

Farid Tari

List of Publications by Year in descending order

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37
papers

454
citations

687363

13
h-index

752698

20
g-index

38
all docs

38
docs citations

38
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	On binary differential equations. <i>Nonlinearity</i> , 1995, 8, 255-271.	1.4	53
2	Families of surfaces: focal sets, ridges and umbilics. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1999, 125, 243-268.	0.4	52
3	A Bayesian Network for predicting yield response of winter wheat to fungicide programmes. <i>Computers and Electronics in Agriculture</i> , 1996, 15, 111-121.	7.7	27
4	Ridges, crests and sub-parabolic lines of evolving surfaces. <i>International Journal of Computer Vision</i> , 1996, 18, 195-210.	15.6	27
5	On pairs of geometric foliations on a cross-cap. <i>Tohoku Mathematical Journal</i> , 2007, 59, 233.	0.2	22
6	Curves in the Minkowski plane and their contact with pseudo-circles. <i>Geometriae Dedicata</i> , 2012, 159, 109-124.	0.3	22
7	On the Multiplicity of Implicit Differential Equations. <i>Journal of Differential Equations</i> , 1998, 148, 122-147.	2.2	21
8	On the geometry of simple germs of co-rank 1 maps from $\hat{\mathbb{A}}^3$ to $\hat{\mathbb{A}}^3$. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1996, 119, 469-481.	0.4	19
9	Self-adjoint operators on surfaces with singular metrics. <i>Journal of Dynamical and Control Systems</i> , 2010, 16, 329-353.	0.8	19
10	Dupin indicatrices and families of curve congruences. <i>Transactions of the American Mathematical Society</i> , 2004, 357, 267-285.	0.9	18
11	Duality and implicit differential equations. <i>Nonlinearity</i> , 2000, 13, 791-811.	1.4	16
12	Two-parameter families of implicit differential equations. <i>Discrete and Continuous Dynamical Systems</i> , 2005, 13, 139-162.	0.9	15
13	Projections of surfaces in \mathbb{R}^4 to \mathbb{R}^3 and the geometry of their singular images. <i>Revista Matematica Iberoamericana</i> , 2015, 31, 33-50.	0.9	15
14	On families of square matrices. <i>Proceedings of the London Mathematical Society</i> , 2004, 89, 738-762.	1.3	13
15	ASYMPTOTIC CURVES ON SURFACES IN $\hat{\mathbb{A}}^5$. <i>Communications in Contemporary Mathematics</i> , 2008, 10, 309-335.	1.2	13
16	Projections of hypersurfaces in the hyperbolic space to hyperhorospheres and hyperplanes. <i>Revista Matematica Iberoamericana</i> , 2008, 24, 895-920.	0.9	12
17	Self-adjoint operators on surfaces in \mathbb{R}^n . <i>Differential Geometry and Its Applications</i> , 2009, 27, 296-306.	0.5	12
18	Two parameter families of binary differential equations. <i>Discrete and Continuous Dynamical Systems</i> , 2008, 22, 759-789.	0.9	10

#	ARTICLE	IF	CITATIONS
19	Singularities of the geodesic flow on surfaces with pseudo-Riemannian metrics. <i>Geometriae Dedicata</i> , 2016, 185, 131-153.	0.3	9
20	Umbilics of surfaces in the Minkowski 3-space. <i>Journal of the Mathematical Society of Japan</i> , 2013, 65, .	0.4	8
21	Families of surfaces and conjugate curve congruences. <i>Advances in Geometry</i> , 2009, 9, 279-309.	0.4	7
22	Pairs of foliations on surfaces. , 0, , 305-337.		7
23	Geometric properties of the integral curves of an implicit differential equation. <i>Discrete and Continuous Dynamical Systems</i> , 2007, 17, 349-364.	0.9	6
24	Perpendicular bisectors, duality and local symmetry of plane curves. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 1995, 125, 181-194.	1.2	5
25	Extrema of principal curvature and symmetry. <i>Proceedings of the Edinburgh Mathematical Society</i> , 1996, 39, 397-402.	0.3	5
26	Apparent contours in Minkowski 3-space and first order ordinary differential equations. <i>Nonlinearity</i> , 2013, 26, 911-932.	1.4	5
27	On the geometry of the cross-cap in the Minkowski 3-space and binary differential equations. <i>Tohoku Mathematical Journal</i> , 2016, 68, .	0.2	4
28	Flat and round singularity theory of plane curves. <i>Quarterly Journal of Mathematics</i> , 2017, 68, 1289-1312.	0.8	3
29	On pairs of regular foliations in \mathbb{R}^3 and singularities of map-germs. <i>Geometriae Dedicata</i> , 2008, 135, 103-118.	0.3	2
30	On Umbilic Points on Newly Born Surfaces. <i>Bulletin of the Brazilian Mathematical Society</i> , 2017, 48, 679-696.	0.8	2
31	Minkowski Symmetry Sets of Plane Curves. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2017, 60, 461-480.	0.3	2
32	Recognition of k -Singularities of Functions. <i>Experimental Mathematics</i> , 1992, 1, 225-229.	0.7	1
33	Projections of surfaces in the hyperbolic space along horocycles. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2010, 140, 399-418.	1.2	1
34	Families of spherical surfaces and harmonic maps. <i>Geometriae Dedicata</i> , 2019, 201, 203-225.	0.3	1
35	Vector Fields Tangent to Foliations. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2008, 51, 765-778.	0.3	0
36	On the differential geometry of holomorphic plane curves. <i>Transactions of the American Mathematical Society</i> , 2020, 373, 6817-6833.	0.9	0

#	ARTICLE	IF	CITATIONS
37	On vertices and inflections of plane curves. Journal of Singularities, 0, , .	0.1	0