

# Daniele Ritelli

## List of Publications by Year in descending order

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41  
papers

132  
citations

1684188

5  
h-index

1474206

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g-index

41  
all docs

41  
docs citations

41  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic integral solutions of spatial elastica of a thin straight rod bent under concentrated terminal forces. <i>Meccanica</i> , 2006, 41, 519-527.	2.0	19
2	Exact Solutions of Nonlinear Equation of Rod Deflections Involving the Lauricella Hypergeometric Functions. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2011, 2011, 1-22.	0.7	16
3	The Solow model improved through the logistic manpower growth law. <i>Annali Dell'Universita Di Ferrara</i> , 2003, 49, 73-83.	1.3	14
4	The hyperelliptic integrals and $\tilde{\epsilon}$ . <i>Journal of Number Theory</i> , 2009, 129, 3094-3108.	0.4	10
5	Predation among technologies on the market: A modellistic analysis. <i>Journal of Mathematical Economics</i> , 1997, 27, 347-374.	0.8	5
6	Higher Order Approximation of the Period-energy Function for Single Degree of Freedom Hamiltonian Systems. <i>Meccanica</i> , 2004, 39, 357-368.	2.0	5
7	Relativistic brachistochrones under electric or gravitational uniform fields. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2006, 86, 736-743.	1.6	5
8	On computing some special values of multivariate hypergeometric functions. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 420, 1693-1718.	1.0	5
9	Closed form solution of a periodically forced logistic model. <i>Annali Dell'Universita Di Ferrara</i> , 2008, 54, 85-94.	1.3	4
10	Closed form integration of a hyperelliptic, odd powers, undamped oscillator. <i>Meccanica</i> , 2012, 47, 857-862.	2.0	4
11	Mathematical properties of EOQ models with special cost structure. <i>Applied Mathematical Modelling</i> , 2013, 37, 659-666.	4.2	4
12	Motions about a fixed point by hypergeometric functions: new non-complex analytical solutions and integration of the herpolhode. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2018, 130, 1.	1.4	4
13	The Lambert function, the quintic equation and the proactive discovery of the Implicit Function Theorem. <i>Open Journal of Mathematical Sciences</i> , 2021, 5, 94-114.	0.7	4
14	Dynamical systems in analysing competitiveness and co-existence among technologies. <i>International Journal of Systems Science</i> , 1997, 28, 347-356.	5.5	3
15	$\tilde{\epsilon}$ and the hypergeometric functions of complex argument. <i>Journal of Number Theory</i> , 2011, 131, 1887-1900.	0.4	3
16	Another Proof of $\zeta(2)=\frac{\pi^2}{6}$ Using Double Integrals. <i>American Mathematical Monthly</i> , 2013, 120, 642.	0.3	3
17	A nonlinear boundary problem by the inventory's optimization of a productive system with not wholly quadratic costs. <i>Journal of Interdisciplinary Mathematics</i> , 2005, 8, 133-145.	0.7	2
18	Hypergeometric Identities Related to Roberts Reductions of Hyperelliptic Integrals. <i>Results in Mathematics</i> , 2020, 75, 1.	0.8	2



#	ARTICLE	IF	CITATIONS
37	The meridian curve of a wetting drop: a boundary value problem and its elliptic integrals solution. <i>Meccanica</i> , 2014, 49, 2257-2264.	2.0	0
38	Hypergeometric solutions to a three dimensional dissipative oscillator driven by aperiodic forces. <i>Applied Mathematical Modelling</i> , 2018, 53, 71-82.	4.2	0
39	Aircraft planar trajectories in crosswind navigation: some hypergeometric solutions. <i>European Journal of Physics</i> , 2019, 40, 015001.	0.6	0
40	Generalized Logistic Equations in Covid-Related Epidemic Models. <i>Infosys Science Foundation Series</i> , 2021, , 93-112.	0.6	0
41	Explicit Solution for a Family of Hermann Riccati Differential Equations. <i>Contemporary Mathematics</i> , 0, , 72-80.	0.4	0