Talat KÃ¶rpÄ±nar

List of Publications by Year
in descending order

170 papers	2,282 citations	236925 25 h-index	302126 39 g-index
170 all docs	170 docs citations	170 times ranked	71 citing authors

#	Article	IF	Citations
1	Optical directional binormal magnetic flows with geometric phase: Heisenberg ferromagnetic model. Optik, 2020, 219, 165134.	2.9	87
2	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
3	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
4	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
5	Soliton propagation of electromagnetic field vectors of polarized light ray traveling along with coiled optical fiber on the unit 2-sphere S^2. Revista Mexicana De Física, 2019, 65, 626-633.	0.4	75
6	Frictional magnetic curves in 3D Riemannian manifolds. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850020.	2.0	71
7	Polarization of propagated light with optical solitons along the fiber in de-sitter space $\mathbb{S}_1^2$. Optik, 2021, 226, 165872.	2.9	71
8	Maxwellian evolution equations along the uniform optical fiber. Optik, 2020, 217, 164561.	2.9	67
9	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
10	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
11	Gravitational magnetic curves on 3D Riemannian manifolds. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850184.	2.0	58
12	On Characterization of Time-Like Horizontal Biharmonic Curves in the Lorentzian Heisenberg Group Heis^3. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 641-648.	1.5	48
13	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
14	Magnetic helicity and electromagnetic vortex filament flows under the influence of Lorentz force in MHD. Optik, 2021, 242, 167302.	2.9	44
15	Spherical electric and magnetic phase with Heisenberg spherical ferromagnetic spin by some fractional solutions. Optik, 2021, 242, 167164.	2.9	43
16	A new approach for fractional spherical magnetic flux flows with some fractional solutions. Optik, 2021, 240, 166906.	2.9	40
17	Optical effects of some motion equations on quasi-frame with compatible Hasimoto map. Optik, 2021, 247, 167914.	2.9	38
18	Timelike spherical magnetic $\mathbb{S}_{\mathbf{N}}$ flux flows with Heisenberg spherical ferromagnetic spin with some solutions. Optik, 2021, 242, 166745.	2.9	37

#	ARTICLE	IF	CITATIONS
19	Optical tangent hybrid electromotives for tangent hybrid magnetic particle. Optik, 2021, 247, 167823.	2.9	37
20	New version of optical spherical electric and magnetic flow phase with some fractional solutions in‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e376" altimg="si5.svg"›‹mml:msubsup›‹mml:mrow›‹mml:mi mathvariant="double-struck"›S‹/mml:mi›‹/mml:mrow›‹mml:mrow›‹mml:msup›‹mml:mrow›‹mml:mi mathvariant="double-struck"›H‹/mml:mi›‹/mml:mrow›‹mml:mrow›‹mml:mn›3‹/mml:mn›‹/mml:mrow›‹/mml:msup›‹/mml:mrow›‹ Optik, 2021, 243, 167378.	2.9	36
21	New Characterizations for Minimizing Energy of Biharmonic Particles in Heisenberg Spacetime. International Journal of Theoretical Physics, 2014, 53, 3208-3218.	1.2	34
22	Tangent bimagnetic curves in terms of inextensible flows in space. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950018.	2.0	30
23	Optical energy of spherical velocity with optical magnetic density in Heisenberg sphere space ‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e137" altimg="si1.svg"›‹mml:msubsup›‹mml:mrow›‹mml:mi mathvariant="double-struck"›S‹/mml:mi›‹/mml:mrow›‹mml:mrow›‹mml:mi›H‹/mml:mi›‹mml:mi›e‹/mml:mi›‹mml:mi›i‹/mml:mi Optik, 2021, 247, 167837.	2.9	29
24	Optical spherical electroosmotic phase and optical energy for spherical‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e80" altimg="si3.svg"›‹mml:mi›Î±‹/mml:mi›‹/mml:math›-magnetic fibers. Optik, 2022, 255, 168455.	2.9	28
25	On the Fermiâ€"Walker Derivative for Inextensible Flows. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 477-482.	1.5	27
26	Bianchi Type-I Cosmological Models for Inextensible Flows of Biharmonic Particles by Using Curvature Tensor Field in Spacetime. International Journal of Theoretical Physics, 2015, 54, 1762-1774.	1.2	26
27	Parametric equations of general helices in the sol space SolÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 99.	0.4	25
28	On T-Magnetic Biharmonic Particles with Energy and Angle in the Three Dimensional Heisenberg Group H. Advances in Applied Clifford Algebras, 2018, 28, 1.	1.0	25
29	Optical hybrid electric and magnetic B‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e91" altimg="si8.svg"›‹mml:msub›‹mml:mrow /›‹mml:mrow›‹mml:mn›1‹/mml:mn›‹/mml:mrow›‹/mml:msub›‹/mml:math›-phase with Landau Lifshitz approach. Optik, 2021, 247, 167917.	2.9	24
30	Magnetic flux surfaces by the fractional Heisenberg antiferromagnetic flow of magnetic ‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e257" altimg="si3.svg"›‹mml:mrow›‹mml:mi›b‹/mml:mi›‹mml:mo›â`‹/mml:mo›‹/mml:mrow›‹/mml:math›lines in binormal direction in Minkowski space. Journal of Magnetism and Magnetic Materials, 2022, 549, 168952.	2.3	24
31	A New Version of Normal Magnetic Force Particles in 3D Heisenberg Space. Advances in Applied Clifford Algebras, 2018, 28, 1.	1.0	23
32	A new optical Heisenberg ferromagnetic model for optical directional velocity magnetic flows with geometric phase. Indian Journal of Physics, 2020, 94, 1409-1421.	1.8	23
33	New approach for optical electroostimistic phase with optical quasi potential energy. Optik, 2022, 251, 168291.	2.9	23
34	On characterization of ‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"›‹mml:mi mathvariant="fraktur"›B‹/mml:mi›‹/mml:math›-canal surfaces in terms of biharmonic ‹mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"›‹mml:mi mathvariant="fraktur"›B‹/mml:mi›‹/mml:math›-slant helices according to Bishop frame in Heisenberg group Heis3. Journal of Mathematical Analysis and Applications, 2011, 382, 57-65.	1.0	22
35	Optical electromagnetic flux fibers with optical antiferromagnetic model. Optik, 2022, 251, 168301.	2.9	22
36	Elastic magnetic curves of ferromagnetic and superparamagnetic models. Mathematical Methods in the Applied Sciences, 2021, 44, 5797-5820.	2.3	21

#	Article	IF	Citations
37	Optical spherical$\mathbb{S}\mathbf{s}$-electric and magnetic phase with fractional q-HATM approach. Optik, 2021, 243, 167274.	2.9	20
38	Electric flux fibers with spherical antiferromagnetic approach with electroosmotic velocity. Optik, 2022, 252, 168108.	2.9	20
39	A New Version of Inextensible Flows of Spacelike Curves with Timelike $\mathbf{B}_{2}$ in Minkowski Space-Time $\mathbb{E}_{1}^{4}$. Differential Equations and Dynamical Systems, 2013, 21, 281-290.	1.0	19
40	Quasi binormal Schrodinger evolution of wave polarizaÄ±on field of light wÄ±th repulsive type. Physica Scripta, 2021, 96, 045104.	2.5	19
41	An approach to energy and elastic for curves with extended Darboux frame in Minkowski space. AIMS Mathematics, 2020, 5, 1025-1034.	1.6	18
42	A New Construction of Fermi-Walker Derivative by Focal Curves According to Modified Frame. Journal of Advanced Physics, 2018, 7, 292-294.	0.4	17
43	Time-Tangent Surfaces Around Biharmonic Particles and Its Lorentz Transformations in Heisenberg Spacetime. International Journal of Theoretical Physics, 2013, 52, 4427-4438.	1.2	16
44	Optical spherical electromotive density with some fractional applications with Laplace transform in spherical Heisenberg space$\mathbb{S}\mathbb{H}2$. Optik, 2021, 245, 167596.	2.9	16
45	$\mathbb{S}Î±$-flux with electroosmotic velocity in Heisenberg$\mathbb{S}$.	2.9	16
46	Time-Canal Surfaces Around Biharmonic Particles and Its Lorentz Transformations in Heisenberg Space-Time. International Journal of Theoretical Physics, 2014, 53, 1502-1520.	1.2	15
47	New characterization of b-m2 developable surfaces. Acta Scientiarum - Technology, 2015, 37, 245.	0.4	15
48	Optical electromotive force with Heisenberg spherical ferromagnetic spin. Optik, 2021, 245, 167521.	2.9	15
49	Inextensible flows of spacelike curves with timelike principal normal according to Darboux frame in Mâ‚³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 9.	0.4	14
50	Geometric phase for timelike spherical normal magnetic charged particles optical ferromagnetic model. Journal of Taibah University for Science, 2020, 14, 742-749.	2.5	14
51	Spherical magnetic flux flows with fractional Heisenberg spherical ferromagnetic spin of optical spherical flux density with fractional applications. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150117.	2.0	14
52	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
53	The motion of a relativistic charged particle in a homogenous electromagnetic field in De-Sitter space. Revista Mexicana De FÃsica, 2018, 64, 176-180.	0.4	14
54	ON SPACELIKE BIHARMONIC SLANT HELICES ACCORDING TO BISHOP FRAME IN THE LORENTZIAN GROUP OF RIGID MOTIONS E(1,1) - doi: 10.5269/bspm.v30i2.14558. Boletim Da Sociedade Paranaense De Matematica, 2011, 30, 91-100.	0.4	13

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55	New Electromagnetic Fluids Inextensible Flows of Spacelike Particles and some Wave Solutions in Minkowski Space-time. International Journal of Theoretical Physics, 2016, 55, 8-16.	1.2	13
56	Optical fractional spherical magnetic flux flows with Heisenberg spherical Landau Lifshitz model. Optik, 2021, 240, 166634.	2.9	13
57	Optical quasi flux density of Heisenberg ferromagnetic spin with qHATM approach. Optik, 2021, 245, 167567.	2.9	13
58	Optical magnetic helicity with binormal electromagnetic vortex filament flows in MHD. Optik, 2021, 247, 167544.	2.9	12
59	On Velocity Magnetic Curves in Terms of Inextensible Flows in Space. Journal of Advanced Physics, 2018, 7, 257-260.	0.4	12
60	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
61	Geometric magnetic phase for timelike spherical optical ferromagnetic model. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150099.	2.0	11
62	A New Version of Time-Pencil Surfaces Around Biharmonic Particles and Its Lorentz Transformations in Heisenberg Spacetime. International Journal of Theoretical Physics, 2014, 53, 2288-2303.	1.2	10
63	Directional magnetic and electric vortex lines and their geometries. Indian Journal of Physics, 2021, 95, 2393-2404.	1.8	10
64	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
65	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
66	On Characterization Canal Surfaces around Timelike Horizontal Biharmonic Curves in Lorentzian Heisenberg Group Heis³. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2011, 66, 441-449.	1.5	8
67	Tubular Surfaces Around Timelike Biharmonic Curves in Lorentzian Heisenberg Group Heis3. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2012, 20, 431-446.	0.3	8
68	Biharmonic S-curves according to Sabban frame in Heisenberg group HeisÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 205.	0.4	8
69	Time Evolution Equations for Surfaces Generated via Binormal Spherical Image in Terms of Inextensible Flows in. Journal of Dynamical Systems and Geometric Theories, 2014, 12, 145-157.	0.2	8
70	New Uniform Motion and Fermiâ€"Walker Derivative of Normal Magnetic Biharmonic Particles in Heisenberg Space. Symmetry, 2020, 12, 1017.	2.2	8
71	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
72	Optical normal antiferromagnetic electromotive microscale with optimistic density. Optik, 2022, 261, 169019.	2.9	8

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73	A new method for inextensible flows of timelike curves in 4-dimensional LP-Sasakian manifolds. Asian-European Journal of Mathematics, 2015, 08, 1550073.	0.5	7
74	New Heisenberg antiferromagnetic spin for quasi normal magnetic flows with geometric phase. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150061.	2.0	7
75	Biharmonic curves according to parallel transport frame in Eâ·. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 213.	0.4	7
76	Characterization of inextensible flows of spacelike curves with sabban frame in Sâ‚‚Â². Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 47.	0.4	6
77	Parallel surfaces to normal ruled surfaces of general helices in the sol space SolÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 245.	0.4	6
78	New inextensible flows of principal normal spherical image. Asian-European Journal of Mathematics, 2018, 11, 1850001.	0.5	6
79	Inextensible flows of biharmonic *S*-curves according to Sabban frame in Heisenberg group Heis³. Journal of Interdisciplinary Mathematics, 2018, 21, 17-27.	0.7	6
80	A New Approach on the Energy of Elastica and Non-Elastica in Minkowski Space E $$_{2}^{4}$$ 2 4. Bulletin of the Brazilian Mathematical Society, 2018, 49, 159-177.	0.8	6
81	Modified Roller Coaster Surface in Space. Mathematics, 2019, 7, 195.	2.2	6
82	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
83	A New Characterization of One Parameter Family of Surfaces by Inextensible Flows in De-Sitter 3-Space. Journal of Advanced Physics, 2018, 7, 251-256.	0.4	6
84	A Note on Fermi Walker Derivative with Constant Energy for Tangent Indicatrix of Slant Helix in the Lie Groups. Journal of Advanced Physics, 2018, 7, 230-234.	0.4	6
85	ENERGY OF THE FERMI-WALKER DERIVATIVES OF MAGNETIC CURVES ACCORDING TO THE BISHOP FRAME IN THE SPACE. Journal of Science and Arts, 2020, 20, 833-844.	0.3	6
86	On characterization of B-focal curves in EÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 175.	0.4	5
87	Approximation for inextensible flows of curves in EÂ³. Boletim Da Sociedade Paranaense De Matematica, 2014, 32, 45.	0.4	5
88	A New Version of the Energy of Tangent Indicatrix with Dynamics System in Lie Group. Differential Equations and Dynamical Systems, 2022, 30, 383-395.	1.0	5
89	<b>On the new approach for the energy of elastica. Acta Scientiarum - Technology, 2018, 40, 35493.	0.4	5
90	A new approach for inextensible flows of binormal spherical indicatrices of magnetic curves. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950020.	2.0	5

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91	A STUDY ON THE HARMONIC EVOLUTE SURFACES OF QUASI BINORMAL SURFACES. Journal of Science and Arts, 2020, 20, 881-892.	0.3	5
92	New optical total recursion for electromagnetic flux of optical fiber with optical microscale. Optik, 2022, 264, 169373.	2.9	5
93	<b>B-tubular surfaces in Lorentzian Heisenberg Group H³. Acta Scientiarum - Technology, 2015, 37, 63.	0.4	4
94	Bianchi Type-I Cosmological Models for Biharmonic Particles and its Transformations in Spacetime. International Journal of Theoretical Physics, 2015, 54, 664-671.	1.2	4
95	On evolute curves in terms of inextensible flows of in E³. Boletim Da Sociedade Paranaense De Matematica, 2018, 36, 117.	0.4	4
96	A new version of energy for involute of slant helix with bending energy in the Lie groups. Acta Scientiarum - Technology, 2019, 41, 36569.	0.4	4
97	On k-type pseudo null slant helices due to the Bishop frame in Minkowski 3-space E_1^3. AIMS Mathematics, 2020, 5, 286-299.	1.6	4
98	Directional magnetic and electric vortex lines and their geometries in Minkowski space. Filomat, 2021, 35, 1015-1031.	0.5	4
99	Optical modeling for electrical ferromagnetic microscale with electroostimistic velocity. Optik, 2022, 259, 168843.	2.9	4
100	Optical modeling for electromagnetic Heisenberg ferromagnetic microscale in Heisenberg group. Waves in Random and Complex Media, 0, , 1-28.	2.7	4
101	New optical Heisenberg model with timelike optical de Sitter flux density. Optik, 2022, 265, 169438.	2.9	4
102	Integral equations of biharmonic constant Ï€â‚•slope curves according to type-2 Bishop frame in the SOL space. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 205.	0.4	3
103	On inextensible flows of tangent developable of biharmonic B-Slant helices according to Bishop frames in the special 3-dimensional Kenmotsu manifold. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 89.	0.4	3
104	A New Method for Inextensible Flows of Timelike Curves in Minkowski Space-Time E14. International Journal of Partial Differential Equations, 2014, 2014, 1-7.	0.4	3
105	A characterization for bishop equations of parallel curves according to Bishop Frame in E³. Boletim Da Sociedade Paranaense De Matematica, 2015, 33, 33.	0.4	3
106	New Bianchi type-I cosmological models for biharmonic particles using string cosmology with exponential law. General Relativity and Gravitation, 2015, 47, 1.	2.0	3
107	New approach to BÃ¤cklund transformations for a curve and its pedal curve. Afrika Matematika, 2019, 30, 209-216.	0.8	3
108	Optical Heisenberg ferromagnetic model for directional inextensible flows of spacelike curves with geometric phase. Indian Journal of Physics, 2020, 94, 403-408.	1.8	3

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109	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
110	New approach for optical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e90" altimg="si7.svg"><mml:mrow><mml:mi mathvariant="double-struck">S</mml:mi><mml:mi mathvariant="bold-italic">Î±</mml:mi><mml:mo>â˜</mml:mo></mml:mrow></mml:math> spherical electromagnetic phase by Landau Lifshitz approach. Optik, 2021, 247, 167906.	2.9	3
111	On Fermi-Walker transformation for timelike flows in spacetime. Journal of Geometry and Physics, 2021, 170, 104353.	1.4	3
112	On Inextensible flows of curves according to alternative moving frame. Journal of Dynamical Systems and Geometric Theories, 2017, 15, 15-27.	0.2	3
113	On the geometric dynamics of the charged point-particle propagated through the spherical optical fiber. Optik, 2022, 251, 168287.	2.9	3
114	Biharmonic B-slant helices according to bishop frame in the SLâ„(R). Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 39.	0.4	2
115	On velocity bimagnetic biharmonic particles with energy on Heisenberg space. Proyecciones, 2018, 37, 379-387.	0.3	2
116	New characterization of d-focal curves in Minkowski 3-space. Boletim Da Sociedade Paranaense De Matematica, 2020, 38, 115-122.	0.4	2
117	Approximate solutions for optical magnetic and electric phase with fractional optical Heisenberg ferromagnetic spin by RPSM. Optik, 2021, 247, 167819.	2.9	2
118	Directional Inextensible Flows of Curves by Quasi Frame. Journal of Advanced Physics, 2018, 7, 427-429.	0.4	2
119	New Version of BÃ¤cklund Transformations for a Curve and Its Parallel Curve. Journal of Advanced Physics, 2018, 7, 430-434.	0.4	2
120	A new approach to the bienergy and biangle of a moving particle lying in a surface of lorentzian space. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, 22, 917-926.	1.0	2
121	Optical modeling of Hasimoto map for antiferromagnetic timelike optical fiber. Optik, 2021, 251, 168302.	2.9	2
122	Normal electromagnetic flux surfaces with the existence of the visco-modified effect. Journal of Computational Electronics, 2022, 21, 684-712.	2.5	2
123	Optical electromagnetic antiferromagnetic flux with electroosmotic velocity in spherical Heisenberg group. Optik, 2022, , 168831.	2.9	2
124	Optical recursion systems for the Hasimoto map and optical applications with spherical frame. Optik, 2022, 260, 168909.	2.9	2
125	Bertrand mate of timelike biharmonic Legendre curves in Lorentzian Heisenberg group Heis3. Demonstratio Mathematica, 2011, 44, .	1.5	1
126	On construction of D-focal curves in Euclidean 3-space MÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 273.	0.4	1

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127	<b>New type surfaces in terms of B-Smarandache Curves in Sol<sup>3. Acta Scientiarum - Technology, 2015, 37, 389.	0.4	1
128	Constant Energy of Time Involute Particles of Biharmonic Particles in Bianchi Type-I Cosmological Model Spacetime. International Journal of Theoretical Physics, 2015, 54, 1654-1660.	1.2	1
129	A New Method for Designing Inextensible Flows of Spacelike Curves in 4-Dimensional LP-Sasakian Manifolds. Differential Equations and Dynamical Systems, 2015, 23, 167-179.	1.0	1
130	Electromagnetic Fields on Time-Involute Particles Around Biharmonic Particles and its Lorentz Transformations in Heisenberg Spacetime. International Journal of Theoretical Physics, 2015, 54, 227-235.	1.2	1
131	New approach to uniformly quasi circular motion of quasi velocity biharmonic magnetic particles in the Heisenberg space. Mathematical Methods in the Applied Sciences, 2021, 44, 5172-5187.	2.3	1
132	A New Version of Five-Axis Motion of Spheres with Spacelike Curves in Minkowski Space. Journal of Advanced Physics, 2018, 7, 366-375.	0.4	1
133	Magnetic flux flows of optical quasi binormal magnetic flows with flux density. Waves in Random and Complex Media, 0, , 1-24.	2.7	1
134	New optical hybrid electromotive of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e952" altimg="si5.svg"><mml:msub><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>-ferroma fiber with some optical applications. Optik, 2022, 251, 168190.	2.9	1
135	New optical hybrid electric and magnetic B2-phase with Landau Lifshitz approach. Waves in Random and Complex Media, 0, , 1-27.	2.7	1
136	Visco-modified osculating magnetic and electric flux surfaces in the normal direction. Waves in Random and Complex Media, 0, , 1-39.	2.7	1
137	New quasi uniformly accelerated motion with hidden quasi momentum. Journal of Ocean Engineering and Science, 2022, , .	4.3	1
138	New optical radial direction for optical modeling with Minkowski extended frame. Optik, 2022, , 169424.	2.9	1
139	QUASI FOCAL CURVES OF ADJOINT CURVES OF TIMELIKE CURVES IN 3D MINKOWSKI SPACE. Journal of Science and Arts, 2022, 22, 407-412.	0.3	1
140	Optical modeling for geometric phase for the Hasimoto transformations on unit sphere. Optik, 2022, 267, 169642.	2.9	1
141	CHARACTERIZATION OF SPACELIKE BIHARMONIC CURVES WITH TIMELIKE BINORMAL ACCORDING TO FLAT METRIC IN LORENTZIAN HEISENBERG GROUP HeisÂ³ - doi: 10.5269/bspm.v30i2.14706. Boletim Da Sociedade Paranaense De Matematica, 2011, 30, 101-107.	0.4	0
142	Darboux rotation axis of spacelike biharmonic helices with timelike normal in the Lorentzian E(1, 1). Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 9.	0.4	0
143	Construction of inextensible flows of dual normal surfaces in the dual space DÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 31.	0.4	0
144	One parameter family of b-mâ,•developable surfaces of biharmonic new type b-slant helices according to Bishop frame in the sol space SolÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 121.	0.4	0

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145	b-Smarandache tmâ,, curves of biharmonic new type b-slant helices according to Bishop frame in the Sol space SolÂ³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 265.	0.4	0
146	Characterizing of dual focal curves in Dâ,Â³. Boletim Da Sociedade Paranaense De Matematica, 2013, 31, 77.	0.4	0
147	D-TANGENT SURFACES OF TIMELIKE BIHARMONIC D-HELICES ACCORDING TO DARBOUX FRAME ON NON-DEGENERATE TIMELIKE SURFACES IN THE LORENTZIAN HEISENBERG GROUP H. Boletim Da Sociedade Paranaense De Matematica, 2014, 32, 35.	0.4	0
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