

# Hans Lundmark

## List of Publications by Year in descending order

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12  
papers

605  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-peakon solutions of the Degasperis-Procesi equation. <i>Inverse Problems</i> , 2003, 19, 1241-1245.	2.0	243
2	Explicit multipeakon solutions of Novikov's cubically nonlinear integrable Camassa-Holm type equation. <i>Dynamics of Partial Differential Equations</i> , 2009, 6, 253-289.	0.9	160
3	Degasperis-Procesi peakons and the discrete cubic string. <i>International Mathematics Research Papers</i> , 2005, 2005, 53.	0.3	81
4	Quasi-Lagrangian systems of Newton equations. <i>Journal of Mathematical Physics</i> , 1999, 40, 6366-6398.	1.1	34
5	Dynamics of interlacing peakons (and shockpeakons) in the Geng-Xue equation. <i>Journal of Integrable Systems</i> , 2017, 2, xyw014.	0.4	24
6	An Inverse Spectral Problem Related to the Geng-Xue Two-Component Peakon Equation. <i>Memoirs of the American Mathematical Society</i> , 2016, 244, 0-0.	0.9	20
7	A New Class of Integrable Newton Systems. <i>Journal of Nonlinear Mathematical Physics</i> , 2001, 8, 195.	1.3	15
8	The inverse spectral problem for the discrete cubic string. <i>Inverse Problems</i> , 2007, 23, 99-121.	2.0	14
9	Driven Newton equations and separable time-dependent potentials. <i>Journal of Mathematical Physics</i> , 2002, 43, 6166-6194.	1.1	8
10	Non-interlacing peakon solutions of the Geng-Xue equation. <i>Journal of Integrable Systems</i> , 2019, 4, .	0.4	3
11	Ghostpeakons and Characteristic Curves for the Camassa-Holm, Degasperis-Procesi and Novikov Equations. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 0, , .	0.5	2
12	Continuous and Discontinuous Piecewise Linear Solutions of the Linearly Forced Inviscid Burgers Equation. <i>Journal of Nonlinear Mathematical Physics</i> , 2008, 15, 264.	1.3	1