Miguel Brozos-VÃ¡zquez

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Three-dimensional Lorentzian homogeneous Ricci solitons. Israel Journal of Mathematics, 2012, 188, 385-403.	0.8	65
2	Locally Conformally Flat Lorentzian Gradient Ricci Solitons. Journal of Geometric Analysis, 2013, 23, 1196-1212.	1.0	40
3	Some remarks on locally conformally flat static space–times. Journal of Mathematical Physics, 2005, 46, 022501.	1.1	39
4	The Geometry of Walker Manifolds. Synthesis Lectures on Mathematics and Statistics, 2009, 2, 1-179.	0.1	39
5	Ricci solitons on Lorentzian manifolds with large isometry groups. Bulletin of the London Mathematical Society, 2011, 43, 1219-1227.	0.8	33
6	Complete locally conformally flat manifolds of negative curvature. Pacific Journal of Mathematics, 2006, 226, 201-219.	0.5	19
7	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
8	Homogeneous affine surfaces: affine Killing vector fields and gradient Ricci solitons. Journal of the Mathematical Society of Japan, 2018, 70, .	0.4	15
9	Homogeneous affine surfaces: Moduli spaces. Journal of Mathematical Analysis and Applications, 2016, 444, 1155-1184.	1.0	10
10	Ranking participants in tournaments by means of rating functions. Journal of Mathematical Economics, 2008, 44, 1246-1256.	0.8	9
11	Relating the curvature tensor and the complex Jacobi operator of an almost Hermitian manifold. Advances in Geometry, 2008, 8, 353-365.	0.4	9
12	Geometric Realizations of Para-Hermitian Curvature Models. Results in Mathematics, 2009, 56, 319-333.	0.8	9
13	Geometric realizations of curvature models by manifolds with constant scalar curvature. Differential Geometry and Its Applications, 2009, 27, 696-701.	0.5	9
14	Manifolds with commuting Jacobi operators. Journal of Geometry, 2007, 86, 21-30.	0.4	8
15	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
16	Four-dimensional neutral signature self-dual gradient Ricci solitons. Indiana University Mathematics Journal, 2016, 65, 1921-1943.	0.9	8
17	Half conformally flat generalized quasi-Einstein manifolds of metric signature (2,2). International Journal of Mathematics, 2018, 29, 1850002.	0.5	8
18	The global geometry of Riemannian manifolds with commuting curvature operators. Journal of Fixed Point Theory and Applications, 2007, 1, 87-96.	1.1	7

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19	Osserman and Conformally Osserman Manifolds with Warped and Twisted Product Structure. Results in Mathematics, 2008, 52, 211-221.	0.8	7
20	Examples of signature (2, 2) manifolds with commuting curvature operators. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13149-13159.	2.1	6
21	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
22	Locally conformally flat Lorentzian quasi-Einstein manifolds. Monatshefte Fur Mathematik, 2014, 173, 175-186.	0.9	6
23	Isotropic quasi-Einstein manifolds. Classical and Quantum Gravity, 2019, 36, 245005.	4.0	6
24	Half conformally flat gradient Ricci almost solitons. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20160043.	2.1	5
25	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
26	Pseudo-riemannian manifolds with commuting jacobi operators. Rendiconti Del Circolo Matematico Di Palermo, 2006, 55, 163-174.	1.3	4
27	Geometric Realizations of Affine Kähler Curvature Models. Results in Mathematics, 2011, 59, 507-521.	0.8	4
28	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
29	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
30	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
31	Stanilov-Tsankov-Videv Theory. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2007, , .	0.5	4
32	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
33	Classification of the relative positions between a small ellipsoid and an elliptic paraboloid. Computer Aided Geometric Design, 2019, 72, 34-48.	1.2	3
34	Three-dimensional homogeneous critical metrics for quadratic curvature functionals. Annali Di Matematica Pura Ed Applicata, 2021, 200, 363-378.	1.0	3
35	Critical metrics and massive gravity solutions on three-dimensional Brinkmann waves*. Classical and Quantum Gravity, 2022, 39, 015007.	4.0	3
36	Warped product metrics and locally conformally flat structures. Matematica Contemporanea, 2005, 28, .	0.0	3

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37	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
38	The affine quasi-Einstein Equation for homogeneous surfaces. Manuscripta Mathematica, 2018, 157, 279-294.	0.6	2
39	Critical metrics for all quadratic curvature functionals. Bulletin of the London Mathematical Society, 2021, 53, 680-685.	0.8	2
40	Homogeneous and curvature homogeneous Lorentzian critical metrics. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-25.	1.2	2
41	Locally conformally flat multidimensional cosmological models with a higher-dimensional external spacetime. Classical and Quantum Gravity, 2005, 22, 3119-3133.	4.0	1
42	Geometric realizations of Hermitian curvature models. Journal of the Mathematical Society of Japan, 2010, 62, .	0.4	1
43	Homogeneous 4-Dimensional KÃ¤lerâ€"Weyl Structures. Results in Mathematics, 2013, 64, 357-369.	0.8	1
44	CONFORMALLY OSSERMAN MULTIPLY WARPED PRODUCT STRUCTURES IN THE RIEMANNIAN SETTING. , 2009, , .		1
45	Curvature homogeneous critical metrics in dimension three. Journal of Mathematical Analysis and Applications, 2022, 514, 126354.	1.0	1
46	Compact Osserman Manifolds with Neutral Metric. Results in Mathematics, 2011, 59, 495-506.	0.8	0
47	Some generalizations of locally symmetric spaces. , 2011, , .		0
48	Complex Osserman KÃ¤ler manifolds in dimension four. Forum Mathematicum, 2013, 25, .	0.7	0
49	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
50	On distinguished local coordinates for locally homogeneous affine surfaces. Monatshefte Fur Mathematik, 2020, 192, 65-74.	0.9	0
51	Solutions to the affine quasi-Einstein equation for homogeneous surfaces. Advances in Geometry, 2020, 20, 413-432.	0.4	0
52	Vacuum Einstein field equations in smooth metric measure spaces: the isotropic case. Classical and Quantum Gravity, 0, , .	4.0	0