

Vincenzo Sciacca

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

607
citations

623574

14
h-index

580701

25
g-index

40
all docs

40
docs citations

40
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex singularity analysis for vortex layer flows. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	1.4	2
2	Up-wind difference approximation and singularity formation for a slow erosion model. <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2020, 54, 465-492.	0.8	2
3	Numerical study of the primitive equations in the small viscosity regime. <i>Ricerche Di Matematica</i> , 2019, 68, 383-397.	0.6	0
4	Route to chaos in the weakly stratified Kolmogorov flow. <i>Physics of Fluids</i> , 2019, 31, .	1.6	9
5	10.1063/1.5081105.3. , 2019, , .		0
6	10.1063/1.5081105.2. , 2019, , .		0
7	Transitions in a stratified Kolmogorov flow. <i>Ricerche Di Matematica</i> , 2017, 66, 189-199.	0.6	4
8	Regularized Euler- α motion of an infinite array of vortex sheets. <i>Bolletino Dell Unione Matematica Italiana</i> , 2017, 10, 113-141.	0.6	6
9	Long time behavior for a dissipative shallow water model. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2017, 34, 731-757.	0.7	2
10	Singular behavior of a vortex layer in the zero thickness limit. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2017, 28, 553-572.	0.3	0
11	Complex singularities in KdV solutions. <i>Ricerche Di Matematica</i> , 2016, 65, 479-490.	0.6	5
12	A spectral approach to a constrained optimization problem for the Helmholtz equation in unbounded domains. <i>Computational and Applied Mathematics</i> , 2015, 34, 1035-1055.	1.3	2
13	Viscous-Inviscid Interactions in a Boundary-Layer Flow Induced by a Vortex Array. <i>Acta Applicandae Mathematicae</i> , 2014, 132, 295-305.	0.5	4
14	Formation of Coherent Structures in Kolmogorov Flow with Stratification and Drag. <i>Acta Applicandae Mathematicae</i> , 2014, 132, 483-492.	0.5	3
15	Analysis of complex singularities in high-Reynolds-number Navier-Stokes solutions. <i>Journal of Fluid Mechanics</i> , 2014, 747, 381-421.	1.4	25
16	A computational method for the Helmholtz equation in unbounded domains based on the minimization of an integral functional. <i>Journal of Computational Physics</i> , 2013, 246, 78-95.	1.9	4
17	Turing pattern formation in the Brusselator system with nonlinear diffusion. <i>Physical Review E</i> , 2013, 88, 042925.	0.8	80
18	Intermittent and passivity based control strategies for a hyperchaotic system. <i>Applied Mathematics and Computation</i> , 2013, 221, 367-382.	1.4	12

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19	Prelingual sensorineural hearing loss and infants at risk: Western Sicily report. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 513-518.	0.4	15
20	Analytic Solutions and Singularity Formation for the Peakon b-Family Equations. <i>Acta Applicandae Mathematicae</i> , 2012, 122, 419.	0.5	15
21	Otitis media with effusion with or without atopy: audiological findings on primary schoolchildren. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2011, 32, 601-606.	0.6	23
22	Risk factors for otitis media with effusion: Case-control study in Sicilian schoolchildren. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2011, 75, 754-759.	0.4	60
23	High Reynolds number Navier-Stokes solutions and boundary layer separation induced by a rectilinear vortex. <i>Computers and Fluids</i> , 2011, 52, 73-91.	1.3	20
24	The point prevalence of otitis media with effusion among primary school children in Western Sicily. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 709-714.	0.8	49
25	Assessing audiological, pathophysiological and psychological variables in tinnitus patients with or without hearing loss. <i>European Archives of Oto-Rhino-Laryngology</i> , 2010, 267, 1685-1693.	0.8	48
26	Investigation of Tinnitus Patients in Italy: Clinical and Audiological Characteristics. <i>International Journal of Otolaryngology</i> , 2010, 2010, 1-8.	1.0	42
27	Characteristics of tinnitus with or without hearing loss: Clinical observations in Sicilian tinnitus patients. <i>Auris Nasus Larynx</i> , 2010, 37, 685-693.	0.5	34
28	UNSTEADY SEPARATION FOR HIGH REYNOLDS NUMBERS NAVIER-STOKES SOLUTIONS. , 2010, , .		0
29	Singularity formation for Prandtl's equations. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 1975-1991.	1.3	38
30	HIGH REYNOLDS NUMBER NAVIER-STOKES SOLUTIONS AND BOUNDARY LAYER SEPARATION INDUCED BY A RECTILINEAR VORTEX ARRAY. , 2008, , .		0
31	Singularity tracking for Camassa-Holm and Prandtl's equations. <i>Applied Numerical Mathematics</i> , 2006, 56, 1108-1122.	1.2	27
32	A Note on the analytic solutions of the Camassa-Holm equation. <i>Comptes Rendus Mathematique</i> , 2005, 341, 659-664.	0.1	7
33	On Deformation of Poisson Manifolds of Hydrodynamic Type. <i>Communications in Mathematical Physics</i> , 2005, 253, 1-24.	1.0	43
34	APPROXIMATE INERTIAL MANIFOLDS FOR THERMODIFFUSION EQUATIONS. , 2004, , .		0
35	Lattice Geometry of the Discrete Darboux, KP, BKP and CKP Equations. Menelaus' and Carnot's Theorems. <i>Journal of Nonlinear Mathematical Physics</i> , 2003, 10, 194.	0.8	23
36	The Bi-Hamiltonian Theory of the Harry Dym Equation. <i>Theoretical and Mathematical Physics</i> (Russian) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	0.8	3

#	ARTICLE	IF	CITATIONS
37	LONG TIME BEHAVIOR OF A SHALLOW WATER MODEL FOR A BASIN WITH VARYING BOTTOM TOPOGRAPHY. , 2002, , .		0