Riccardo Montalto

List of Publications by Year
in descending order

31 papers	597 citations	687363 13 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	74 citing authors

#	Article	IF	Citations
1	KAM for quasi-linear and fully nonlinear forced perturbations of Airy equation. Mathematische Annalen, 2014, 359, 471-536.	1.4	123
2	Time quasi-periodic gravity water waves in finite depth. Inventiones Mathematicae, 2018, 214, 739-911.	2.5	78
3	KAM for autonomous quasi-linear perturbations of KdV. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2016, 33, 1589-1638.	1.4	71
4	Quasi-periodic solutions of forced Kirchhoff equation. Nonlinear Differential Equations and Applications, 2017, 24, 1.	0.8	29
5	A Reducibility Result for a Class of Linear Wave Equations on ${mathbb T}^d$. International Mathematics Research Notices, 2017, 2019, 1788-1862.	1.0	27
6	KAM for autonomous quasi-linear perturbations of mKdV. Bolletino Dell Unione Matematica Italiana, 2016, 9, 143-188.	1.0	26
7	Reducibility of first order linear operators on tori via Moser's theorem. Journal of Functional Analysis, 2019, 276, 932-970.	1.4	26
8	Quasi-Periodic Standing Wave Solutions of Gravity-Capillary Water Waves. Memoirs of the American Mathematical Society, 2020, 263, 0-0.	0.9	22
9	KAM for quasi-linear KdV. Comptes Rendus Mathematique, 2014, 352, 603-607.	0.3	20
10	Reducibility of Non-Resonant Transport Equation on $${mathbb {T}}^d$$ T d with Unbounded Perturbations. Annales Henri Poincare, 2019, 20, 1893-1929.	1.7	20
11	Quasi-periodic solutions for the forced Kirchhoff equation on $ ewcommand{m}{mu} ewcommand{T}{mathbb T} T^d$. Nonlinearity, 2018, 31, 5075-5109.	1.4	19
12	Reducibility of 1-d Schrödinger equation with unbounded time quasiperiodic perturbations. III. Journal of Mathematical Physics, 2018, 59, .	1.1	17
13	Quasi-periodic incompressible Euler flows in 3D. Advances in Mathematics, 2021, 384, 107730.	1.1	17
14	On the growth of Sobolev norms for a class of linear Schrödinger equations on the torus with superlinear dispersion. Asymptotic Analysis, 2018, 108, 85-114.	0.5	13
15	Quasi-periodic water waves. Journal of Fixed Point Theory and Applications, 2017, 19, 129-156.	1.1	12
16	Growth of Sobolev norms for time dependent periodic Schrödinger equations with sublinear dispersion. Journal of Differential Equations, 2019, 266, 4953-4996.	2.2	8
17	Linear Schrödinger Equation with an Almost Periodic Potential. SIAM Journal on Mathematical Analysis, 2021, 53, 386-434.	1.9	8
18	A note on KAM theory for quasi-linear and fully nonlinear forced KdV. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2013, 24, 437-450.	0.6	8

#	Article	IF	Citations
19	Growth of Sobolev norms for unbounded perturbations of the Schrödinger equation on flat tori. Journal of Differential Equations, 2022, 318, 344-358.	2.2	7
20	Controllability of quasi-linear Hamiltonian NLS equations. Journal of Differential Equations, 2018, 264, 1786-1840.	2.2	6
21	Large KAM Tori for Quasi-linear Perturbations of KdV. Archive for Rational Mechanics and Analysis, 2021, 239, 1395-1500.	2.4	6
22	Quadratic lifespan and growth of Sobolev norms for derivative Schrödinger equations on generic tori. Journal of Differential Equations, 2022, 312, 276-316.	2.2	6
23	On the spectrum of the Schrödinger operator on ?^d: a normal form approach. Communications in Partial Differential Equations, 2020, 45, 303-320.	2.2	5
24	Almost-Periodic Response Solutions for a Forced Quasi-Linear Airy Equation. Journal of Dynamics and Differential Equations, 2021, 33, 1231-1267.	1.9	5
25	Spectral asymptotics of all the eigenvalues of Schrödinger operators on flat tori. Nonlinear Analysis: Theory, Methods & Applications, 2022, 216, 112679.	1.1	5
26	Canonical Coordinates with Tame Estimates for the Defocusing NLS Equation on the Circle. International Mathematics Research Notices, 2016, , rnw233.	1.0	3
27	Normal Form Coordinates for the KdV Equation Having Expansions in Terms of Pseudodifferential Operators. Communications in Mathematical Physics, 2020, 375, 833-913.	2.2	3
28	The Navier–Stokes Equation with Time Quasi-Periodic External Force: Existence and Stability of Quasi-Periodic Solutions. Journal of Dynamics and Differential Equations, 2021, 33, 1341-1362.	1.9	3
29	KAM for gravity water waves in finite depth. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2018, 29, 215-236.	0.6	2
30	On the Stability of Periodic Multi-Solitons of the KdV Equation. Communications in Mathematical Physics, 2021, 385, 1871-1956.	2.2	2
31	Normal form coordinates for the Benjamin-Ono equation having expansions in terms of pseudo-differential operators. Discrete and Continuous Dynamical Systems, 2022, .	0.9	0