Gal Berkooz

List of Publications by Year
in descending order

13	367	1040056 9	1199594 12
papers	citations	h-index	g-index

14	14	14	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lagrangian and Eulerian view of the bursting period. Physics of Fluids, 1997, 9, 433-437.	4.0	11
2	Local Models and Large Scale Statistics of the Kuramoto-Sivashinsky Equation. Wavelet Analysis and Its Applications, 1997, , 441-471.	0.2	3
3	Low-dimensional models of coherent structures in turbulence. Physics Reports, 1997, 287, 337-384.	25.6	153
4	Local models of spatio-temporally complex fields. Physica D: Nonlinear Phenomena, 1996, 90, 387-407.	2.8	26
5	<title>Design for control of flow instabilities: first principles and an application</title>. , 1995, 2494, 70.		0
6	Wavelet projections of the Kuramoto-Sivashinsky equation I. Heteroclinic cycles and modulated traveling waves for short systems. Physica D: Nonlinear Phenomena, 1995, 86, 396-427.	2.8	17
7	Utilizing Low-Dimensional Dynamical Systems Models to Guide Control Experiments. Applied Mechanics Reviews, 1994, 47, S132-S138.	10.1	14
8	The Proper Orthogonal Decomposition, wavelets and modal approaches to the dynamics of coherent structures. Flow, Turbulence and Combustion, 1994, 53, 321-338.	0.2	14
9	Galerkin projections and the proper orthogonal decomposition for equivariant equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 174, 94-102.	2.1	47
10	On the relation between low-dimensional models and the dynamics of coherent structures in the turbulent wall layer. Theoretical and Computational Fluid Dynamics, 1993, 4, 255-269.	2.2	26
11	The Proper Orthogonal Decomposition, Wavelets and Modal Approaches to the Dynamics of Coherent Structures. Fluid Mechanics and Its Applications, 1993, , 295-309.	0.2	1
12	Low dimensional models of the wall region in a turbulent boundary layer: New results. Physica D: Nonlinear Phenomena, 1992, 58, 402-406.	2.8	5
13	Intermittent dynamics in simple models of the turbulent wall layer. Journal of Fluid Mechanics, 1991, 230, 75-95.	3.4	50