Miguel Brozos-VÃ¡zquez

List of Publications by Year
in descending order

52	447	1040056 9	794594 19
papers	citations	h-index	g-index
53	53	53	121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Critical metrics and massive gravity solutions on three-dimensional Brinkmann waves*. Classical and Quantum Gravity, 2022, 39, 015007.	4.0	3
2	Curvature homogeneous critical metrics in dimension three. Journal of Mathematical Analysis and Applications, 2022, 514, 126354.	1.0	1
3	Three-dimensional homogeneous critical metrics for quadratic curvature functionals. Annali Di Matematica Pura Ed Applicata, 2021, 200, 363-378.	1.0	3
4	Critical metrics for all quadratic curvature functionals. Bulletin of the London Mathematical Society, 2021, 53, 680-685.	0.8	2
5	Spaces of locally homogeneous affine surfaces. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	1.2	0
6	On distinguished local coordinates for locally homogeneous affine surfaces. Monatshefte Fur Mathematik, 2020, 192, 65-74.	0.9	0
7	Solutions to the affine quasi-Einstein equation for homogeneous surfaces. Advances in Geometry, 2020, 20, 413-432.	0.4	0
8	Isotropic quasi-Einstein manifolds. Classical and Quantum Gravity, 2019, 36, 245005.	4.0	6
9	Classification of the relative positions between a small ellipsoid and an elliptic paraboloid. Computer Aided Geometric Design, 2019, 72, 34-48.	1.2	3
10	The structure of the Ricci tensor on locally homogeneous Lorentzian gradient Ricci solitons. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2018, 148, 461-482.	1.2	4
11	Half conformally flat generalized quasi-Einstein manifolds of metric signature (2,2). International Journal of Mathematics, 2018, 29, 1850002.	0.5	8
12	The affine quasi-Einstein Equation for homogeneous surfaces. Manuscripta Mathematica, 2018, 157, 279-294.	0.6	2
13	Homogeneous affine surfaces: affine Killing vector fields and gradient Ricci solitons. Journal of the Mathematical Society of Japan, 2018, 70, .	0.4	15
14	A natural linear equation in affine geometry: The affine quasi-Einstein Equation. Proceedings of the American Mathematical Society, 2018, 146, 3485-3497.	0.8	4
15	Classification of the relative positions between a circular hyperboloid of one sheet and a sphere. Mathematical Methods in the Applied Sciences, 2018, 41, 5274-5292.	2.3	5
16	Four-dimensional neutral signature self-dual gradient Ricci solitons. Indiana University Mathematics Journal, 2016, 65, 1921-1943.	0.9	8
17	Homogeneous affine surfaces: Moduli spaces. Journal of Mathematical Analysis and Applications, 2016, 444, 1155-1184.	1.0	10
18	Half conformally flat gradient Ricci almost solitons. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20160043.	2.1	5

#	Article	IF	Citations
19	Locally conformally flat Lorentzian quasi-Einstein manifolds. Monatshefte Fur Mathematik, 2014, 173, 175-186.	0.9	6
20	Homogeneous 4-Dimensional Kähler–Weyl Structures. Results in Mathematics, 2013, 64, 357-369.	0.8	1
21	Locally Conformally Flat Lorentzian Gradient Ricci Solitons. Journal of Geometric Analysis, 2013, 23, 1196-1212.	1.0	40
22	Complex Osserman Kähler manifolds in dimension four. Forum Mathematicum, 2013, 25, .	0.7	0
23	Geometric realizability of covariant derivative Kähler tensors for almost pseudo-Hermitian and almost para-Hermitian manifolds. Annali Di Matematica Pura Ed Applicata, 2012, 191, 487-502.	1.0	4
24	Equivalence between the Osserman condition and the Rakić duality principle in dimension 4. Journal of Geometry and Physics, 2012, 62, 2346-2352.	1.4	6
25	Three-dimensional Lorentzian homogeneous Ricci solitons. Israel Journal of Mathematics, 2012, 188, 385-403.	0.8	65
26	Ricci solitons on Lorentzian manifolds with large isometry groups. Bulletin of the London Mathematical Society, 2011, 43, 1219-1227.	0.8	33
27	Geometric Realizations of Affine Kähler Curvature Models. Results in Mathematics, 2011, 59, 507-521.	0.8	4
28	Compact Osserman Manifolds with Neutral Metric. Results in Mathematics, 2011, 59, 495-506.	0.8	0
29	THE STRUCTURE OF THE SPACE OF AFFINE KÄHLER CURVATURE TENSORS AS A COMPLEX MODULE. International Journal of Geometric Methods in Modern Physics, 2011, 08, 1849-1868.	2.0	3
30	Some generalizations of locally symmetric spaces. , 2011, , .		0
31	GEOMETRIC REALIZATIONS OF KAEHLER AND OF PARA-KAEHLER CURVATURE MODELS. International Journal of Geometric Methods in Modern Physics, 2010, 07, 505-515.	2.0	8
32	Geometric realizations of Hermitian curvature models. Journal of the Mathematical Society of Japan, 2010, 62, .	0.4	1
33	Geometric Realizations of Para-Hermitian Curvature Models. Results in Mathematics, 2009, 56, 319-333.	0.8	9
34	Geometric realizations of curvature models by manifolds with constant scalar curvature. Differential Geometry and Its Applications, 2009, 27, 696-701.	0.5	9
35	The Geometry of Walker Manifolds. Synthesis Lectures on Mathematics and Statistics, 2009, 2, 1-179.	0.1	39
36	CONFORMALLY OSSERMAN MULTIPLY WARPED PRODUCT STRUCTURES IN THE RIEMANNIAN SETTING. , 2009, , .		1

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37	Osserman and Conformally Osserman Manifolds with Warped and Twisted Product Structure. Results in Mathematics, 2008, 52, 211-221.	0.8	7
38	Ranking participants in tournaments by means of rating functions. Journal of Mathematical Economics, 2008, 44, 1246-1256.	0.8	9
39	Relating the curvature tensor and the complex Jacobi operator of an almost Hermitian manifold. Advances in Geometry, 2008, 8, 353-365.	0.4	9
40	Examples of signature (2, 2) manifolds with commuting curvature operators. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13149-13159.	2.1	6
41	Manifolds with commuting Jacobi operators. Journal of Geometry, 2007, 86, 21-30.	0.4	8
42	The global geometry of Riemannian manifolds with commuting curvature operators. Journal of Fixed Point Theory and Applications, 2007, 1, 87-96.	1.1	7
43	Stanilov-Tsankov-Videv Theory. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2007, , .	0.5	4
44	Conformally Osserman four-dimensional manifolds whose conformal Jacobi operators have complex eigenvalues. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2006, 462, 1425-1441.	2.1	15
45	Pseudo-riemannian manifolds with commuting jacobi operators. Rendiconti Del Circolo Matematico Di Palermo, 2006, 55, 163-174.	1.3	4
46	Complete locally conformally flat manifolds of negative curvature. Pacific Journal of Mathematics, 2006, 226, 201-219.	0.5	19
47	Locally conformally flat multidimensional cosmological models with a higher-dimensional external spacetime. Classical and Quantum Gravity, 2005, 22, 3119-3133.	4.0	1
48	Some remarks on locally conformally flat static spaceâ€"times. Journal of Mathematical Physics, 2005, 46, 022501.	1.1	39
49	Warped product metrics and locally conformally flat structures. Matematica Contemporanea, 2005, 28, .	0.0	3
50	Locally conformally flat multidimensional cosmological models and generalized Friedmannâ€"Robertsonâ€"Walker spacetimes. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 008-008.	5.4	2
51	Vacuum Einstein field equations in smooth metric measure spaces: the isotropic case. Classical and Quantum Gravity, 0, , .	4.0	0
52	Homogeneous and curvature homogeneous Lorentzian critical metrics. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-25.	1.2	2