated light with optical solitons by optical fiber in pseudohyperbolic space \mathbb{H}_2 . Mathematical Methods in the Applied Sciences, 2023, 46, 8263-8274.	2.3	0
2	Berry phase of the linearly polarized light wave along an optical fiber and its electromagnetic curves via quasi adapted frame. Waves in Random and Complex Media, 2022, 32, 1497-1516.	2.7	11
3	On the geometric dynamics of the charged point-particle propagated through the spherical optical fiber. Optik, 2022, 251, 168287.	2.9	3
4	Magnetic flux surfaces by the fractional Heisenberg antiferromagnetic flow of magnetic $\langle \mathbb{S} \rangle$ lines in binormal direction in Minkowski space. Journal of Magnetism and Magnetic Materials, 2022, 549, 168952.	2.3	24
5	Normal electromagnetic flux surfaces with the existence of the visco-modified effect. Journal of Computational Electronics, 2022, 21, 684-712.	2.5	2
6	Directional magnetic and electric vortex lines and their geometries. Indian Journal of Physics, 2021, 95, 2393-2404.	1.8	10
7	Electromagnetic curves of the polarized light wave along the optical fiber in De-Sitter 2-space \mathbb{S}_1^2 . Indian Journal of Physics, 2021, 95, 147-156.	1.8	8
8	Polarization of propagated light with optical solitons along the fiber in de-sitter space $\langle \mathbb{S} \rangle$ Optik, 2021, 226, 165872.	2.9	71
9	Quasi binormal Schrodinger evolution of wave polarizatÄ±on field of light wÄ±th repulsive type. Physica Scripta, 2021, 96, 045104.	2.5	19
10	Binormal schrodinger system of Heisenberg ferromagnetic equation in the normal direction with Q-HATM approach. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150082.	2.0	6
11	New analytical solutions for the inextensible Heisenberg ferromagnetic flow and solitonic magnetic flux surfaces in the binormal direction. Physica Scripta, 2021, 96, 085219.	2.5	48
12	Binormal schrodinger system of wave propagation field of light radiate in the normal direction with q-HATM approach. Optik, 2021, 235, 166444.	2.9	65
13	Approximate solutions for the inextensible Heisenberg antiferromagnetic flow and solitonic magnetic flux surfaces in the normal direction in Minkowski space. Optik, 2021, 238, 166403.	2.9	86
14	Magnetic helicity and normal electromagnetic vortex filament flows under the influence of Lorentz force in MHD. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150164.	2.0	3
15	Magnetic helicity and electromagnetic vortex filament flows under the influence of Lorentz force in MHD. Optik, 2021, 242, 167302.	2.9	44
16	Optical quasi flux density of Heisenberg ferromagnetic spin with qHATM approach. Optik, 2021, 245, 167567.	2.9	13
17	Optical magnetic helicity with binormal electromagnetic vortex filament flows in MHD. Optik, 2021, 247, 167544.	2.9	12
18	Elastic magnetic curves of ferromagnetic and superparamagnetic models. Mathematical Methods in the Applied Sciences, 2021, 44, 5797-5820.	2.3	21

#	ARTICLE	IF	CITATIONS
19	A new construction on the energy of space curves in unit vector fields in Minkowski space $E_{1,3}$. Boletim Da Sociedade Paranaense De Matematica, 2021, 39, 105-120.	0.4	0
20	Elastic magnetic curves of ferromagnetic and superparamagnetic models on the surface. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150037.	2.0	10
21	Electromagnetic curves of the linearly polarized light wave along an optical fiber in a 3D Riemannian manifold with Bishop equations. Optik, 2020, 200, 163334.	2.9	80
22	Maxwellian evolution equations along the uniform optical fiber. Optik, 2020, 217, 164561.	2.9	67
23	Soliton propagation of electromagnetic field vectors of polarized light ray traveling in a coiled optical fiber in the ordinary space. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950117.	2.0	66
24	On the uniform motion of a relativistic charged particle in a homogeneous electromagnetic field in Minkowski space. Mathematical Methods in the Applied Sciences, 2019, 42, 3069-3087.	2.3	9
25	Soliton propagation of electromagnetic field vectors of polarized light ray traveling in a coiled optical fiber in Minkowski space with Bishop equations. European Physical Journal D, 2019, 73, 1.	1.3	84
26	Magnetic motion of spherical frictional charged particles on the unit sphere. Revista Mexicana De Fsica, 2019, 65, 496-502.	0.4	8
27	A New Approach on the Energy of Elastica and Non-Elastica in Minkowski Space $E_{1,3}$. Bulletin of the Brazilian Mathematical Society, 2018, 49, 159-177.	0.8	6
28	Frictional magnetic curves in 3D Riemannian manifolds. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850020.	2.0	71
29	On the new approach for the energy of elastica. Acta Scientiarum - Technology, 2018, 40, 35493.	0.4	5
30	Gravitational magnetic curves on 3D Riemannian manifolds. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850184.	2.0	58
31	The motion of a relativistic charged particle in a homogenous electromagnetic field in De-Sitter space. Revista Mexicana De Fsica, 2018, 64, 176-180.	0.4	14
32	A New Characterization on the Energy of Elastica with the Energy of Bishop Vector Fields in Minkowski Space. Journal of Advanced Physics, 2017, 6, 562-569.	0.4	14
33	Magnetic flux flows of optical quasi binormal magnetic flows with flux density. Waves in Random and Complex Media, 0, , 1-24.	2.7	1
34	Visco-modified osculating magnetic and electric flux surfaces in the normal direction. Waves in Random and Complex Media, 0, , 1-39.	2.7	1