

Charles-Michel Marle

List of Publications by Year in descending order

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15
papers

927
citations

1478505

6
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Symplectic Geometry and Analytical Mechanics. , 1987, , .		569
2	Various approaches to conservative and nonconservative nonholonomic systems. Reports on Mathematical Physics, 1998, 42, 211-229.	0.8	103
3	Reduction of constrained mechanical systems and stability of relative equilibria. Communications in Mathematical Physics, 1995, 174, 295-318.	2.2	81
4	The Schouten-Nijenhuis bracket and interior products. Journal of Geometry and Physics, 1997, 23, 350-359.	1.4	36
5	From Tools in Symplectic and Poisson Geometry to J.-M. Souriau's Theories of Statistical Mechanics and Thermodynamics. Entropy, 2016, 18, 370.	2.2	32
6	The Inception of Symplectic Geometry: the Works of Lagrange and Poisson During the Years 1808-1810. Letters in Mathematical Physics, 2009, 90, 3-21.	1.1	29
7	Calculus on Lie algebroids, Lie groupoids and Poisson manifolds. Dissertationes Mathematicae, 0, 457, 1-57.	1.0	21
8	A property of conformally Hamiltonian vector fields; Application to the Kepler problem. Journal of Geometric Mechanics, 2012, 4, 181-206.	0.8	19
9	Classification des systèmes mcaniques à liaisons actives. , 1991, , 260-287.		16
10	Henry Darcy et les écoulements de fluides en milieu poreux. Oil and Gas Science and Technology, 2006, 61, 599-609.	1.4	7
11	Normal forms generalizing action-angle coordinates for Hamiltonian actions of Lie groups. Letters in Mathematical Physics, 1983, 7, 55-62.	1.1	5
12	Symmetries of Hamiltonian Systems on Symplectic and Poisson Manifolds. Lecture Notes in Applied and Computational Mechanics, 2014, , 185-269.	2.2	5
13	On Mechanical Systems with a Lie Group as Configuration Space. , 2003, , 183-203.		3
14	Relativity, the Special Theory, explained to Children (from 7 to 107 years old). AIP Conference Proceedings, 2006, , .	0.4	0
15	Gibbs States on Symplectic Manifolds with Symmetries. Lecture Notes in Computer Science, 2021, , 237-244.	1.3	0