

Riccardo Montalto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectral asymptotics of all the eigenvalues of Schrödinger operators on flat tori. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2022, 216, 112679.	1.1	5
2	Quadratic lifespan and growth of Sobolev norms for derivative Schrödinger equations on generic tori. <i>Journal of Differential Equations</i> , 2022, 312, 276-316.	2.2	6
3	Growth of Sobolev norms for unbounded perturbations of the Schrödinger equation on flat tori. <i>Journal of Differential Equations</i> , 2022, 318, 344-358.	2.2	7
4	Normal form coordinates for the Benjamin-Ono equation having expansions in terms of pseudo-differential operators. <i>Discrete and Continuous Dynamical Systems</i> , 2022, .	0.9	0
5	Almost-Periodic Response Solutions for a Forced Quasi-Linear Airy Equation. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 1231-1267.	1.9	5
6	The Navier-Stokes Equation with Time Quasi-Periodic External Force: Existence and Stability of Quasi-Periodic Solutions. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 1341-1362.	1.9	3
7	Large KAM Tori for Quasi-linear Perturbations of KdV. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 1395-1500.	2.4	6
8	On the Stability of Periodic Multi-Solitons of the KdV Equation. <i>Communications in Mathematical Physics</i> , 2021, 385, 1871-1956.	2.2	2
9	Quasi-periodic incompressible Euler flows in 3D. <i>Advances in Mathematics</i> , 2021, 384, 107730.	1.1	17
10	Linear Schrödinger Equation with an Almost Periodic Potential. <i>SIAM Journal on Mathematical Analysis</i> , 2021, 53, 386-434.	1.9	8
11	Normal Form Coordinates for the KdV Equation Having Expansions in Terms of Pseudodifferential Operators. <i>Communications in Mathematical Physics</i> , 2020, 375, 833-913.	2.2	3
12	On the spectrum of the Schrödinger operator on \mathbb{T}^d : a normal form approach. <i>Communications in Partial Differential Equations</i> , 2020, 45, 303-320.	2.2	5
13	Quasi-Periodic Standing Wave Solutions of Gravity-Capillary Water Waves. <i>Memoirs of the American Mathematical Society</i> , 2020, 263, 0-0.	0.9	22
14	Reducibility of Non-Resonant Transport Equation on \mathbb{T}^d with Unbounded Perturbations. <i>Annales Henri Poincaré</i> , 2019, 20, 1893-1929.	1.7	20
15	Reducibility of first order linear operators on tori via Moser's theorem. <i>Journal of Functional Analysis</i> , 2019, 276, 932-970.	1.4	26
16	Growth of Sobolev norms for time dependent periodic Schrödinger equations with sublinear dispersion. <i>Journal of Differential Equations</i> , 2019, 266, 4953-4996.	2.2	8
17	Controllability of quasi-linear Hamiltonian NLS equations. <i>Journal of Differential Equations</i> , 2018, 264, 1786-1840.	2.2	6
18	Reducibility of 1-d Schrödinger equation with unbounded time quasiperiodic perturbations. III. <i>Journal of Mathematical Physics</i> , 2018, 59, .	1.1	17

#	ARTICLE	IF	CITATIONS
19	Quasi-periodic solutions for the forced Kirchhoff equation on \mathbb{T}^d . <i>Nonlinearity</i> , 2018, 31, 5075-5109.	1.4	19
20	KAM for gravity water waves in finite depth. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2018, 29, 215-236.	0.6	2
21	On the growth of Sobolev norms for a class of linear Schrödinger equations on the torus with superlinear dispersion. <i>Asymptotic Analysis</i> , 2018, 108, 85-114.	0.5	13
22	Time quasi-periodic gravity water waves in finite depth. <i>Inventiones Mathematicae</i> , 2018, 214, 739-911.	2.5	78
23	Quasi-periodic solutions of forced Kirchhoff equation. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.	0.8	29
24	Quasi-periodic water waves. <i>Journal of Fixed Point Theory and Applications</i> , 2017, 19, 129-156.	1.1	12
25	A Reducibility Result for a Class of Linear Wave Equations on \mathbb{T}^d . <i>International Mathematics Research Notices</i> , 2017, 2019, 1788-1862.	1.0	27
26	KAM for autonomous quasi-linear perturbations of mKdV. <i>Bolletino Dell Unione Matematica Italiana</i> , 2016, 9, 143-188.	1.0	26
27	Canonical Coordinates with Tame Estimates for the Defocusing NLS Equation on the Circle. <i>International Mathematics Research Notices</i> , 2016, , rrw233.	1.0	3
28	KAM for autonomous quasi-linear perturbations of KdV. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2016, 33, 1589-1638.	1.4	71
29	KAM for quasi-linear and fully nonlinear forced perturbations of Airy equation. <i>Mathematische Annalen</i> , 2014, 359, 471-536.	1.4	123
30	KAM for quasi-linear KdV. <i>Comptes Rendus Mathematique</i> , 2014, 352, 603-607.	0.3	20
31	A note on KAM theory for quasi-linear and fully nonlinear forced KdV. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2013, 24, 437-450.	0.6	8