

Kenny c s Kwok

List of Publications by Year in descending order

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217
papers

7,183
citations

50170

46
h-index

85405

71
g-index

219
all docs

219
docs citations

219
times ranked

3008
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-eddy simulation of wind-driven flame in the atmospheric boundary layer. <i>International Journal of Thermal Sciences</i> , 2022, 171, 107032.	2.6	1
2	Experimental study on proximity interference induced vibration of two staggered square prisms in turbulent boundary layer flow. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 220, 104865.	1.7	2
3	Machine learning-enabled estimation of crosswind load effect on tall buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 220, 104860.	1.7	29
4	RANS simulation of near-field dispersion of reactive air pollutants. <i>Building and Environment</i> , 2022, 207, 108553.	3.0	11
5	Air pollutant dispersion around high-rise buildings due to roof emissions. <i>Building and Environment</i> , 2022, 219, 109215.	3.0	5
6	CFD-based analysis of urban haze-fog dispersion—A preliminary study. <i>Building Simulation</i> , 2021, 14, 365-375.	3.0	10
7	Numerical Analysis of the Effect of Fire Source Configuration on Fire-Wind Enhancement. <i>Heat Transfer Engineering</i> , 2021, 42, 41-60.	1.2	7
8	A computational study on the aerodynamics of a twin-box bridge with a focus on the spanwise features. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 209, 104465.	1.7	5
9	Performance of an omnidirectional piezoelectric wind energy harvester. <i>Wind Energy</i> , 2021, 24, 1167-1179.	1.9	23
10	Measurement of unsteady aerodynamic force on a galloping prism in a turbulent flow: A hybrid aeroelastic-pressure balance. <i>Journal of Fluids and Structures</i> , 2021, 102, 103232.	1.5	38
11	Machine learning-based prediction of crosswind vibrations of rectangular cylinders. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 211, 104549.	1.7	44
12	LES analysis on the effects of baroclinic generation of vorticity on fire-wind enhancement. <i>International Journal of Thermal Sciences</i> , 2021, 162, 106775.	2.6	4
13	LES analysis of fire source aspect ratio effects on fire-wind enhancement. <i>International Journal of Heat and Fluid Flow</i> , 2021, 89, 108803.	1.1	1
14	Effect of building cross-section shape on air pollutant dispersion around buildings. <i>Building and Environment</i> , 2021, 197, 107861.	3.0	20
15	A CFD study of wind assessment in urban topology with complex wind flow. <i>Sustainable Cities and Society</i> , 2021, 71, 103006.	5.1	20
16	Effects of building layouts and envelope features on wind flow and pollutant exposure in height-asymmetric street canyons. <i>Building and Environment</i> , 2021, 205, 108177.	3.0	31
17	Predicting wind flow around buildings using deep learning. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 219, 104820.	1.7	19
18	Modelling unsteady self-excited wind force on slender prisms in a turbulent flow. <i>Engineering Structures</i> , 2020, 202, 109855.	2.6	22

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19	Vestibular modulation of skin sympathetic nerve activity in sopite syndrome induced by low-frequency sinusoidal motion. <i>Journal of Neurophysiology</i> , 2020, 124, 1551-1559.	0.9	1
20	Numerical study on the effect of the supersaturated vapor on the performance of a gas cyclone. <i>Powder Technology</i> , 2020, 366, 324-336.	2.1	15
21	Deep learning-based investigation of wind pressures on tall building under interference effects. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 201, 104138.	1.7	82
22	Correlations for fire-wind enhancement flow characteristics based on LES simulations. <i>International Journal of Heat and Fluid Flow</i> , 2020, 82, 108558.	1.1	6
23	LES simulation of terrain slope effects on wind enhancement by a point source fire. <i>Case Studies in Thermal Engineering</i> , 2020, 18, 100588.	2.8	8
24	Non-wind-induced nonlinear damping and stiffness on slender prisms: a forced vibration-pressure balance. <i>Engineering Structures</i> , 2020, 207, 110107.	2.6	8
25	Effect of pollutant source location on air pollutant dispersion around a high-rise building. <i>Applied Mathematical Modelling</i> , 2020, 81, 582-602.	2.2	24
26	Effects of envelope features on wind flow and pollutant exposure in street canyons. <i>Building and Environment</i> , 2020, 176, 106862.	3.0	25
27	Numerical simulation of wind-induced mean and peak pressures around a low-rise structure. <i>Engineering Structures</i> , 2020, 214, 110583.	2.6	19
28	Predicting wind pressures around circular cylinders using machine learning techniques. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 198, 104099.	1.7	81
29	Numerical Simulation of the Effect of Terrain Slope on Fire-Wind Enhancement. <i>Lecture Notes in Civil Engineering</i> , 2020, , 1087-1096.	0.3	1
30	The effects of a double-skin facade on the cladding pressure around a tall building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 191, 239-251.	1.7	31
31	Performance evaluation of twin piezoelectric wind energy harvesters under mutual interference. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	109
32	Numerical analysis of wind velocity effects on fire-wind enhancement. <i>International Journal of Heat and Fluid Flow</i> , 2019, 80, 108471.	1.1	11
33	Investigation of terrain slope effects on wind enhancement by a line source fire. <i>Case Studies in Thermal Engineering</i> , 2019, 14, 100467.	2.8	12
34	Aerodynamic analysis of a stator-augmented linear cascade wind turbine. <i>Wind Energy</i> , 2019, 22, 1148-1163.	1.9	2
35	Particle image velocimetry measurement and CFD simulation of pedestrian level wind environment around U-type street canyon. <i>Building and Environment</i> , 2019, 154, 239-251.	3.0	27
36	Building integration of stator-augmented PowerWindow, a linear cascade wind turbine. <i>Energy Science and Engineering</i> , 2019, 7, 581-598.	1.9	6

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37	Investigation of fire-driven cross-wind velocity enhancement. International Journal of Thermal Sciences, 2019, 141, 84-95.	2.6	24
38	The effects of motion sickness and sopite syndrome on office workers in an 18-month field study of tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 186, 105-122.	1.7	4
39	Wind energy harvesting performance of tandem circular cylinders with triangular protrusions. Journal of Fluids and Structures, 2019, 91, 102780.	1.5	21
40	Application of through-building openings for wind energy harvesting in built environment. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 184, 445-455.	1.7	27
41	Potential application of double skin façade incorporating aerodynamic modifications for wind energy harvesting. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 174, 269-280.	1.7	28
42	Aerodynamic damping of inclined slender prisms. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 177, 79-91.	1.7	33
43	Integrating twisted wind profiles to Air Ventilation Assessment (AVA): The current status. Building and Environment, 2018, 135, 297-307.	3.0	15
44	Performance assessment of a special Double Skin Façade system for wind energy harvesting and a case study. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 292-304.	1.7	19
45	Vortex induced vibration of an inclined finite-length square cylinder. European Journal of Mechanics, B/Fluids, 2018, 68, 144-152.	1.2	15
46	Experimental and theoretical investigation of galloping of transversely inclined slender prisms. Nonlinear Dynamics, 2018, 91, 1023-1040.	2.7	20
47	Probabilistic assessment of vibration exceedance for a full-scale tall building under typhoon conditions. Structural Design of Tall and Special Buildings, 2018, 27, e1516.	0.9	6
48	Random-amplitude sinusoidal linear acceleration causes greater vestibular modulation of skin sympathetic nerve activity than constant-amplitude acceleration. Experimental Brain Research, 2018, 236, 2619-2626.	0.7	1
49	Aerodynamic performance of twin-box decks: A parametric study on gap width effects based on validated 2D URANS simulations. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 182, 202-221.	1.7	20
50	Equivalent wind incidence angle method: A new technique to integrate the effects of twisted wind flows to AVA. Building and Environment, 2018, 139, 46-57.	3.0	13
51	Aerodynamic analysis of a linear cascade wind turbine. Wind Energy, 2018, 21, 1141-1154.	1.9	1
52	Wake-induced vibration interference between a fixed square cylinder and a 2-DOF downstream square cylinder at low Reynolds numbers. Ocean Engineering, 2018, 164, 698-711.	1.9	40
53	Study of wind flow over a 6-m cube using improved delayed detached Eddy simulation. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 463-474.	1.7	16
54	The influence of envelope features on interunit dispersion around a naturally ventilated multi-story building. Building Simulation, 2018, 11, 1245-1253.	3.0	9

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55	The effects of installation configuration and solidity on the power generation of a linear cascade wind turbine. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 180, 122-135.	1.7	3
56	Experimental investigation on the efficiency of circular cylinder-based wind energy harvester with different rod-shaped attachments. <i>Applied Energy</i> , 2018, 226, 682-689.	5.1	138
57	Pedestrian-level wind conditions in the space underneath lift-up buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 179, 58-69.	1.7	33
58	Effects of building lift-up design on the wind environment for pedestrians. <i>Indoor and Built Environment</i> , 2017, 26, 1214-1231.	1.5	26
59	Sopite syndrome in wind-excited buildings: productivity and wellbeing impacts. <i>Building Research and Information</i> , 2017, 45, 347-358.	2.0	11
60	Pedestrian-level wind environment around isolated buildings under the influence of twisted wind flows. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 162, 12-23.	1.7	49
61	Adopting "lift-up"™ building design to improve the surrounding pedestrian-level wind environment. <i>Building and Environment</i> , 2017, 117, 154-165.	3.0	61
62	Effects of lift-up design on pedestrian level wind comfort in different building configurations under three wind directions. <i>Building and Environment</i> , 2017, 117, 84-99.	3.0	101
63	Dynamic simulation of unrestrained interlocking Tuned Liquid Damper blocks. <i>Construction and Building Materials</i> , 2017, 144, 586-597.	3.2	7
64	Effects of twisted wind flows on wind conditions in passages between buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 167, 87-100.	1.7	40
65	Utilizing cavity flow within double skin facade for wind energy harvesting in buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 167, 114-127.	1.7	55
66	Air pollutant dispersion around high-rise buildings under different angles of wind incidence. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 167, 51-61.	1.7	38
67	The Polemics of C.L.R. James and Contemporary Black Activism. , 2017, , .		10
68	New criteria for assessing low wind environment at pedestrian level in Hong Kong. <i>Building and Environment</i> , 2017, 123, 23-36.	3.0	90
69	Particle Image Velocimetry measurement of flow around an inclined square cylinder. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 168, 134-140.	1.7	13
70	The fundamental human response to wind-induced building motion. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 165, 79-85.	1.7	20
71	Unsteady pressure measurements on an oscillating slender prism using a forced vibration technique. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 170, 81-93.	1.7	33
72	Evaluation of pedestrian wind comfort near "lift-up"™ buildings with different aspect ratios and central core modifications. <i>Building and Environment</i> , 2017, 124, 245-257.	3.0	58

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73	Performance of a circular cylinder piezoelectric wind energy harvester fitted with a splitter plate. Applied Physics Letters, 2017, 111, .	1.5	76
74	On-site evaluation of pedestrian-level air quality at a U-type street canyon in an ancient city. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 168, 322-333.	1.7	9
75	Wind-induced responses of a tall building with a double-skin facade system. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 168, 91-100.	1.7	53
76	Unsteady Galloping Force and Response Prediction of a Slender Prism Using a Novel Wind Tunnel Test Technique. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	1
77	Skin Sympathetic Nerve Activity is Modulated during Slow Sinusoidal Linear Displacements in Supine Humans. Frontiers in Neuroscience, 2016, 10, 39.	1.4	4
78	Enhanced performance of wind energy harvester by aerodynamic treatment of a square prism. Applied Physics Letters, 2016, 108, .	1.5	53
79	Aerodynamic modification to a circular cylinder to enhance the piezoelectric wind energy harvesting. Applied Physics Letters, 2016, 109, .	1.5	98
80	Simulation of twisted wind flows in a boundary layer wind tunnel for pedestrian-level wind tunnel tests. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 159, 99-109.	1.7	44
81	Occupant response to wind-excited buildings: a multidisciplinary perspective. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2016, 169, 625-634.	0.4	8
82	Numerical Simulation of Vortex-Induced Vibration of Two Rigidly Connected Cylinders in Side-by-Side and Tandem Arrangements Using RANS Model. Journal of Fluids Engineering, Transactions of the ASME, 2016, 138, .	0.8	23
83	Wake-induced vibration of a small cylinder in the wake of a large cylinder. Ocean Engineering, 2016, 113, 75-89.	1.9	20
84	CFD simulation of the effect of an upstream building on the inter-unit dispersion in a multi-story building in two wind directions. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 150, 31-41.	1.7	38
85	Aerodynamic mechanisms of galloping of an inclined square cylinder. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 148, 6-17.	1.7	36
86	A longitudinal investigation of work environment stressors on the performance and wellbeing of office workers. Applied Ergonomics, 2016, 52, 104-111.	1.7	143
87	Design and modelling of pre-cast steel-concrete composites for resilient railway track slabs. Steel and Composite Structures, 2016, 22, 537-565.	1.3	9
88	Characteristics of air pollutant dispersion around a high-rise building. Environmental Pollution, 2015, 204, 280-288.	3.7	51
89	A new method to assess spatial variations of outdoor thermal comfort: Onsite monitoring results and implications for precinct planning. Building and Environment, 2015, 91, 263-270.	3.0	148
90	Galloping of forward and backward inclined slender square cylinders. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 142, 232-245.	1.7	46

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91	Power generation analysis of PowerWindow, a linear wind generator, using computational fluid dynamic simulations. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 147, 226-238.	1.7	7
92	MSSQ-Short Norms May Underestimate Highly Susceptible Individuals. <i>Human Factors</i> , 2015, 57, 622-633.	2.1	20
93	Performance-based design optimization of tall concrete framed structures subject to wind excitations. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 139, 70-81.	1.7	36
94	Flow-induced vibrations of four circular cylinders with square arrangement at low Reynolds numbers. <i>Ocean Engineering</i> , 2015, 96, 21-33.	1.9	40
95	Finite element modelling of modular precast composites for railway track support structure: A battle to save Sydney Harbour Bridge. <i>Australian Journal of Structural Engineering</i> , 2015, 16, .	0.4	5
96	Large eddy simulation of flow around an inclined finite square cylinder. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 146, 172-184.	1.7	63
97	Computational fluid dynamicsâ€“discrete element method analysis of the onset of scour around subsea pipelines. <i>Applied Mathematical Modelling</i> , 2015, 39, 7611-7619.	2.2	25
98	Pressure measurements on inclined square prisms. <i>Wind and Structures, an International Journal</i> , 2015, 21, 383-405.	0.8	16
99	Vestibular modulation of muscle sympathetic nerve activity during sinusoidal linear acceleration in supine humans. <i>Frontiers in Neuroscience</i> , 2014, 8, 316.	1.4	10
100	Vestibular modulation of muscle sympathetic nerve activity by the utricle during sub-perceptual sinusoidal linear acceleration in humans. <i>Experimental Brain Research</i> , 2014, 232, 1379-1388.	0.7	15
101	A longitudinal field study of the effects of wind-induced building motion on occupant wellbeing and work performance. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014, 133, 39-51.	1.7	25
102	Modulation of muscle sympathetic nerve activity by low-frequency physiological activation of the vestibular utricle in awake humans. <i>Experimental Brain Research</i> , 2013, 230, 137-142.	0.7	19
103	Evaluation of RANS turbulence models for simulating wind-induced mean pressures and dispersions around a complex-shaped high-rise building. <i>Building Simulation</i> , 2013, 6, 151-164.	3.0	31
104	Exploratory analyses and modelling of parameters influencing occupant behaviour due to low-frequency random building motion. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013, 115, 82-92.	1.7	7
105	Occupant comfort in wind-excited tall buildings: Motion sickness, compensatory behaviours and complaint. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013, 119, 1-12.	1.7	36
106	Behaviour of tall buildings and structures in strong winds: Dynamic properties, response characteristics and vibration mitigation. <i>Australian Journal of Structural Engineering</i> , 2013, 14, .	0.4	0
107	Effects of Building Lift-Up Design on Pedestrian Wind Environment. , 2013, , .		1
108	Human Perception and Tolerance of Wind-Induced Building Motion. , 2013, , 325-345.		0

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109	Effects of Building Configuration on Ventilation Performance of Naturally-Ventilated Building. , 2013, , ,		0
110	Wind-Induced Vibrations of Structures: With Special Reference to Tall Building Aerodynamics. , 2013, , 121-155.		1
111	Visually induced motion sickness after watching scenes oscillating at different frequencies and amplitudes. , 2012, , 253-260.		4
112	Bushfire-enhanced wind load on structures. Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics, 2012, 165, 253-263.	0.4	4
113	Wind-induced pressures around a sectional twin-deck bridge model: Effects of gap-width on the aerodynamic forces and vortex shedding mechanisms. Journal of Wind Engineering and Industrial Aerodynamics, 2012, 110, 50-61.	1.7	60
114	Performance and Cost Evaluation of a Smart Tuned Mass Damper for Suppressing Wind-Induced Lateral-Torsional Motion of Tall Structures. Journal of Structural Engineering, 2012, 138, 514-525.	1.7	47
115	Statistical extremes and peak factors in wind-induced vibration of tall buildings. Journal of Zhejiang University: Science A, 2012, 13, 18-32.	1.3	12
116	Low-frequency physiological activation of the vestibular utricle causes biphasic modulation of skin sympathetic nerve activity in humans. Experimental Brain Research, 2012, 220, 101-108.	0.7	19
117	Wind tunnel study of pedestrian level wind environment around tall buildings: Effects of building dimensions, separation and podium. Building and Environment, 2012, 49, 167-181.	3.0	152
118	Full-scale measurement and analysis of K11 building in Hong Kong during typhoon. Shenzhen Daxue Xuebao (Ligong Ban)/Journal of Shenzhen University Science and Engineering, 2012, 29, 45-50.	0.1	3
119	Mode shape linearization and correction in coupled dynamic analysis of wind-excited tall buildings. Structural Design of Tall and Special Buildings, 2011, 20, 327-348.	0.9	12
120	Closed-Form Optimum Liquid Column Vibration Absorber Parameters for Base-Excited Damped Structures. Advances in Structural Engineering, 2011, 14, 489-497.	1.2	2
121	Analysis of concentration fluctuations in gas dispersion around high-rise building for different incident wind directions. Journal of Hazardous Materials, 2011, 192, 1623-1632.	6.5	25
122	A hybrid RANS and kinematic simulation of wind load effects on full-scale tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2011, 99, 1126-1138.	1.7	17
123	Local characteristics of cross-unit contamination around high-rise building due to wind effect: Mean concentration and infection risk assessment. Journal of Hazardous Materials, 2011, 192, 160-7.	6.5	22
124	Terrain Characterisation and Design Wind Profiles for Hong Kong. HKIE Transactions, 2011, 18, 2-9.	1.9	2
125	Field Measurements of Dynamic Properties of High-Rise Buildings. Advances in Structural Engineering, 2011, 14, 1107-1128.	1.2	13
126	A review of two theories of motion sickness and their implications for tall building motion sway. Wind and Structures, an International Journal, 2011, 14, 499-515.	0.8	12

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127	Effect of low frequency motion on the performance of a dynamic manual tracking task. <i>Wind and Structures, an International Journal</i> , 2011, 14, 517-536.	0.8	6
128	Implications of full-scale building motion experience for serviceability design. <i>Wind and Structures, an International Journal</i> , 2011, 14, 537-557.	0.8	11
129	Occupant comfort evaluation and wind-induced serviceability design optimization of tall buildings. <i>Wind and Structures, an International Journal</i> , 2011, 14, 559-582.	0.8	17
130	Numerical Investigation of Bushfire-Wind Interaction and its Impact on Building Structure. <i>Fire Safety Science</i> , 2011, 10, 1449-1462.	0.3	23
131	Sidereal filtering based on single differences for mitigating GPS multipath effects on short baselines. <i>Journal of Geodesy</i> , 2010, 84, 145-158.	1.6	105
132	An integrated design technique of advanced linear-mode-shape method and serviceability drift optimization for tall buildings with lateral-torsional modes. <i>Engineering Structures</i> , 2010, 32, 2146-2156.	2.6	22
133	Integrated wind load analysis and stiffness optimization of tall buildings with 3D modes. <i>Engineering Structures</i> , 2010, 32, 1252-1261.	2.6	41
134	Investigation of indoor air pollutant dispersion and cross-contamination around a typical high-rise residential building: Wind tunnel tests. <i>Building and Environment</i> , 2010, 45, 1769-1778.	3.0	64
135	The effects of topography on local wind-induced pressures of a medium-rise building. <i>Wind and Structures, an International Journal</i> , 2010, 13, 433-449.	0.8	2
136	Economic perspectives of aerodynamic treatments of square tall buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2009, 97, 455-467.	1.7	89
137	Perception of vibration and occupant comfort in wind-excited tall buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2009, 97, 368-380.	1.7	108
138	Mode shape linearization for HFBB analysis of wind-excited complex tall buildings. <i>Engineering Structures</i> , 2009, 31, 675-685.	2.6	41
139	Stiffness Optimization for Wind-Induced Dynamic Serviceability Design of Tall Buildings. <i>Journal of Structural Engineering</i> , 2009, 135, 985-997.	1.7	36
140	Cross Correlations of Modal Responses of Tall Buildings in Wind-Induced Lateral-Torsional Motion. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 802-812.	1.6	23
141	Effects of frequency ratio on bridge aerodynamics determined by free-decay sectional model tests. <i>Wind and Structures, an International Journal</i> , 2009, 12, 413-424.	0.8	3
142	Large-eddy simulation and wind tunnel study of flow over an up-hill slope in a complex terrain. <i>Wind and Structures, an International Journal</i> , 2009, 12, 219-237.	0.8	2
143	Vibration Control of a Wind-Excited Benchmark Tall Building with Complex Lateral-Torsional Modes of Vibration. <i>Advances in Structural Engineering</i> , 2007, 10, 283-304.	1.2	41
144	Field measurements of natural periods of vibration and structural damping of wind-excited tall residential buildings. <i>Wind and Structures, an International Journal</i> , 2007, 10, 401-420.	0.8	37

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145	Wind-induced self-excited vibrations of a twin-deck bridge and the effects of gap-width. Wind and Structures, an International Journal, 2007, 10, 463-479.	0.8	12
146	Aerodynamic Coefficients of Inclined Circular Cylinders with Artificial Rivulet in Smooth Flow. Advances in Structural Engineering, 2006, 9, 265-278.	1.2	22
147	Frequency Dependence of Human Response to Wind-Induced Building Motion. Journal of Structural Engineering, 2006, 132, 296-303.	1.7	35
148	Effects of Frequency Ratio on the Aerodynamic and Dynamic Properties of Bridge Decks. , 2006, , .		0
149	Dynamic characteristics and wind-induced response of two high-rise residential buildings during typhoons. Journal of Wind Engineering and Industrial Aerodynamics, 2005, 93, 461-482.	1.7	32
150	Aspects of the dynamic wind-induced response of structures and codification. Wind and Structures, an International Journal, 2005, 8, 251-268.	0.8	31
151	Vibration Control of the Wind-Excited 76-Story Benchmark Building by Liquid Column Vibration Absorbers. Journal of Engineering Mechanics - ASCE, 2004, 130, 478-485.	1.6	30
152	Interference excitation mechanisms on a 3DOF aeroelastic CAARC building model. Journal of Wind Engineering and Industrial Aerodynamics, 2004, 92, 1299-1314.	1.7	44
153	Active Control of Cross Wind Response of 76-Story Tall Building Using a Fuzzy Controller. Journal of Engineering Mechanics - ASCE, 2004, 130, 492-498.	1.6	45
154	Fuzzy Controller for Seismically Excited Nonlinear Buildings. Journal of Engineering Mechanics - ASCE, 2004, 130, 407-415.	1.6	44
155	Wind Tunnel Tests for Wind-Excited Benchmark Building. Journal of Engineering Mechanics - ASCE, 2004, 130, 447-450.	1.6	52
156	Wind-induced responses of tall buildings experiencing complex motion. Journal of Wind Engineering and Industrial Aerodynamics, 2002, 90, 515-526.	1.7	7
157	Interference effects on wind-induced coupled motion of a tall building. Journal of Wind Engineering and Industrial Aerodynamics, 2002, 90, 1807-1815.	1.7	41
158	VIBRATION CONTROL OF A FIVE STOREY BENCHMARK BUILDING EXCITED BY EARTHQUAKE USING LIQUID COLUMN VIBRATION ABSORBERS. , 2002, , .		1
159	Effects of coupled translational-torsional motion and eccentricity between centre of mass and centre of stiffness on wind-excited tall buildings. Wind and Structures, an International Journal, 2002, 5, 61-80.	0.8	1
160	Active control of along wind response of tall building using a fuzzy controller. Engineering Structures, 2001, 23, 1512-1522.	2.6	71
161	Physical and numerical modelling of thunderstorm downbursts. Journal of Wind Engineering and Industrial Aerodynamics, 2001, 89, 535-552.	1.7	155
162	Wind loads on industrial solar panel arrays and supporting roof structure. Wind and Structures, an International Journal, 2001, 4, 481-494.	0.8	77

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163	Building (High-Rise Building 2). Wind Engineers JAWE, 2001, 2001, 157-184.	0.0	0
164	Characteristics of multiple tuned liquid column dampers in suppressing structural vibration. Engineering Structures, 1999, 21, 316-331.	2.6	85
165	A two-degree-of-freedom base hinged aeroelastic (BHA) model for response predictions. Journal of Wind Engineering and Industrial Aerodynamics, 1999, 83, 171-181.	1.7	14
166	Damping properties and wind-induced response of a steel frame tower fitted with liquid column vibration absorbers. Journal of Wind Engineering and Industrial Aerodynamics, 1999, 83, 183-196.	1.7	22
167	Active control of wind excited structures using fuzzy logic. , 1999, , .		7
168	Wind-induced coupled translational-torsional motion of tall buildings. Wind and Structures, an International Journal, 1998, 1, 43-57.	0.8	1
169	Further investigation of the blockage-tolerant wind tunnel technique. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 69-71, 987-995.	1.7	3
170	Eigenvector modes of fluctuating pressures on low-rise building models. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 69-71, 697-707.	1.7	55
171	Measurements of topographic multipliers and flow separation from a steep escarpment. Part II. Model-scale measurements. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 69-71, 893-902.	1.7	18
172	Wind-induced deflections of freestanding lattice towers. Engineering Structures, 1997, 19, 79-91.	2.6	12
173	Characteristics of liquid column vibration absorbers (LCVA)â€”I. Engineering Structures, 1997, 19, 126-134.	2.6	146
174	Characteristics of liquid column vibration absorbers (LCVA)â€”II. Engineering Structures, 1997, 19, 135-144.	2.6	90
175	Optimization of tuned liquid column dampers. Engineering Structures, 1997, 19, 476-486.	2.6	208
176	Critical mode control of a wind-loaded tall building using an active tuned mass damper. Engineering Structures, 1997, 19, 834-842.	2.6	22
177	Soil-structure interaction and axial force effect in structural vibration. Structural Engineering and Mechanics, 1997, 5, 1-19.	1.0	0
178	Full-scale measurements of wind-induced response of an 84 m high concrete control tower. Journal of Wind Engineering and Industrial Aerodynamics, 1996, 60, 155-165.	1.7	14
179	Full-scale damping measurements of structures in Australia. Journal of Wind Engineering and Industrial Aerodynamics, 1996, 59, 349-364.	1.7	28
180	Dynamic characteristics and wind induced response of a steel frame tower. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 54-55, 133-149.	1.7	24

#	ARTICLE	IF	CITATIONS
181	Wind tunnel investigation of active vibration control of tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 54-55, 397-412.	1.7	13
182	Interference effects on aeroelastic torsional response of structurally asymmetric tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 57, 41-61.	1.7	20
183	Use of viscoelastic dampers in reducing wind- and earthquake-induced motion of building structures. Engineering Structures, 1995, 17, 639-654.	2.6	115
184	Performance of tuned mass dampers under wind loads. Engineering Structures, 1995, 17, 655-667.	2.6	161
185	Semianalytical Method for Parametric Study of Tuned Mass Dampers. Journal of Structural Engineering, 1994, 120, 747-764.	1.7	25
186	Aeroelastic torsional behaviour of tall buildings in wakes. Journal of Wind Engineering and Industrial Aerodynamics, 1994, 51, 229-248.	1.7	26
187	Snowdrifting simulation around Davis Station workshop, Antarctica. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 50, 153-162.	1.7	30
188	Aerodynamic effect of wind induced torsion on tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 50, 271-280.	1.7	9
189	Mode shape corrections for wind tunnel tests of tall buildings. Engineering Structures, 1993, 15, 387-392.	2.6	44
190	Torsional vibration and stability of wind-excited tall buildings with eccentricity. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 50, 299-308.	1.7	8
191	Control of Along-Wind Response of Structures by Mass and Liquid Dampers. Journal of Engineering Mechanics - ASCE, 1992, 118, 20-39.	1.6	162
192	A reliability study of wind tunnel results for cladding pressures. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 44, 2413-2424.	1.7	3
193	Snowdrift around buildings for antarctic environment. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 44, 2797-2808.	1.7	30
194	Torsion response and vibration suppression of wind-excited buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 43, 1997-2008.	1.7	14
195	Torsional response and vibration suppression of wind-excited buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 43, 2010.	1.7	0
196	Control of wind-induced tall building vibration by tuned mass dampers. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 40, 1-32.	1.7	52
197	The effect of tuned mass dampers and liquid dampers on cross-wind response of tall/slender structures. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 40, 33-54.	1.7	52
198	Wind-induced response of soil-structure-damper systems. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 43, 2057-2068.	1.7	25

#	ARTICLE	IF	CITATIONS
199	Wind-induced response of soil-structure-damper systems. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 43, 2070-2071.	1.7	0
200	Full-scale measurements of wind-induced acceleration response of Sydney Tower. Engineering Structures, 1990, 12, 153-162.	2.6	40
201	Wind loads on circular storage bins, silos and tanks III. Fluctuating and peak pressure distributions. Journal of Wind Engineering and Industrial Aerodynamics, 1990, 34, 319-337.	1.7	22
202	Wind loads on circular storage bins, silos and tanks. II. Effect of grouping. Journal of Wind Engineering and Industrial Aerodynamics, 1990, 34, 77-95.	1.7	22
203	Wind loads on circular storage bins, silos and tanks: I. Point pressure measurements on isolated structures. Journal of Wind Engineering and Industrial Aerodynamics, 1988, 31, 165-187.	1.7	67
204	Effect of building shape on wind-induced response of tall building. Journal of Wind Engineering and Industrial Aerodynamics, 1988, 28, 381-390.	1.7	75
205	Effect of edge configuration on wind-induced response of tall buildings. Engineering Structures, 1988, 10, 135-140.	2.6	98
206	Aerodynamic Devices for Tall Buildings and Structures. Journal of Engineering Mechanics - ASCE, 1987, 113, 349-365.	1.6	55
207	Turbulence Effect on Flow Around Circular Cylinder. Journal of Engineering Mechanics - ASCE, 1986, 112, 1181-1197.	1.6	23
208	Dynamics of a freestanding steel lighting tower. Engineering Structures, 1985, 7, 46-50.	2.6	4
209	Interference excitation of twin tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1985, 21, 323-338.	1.7	128
210	Damping Increase in Building with Tuned Mass Damper. Journal of Engineering Mechanics - ASCE, 1984, 110, 1645-1649.	1.6	57
211	Discussion of session 14 "Wind loading of towers and offshore platforms. Journal of Wind Engineering and Industrial Aerodynamics, 1983, 14, 369-372.	1.7	0
212	Full-scale measurements of wind-induced response of Sydney Tower. Journal of Wind Engineering and Industrial Aerodynamics, 1983, 14, 307-318.	1.7	15
213	Effects of Turbulence on the Pressure Distribution Around a Square Cylinder and Possibility of Reduction. Journal of Fluids Engineering, Transactions of the ASME, 1983, 105, 140-145.	0.8	8
214	Cross-wind response of tall buildings. Engineering Structures, 1982, 4, 256-262.	2.6	50
215	Wind-Induced Lock-In Excitation of Tall Structures. Journal of the Structural Division, 1981, 107, 57-72.	0.2	71
216	Wind Tunnel Model Study of Environmental Wind Conditions Around Buildings. Architectural Science Review, 1980, 23, 57-62.	1.1	3

#	ARTICLE	IF	CITATIONS
217	Freestream Turbulence Effects on Galloping. Journal of the Engineering Mechanics Division, 1980, 106, 273-288.	0.4	26