

# Josef JanyÅ;ka

## List of Publications by Year in descending order

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32  
papers

165  
citations

1162367

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1199166

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g-index

65  
all docs

65  
docs citations

65  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remarks on local Lie algebras of pairs of functions. , 2018, 68, 687-709.		0
2	Infinitesimal Symmetries in Covariant Quantum Mechanics. Springer Proceedings in Mathematics and Statistics, 2018, , 319-336.	0.1	0
3	Quantum potential in covariant quantum mechanics. Differential Geometry and Its Applications, 2017, 54, 175-193.	0.2	1
4	On Lie algebras of generators of infinitesimal symmetries of almost-cosymplectic-contact structures. Archivum Mathematicum, 2016, , 325-339.	0.1	1
5	Remarks on infinitesimal symmetries of geometrical structures of the classical phase space of general relativistic test particle. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1560020.	0.8	2
6	Relations between constants of motion and conserved functions. Archivum Mathematicum, 2015, , 297-313.	0.1	2
7	Special bracket versus Jacobi bracket on the classical phase space of general relativistic test particle. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1460020.	0.8	3
8	Hidden symmetries of the gravitational contact structure of the classical phase space of general relativistic test particle. Archivum Mathematicum, 2014, , 297-316.	0.1	3
9	Combinatorial differential geometry and ideal Bianchiâ€“Ricci identities II â€“ the torsion case. Archivum Mathematicum, 2012, , 61-80.	0.1	0
10	On the characterization of infinitesimal symmetries of the relativistic phase space. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 485205.	0.7	6
11	Special phase functions and phase infinitesimal symmetries in classical general relativity. , 2012, , .		2
12	General covariant derivatives for general connections. Differential Geometry and Its Applications, 2011, 29, S116-S124.	0.2	0
13	Reduction theorem for general connections. Annales Polonici Mathematici, 2011, 102, 231-254.	0.2	1
14	An Algebraic Approach to Physical Scales. Acta Applicandae Mathematicae, 2010, 110, 1249-1276.	0.5	23
15	Generalized geometrical structures of odd dimensional manifolds. Journal Des Mathematiques Pures Et Appliquees, 2009, 91, 211-232.	0.8	13
16	Natural principal connections on the principal gauge prolongation of a principal bundle. Reports on Mathematical Physics, 2009, 64, 395-415.	0.4	7
17	GEOMETRIC STRUCTURES OF THE CLASSICAL GENERAL RELATIVISTIC PHASE SPACE. International Journal of Geometric Methods in Modern Physics, 2008, 05, 699-754.	0.8	13
18	Higher-order utiyama invariant interaction. Reports on Mathematical Physics, 2007, 59, 63-81.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Utiyama's reduction method and infinitesimal symmetries of invariant Lagrangians. , 2007, , .		0
20	Higher order Utiyama-like theorem. Reports on Mathematical Physics, 2006, 58, 93-118.	0.4	9
21	Graded Lie algebra of Hermitian tangent valued forms. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 687-697.	0.8	3
22	HERMITIAN VECTOR FIELDS AND SPECIAL PHASE FUNCTIONS. International Journal of Geometric Methods in Modern Physics, 2006, 03, 719-754.	0.8	12
23	Quantum Operators and Hermitian Vector Fields. , 2006, , .		0
24	Higher order valued reduction theorems for classical connections. Central European Journal of Mathematics, 2005, 3, 294-308.	0.7	3
25	Reduction theorems for general linear connections. Differential Geometry and Its Applications, 2004, 20, 177-196.	0.2	12
26	Covariant Schrödinger operator. Journal of Physics A, 2002, 35, 8407-8434.	1.6	24
27	UNIQUENESS RESULTS BY COVARIANCE IN COVARIANT QUANTUM MECHANICS. , 2002, , .		0
28	Infinitesimal natural and gauge-natural lifts. Differential Geometry and Its Applications, 1992, 2, 99-121.	0.2	2
29	Natural operations with projectable tangent valued forms on a fibred manifold. Annali Di Matematica Pura Ed Applicata, 1991, 159, 171-187.	0.5	3
30	Geometrical properties of prolongation functors. ĀČasopis Pro PĀřstovĀřnĀ-Matematiku, 1985, 110, 77-86.	0.1	3
31	On natural operations with linear connections. Czechoslovak Mathematical Journal, 1985, 35, 106-115.	0.3	3
32	On linear functions on the sphere $S^2$ . Czechoslovak Mathematical Journal, 1981, 31, 75-82.	0.3	0