K B M Q Zaman

List of Publications by Year in Descending Order

40 papers	3,433 citations	29 h-index	40 g-index
40 ext. papers	3,907 ext. citations	3 avg, IF	5.23 L-index

#	Paper	IF	Citations
40	Shock-Induced Boundary-Layer Separation in Round Convergent–Divergent Nozzles. *AIAA Journal*, **2016**, 54, 434-442	2.1	1
39	An experimental investigation of resonant interaction of a rectangular jet with a flat plate. *Journal of Fluid Mechanics*, **2015**, 779, 751-775	3.7	14
38	Effect of Initial Boundary-Layer State on Subsonic Jet Noise. *AIAA Journal*, **2012**, 50, 1784-1795	2.1	48
37	Excess Broadband Noise Observed with Overexpanded Jets. *AIAA Journal*, **2010**, 48, 202-214	2.1	8
36	Inclined Jet in Crossflow Interacting with a Vortex Generator. *Journal of Propulsion and Power*, **2010**, 26, 947-954	1.8	22
35	Noise and Spreading of Subsonic Coannular jets-Comparison with Single Equivalent Jet. *AIAA Journal*, **2007**, 45, 2661-2670	2.1	6
34	Synthetic Jets in Cross-Flow. *AIAA Journal*, **2005**, 43, 929-940	2.1	57
33	Fluid Dynamics of Highly Pitched and Yawed Jets in Crossflow. *AIAA Journal*, **2004**, 42, 874-882	2.1	31
32	Noise, Turbulence, and Thrust of Subsonic Freejets from Lobed Nozzles. *AIAA Journal*, **2003**, 41, 398-407	2.1	35
31	Aerodynamics of a Jet in the Vortex Wake of a Wing. *AIAA Journal*, **2002**, 40, 401-407	2.1	12
30	Numerical Investigation of Transonic Resonance with a Convergent-Divergent Nozzle. *AIAA Journal*, **2002**, 40, 2393-2401	2.1	41
29	Investigation of a "transonic resonance" with convergent–divergent nozzles. *Journal of Fluid Mechanics*, **2002**, 463, 313-343	3.7	72
28	Subsonic Jet Noise from Nonaxisymmetric and Tabbed Nozzles. *AIAA Journal*, **2000**, 38, 592-599	2.1	103
27	Large- and small-scale vortical motions in a shear layer perturbed by tabs. *Journal of Fluid Mechanics*, **1999**, 382, 307-329	3.7	60
26	Spreading characteristics of compressible jets from nozzles of various geometries. *Journal of Fluid Mechanics*, **1999**, 383, 197-228	3.7	213
25	Computation of Three-Dimensional Compressible Flow From a Rectangular Nozzle With Delta Tabs. *Journal of Engineering for Gas Turbines and Power*, **1999**, 121, 235-242	1.7	6
24	Asymptotic spreading rate of initially compressible jets: Experiment and analysis. *Physics of Fluids*, **1998**, 10, 2652-2660	4.4	57

23	Reversal in spreading of a tabbed circular jet under controlled excitation. *Physics of Fluids*, **1997**, 9, 3733-3741	4.4	24
22	The effect of vortex generators on a jet in a cross-flow. *Physics of Fluids*, **1997**, 9, 106-114	4.4	55
21	Axis switching and spreading of an asymmetric jet: the role of coherent structure dynamics. *Journal of Fluid Mechanics*, **1996**, 316, 1-27	3.7	211
20	Flow oscillation over an airfoil near stall. *AIAA Journal*, **1996**, 34, 199-201	2.1	63
19	Impact of tab location relative to the nozzle exit on jet distortion. *AIAA Journal*, **1996**, 34, 197-199	2.1	17
18	Control of an axisymmetric jet using vortex generators. *Physics of Fluids*, **1994**, 6, 778-793	4.4	308
17	Effect of tabs on the flow and noise field of an axisymmetric jet. *AIAA Journal*, **1993**, 31, 609-619	2.1	252
16	Effect of acoustic excitation on stalled flows over an airfoil. *AIAA Journal*, **1992**, 30, 1492-1499	2.1	59
15	Control of laminar separation over airfoils by acoustic excitation. *AIAA Journal*, **1991**, 29, 1075-1083	2.1	56
14	Initial turbulence effect on jet evolution with and without tonal excitation. *Physics of Fluids A, Fluid Dynamics*, **1989**, 1, 1240-1248		53
13	A natural low-frequency oscillation of the flow over an airfoil near stalling conditions. *Journal of Fluid Mechanics*, **1989**, 202, 403-442	3.7	138
12	The Low Frequency Oscillation in the Flow Over a NACA0012 Airfoil with an Ext ed Leading Edge. *Lecture Notes in Engineering*, **1989**, 271-282		14
11	Effect of acoustic excitation on the flow over a low-Re airfoil. *Journal of Fluid Mechanics*, **1987**, 182, 127	3.7	122
10	Effect of initial condition on subsonic jet noise. *AIAA Journal*, **1985**, 23, 1370-1373	2.1	102
9	An experimental study of organized motions in the turbulent plane mixing layer. *Journal of Fluid Mechanics*, **1985**, 159, 85	3.7	74
8	Far-field noise of a subsonic jet under controlled excitation. *Journal of Fluid Mechanics*, **1985**, 152, 83-111	3.7	110
7	Natural large-scale structures in the axisymmetric mixing layer. *Journal of Fluid Mechanics*, **1984**, 138, 325-351	3.7	62
6	Taylor hypothesis and large-scale coherent structures. *Journal of Fluid Mechanics*, **1981**, 112, 379	3.7	156

5	Turbulence suppression in free shear flows by controlled excitation. *Journal of Fluid Mechanics*, **1981**, 103, 133	3.7	202
4	The Preferred-Mode Coherent Structure in the Near Field of an Axisymmetric Jet With and Without Excitation **1981**, 390-401		2
3	Vortex pairing in a circular jet under controlled excitation. Part 1. General jet response. *Journal of Fluid Mechanics*, **1980**, 101, 449-491	3.7	347
2	Vortex pairing in a circular jet under controlled excitation. Part 2. Coherent structure dynamics. *Journal of Fluid Mechanics*, **1980**, 101, 493-544	3.7	157
1	The free shear layer tone phenomenon and probe interference. *Journal of Fluid Mechanics*, **1978**, 87, 349-383	3.7	63