

Kenny c s Kwok

List of Publications by Year in descending order

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217
papers

7,183
citations

50276
46
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85541
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. International Journal of Thermal Sciences, 2022, 171, 107032.	4.9	1
2	Experimental study on proximity interference induced vibration of two staggered square prisms in turbulent boundary layer flow. Journal of Wind Engineering and Industrial Aerodynamics, 2022, 220, 104865.	3.9	2
3	Machine learning-enabled estimation of crosswind load effect on tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2022, 220, 104860.	3.9	29
4	RANS simulation of near-field dispersion of reactive air pollutants. Building and Environment, 2022, 207, 108553.	6.9	11
5	Air pollutant dispersion around high-rise buildings due to roof emissions. Building and Environment, 2022, 219, 109215.	6.9	5
6	CFD-based analysis of urban haze-fog dispersion—A preliminary study. Building Simulation, 2021, 14, 365-375.	5.6	10
7	Numerical Analysis of the Effect of Fire Source Configuration on Fire-Wind Enhancement. Heat Transfer Engineering, 2021, 42, 41-60.	1.9	7
8	A computational study on the aerodynamics of a twin-box bridge with a focus on the spanwise features. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 209, 104465.	3.9	5
9	Performance of an omnidirectional piezoelectric wind energy harvester. Wind Energy, 2021, 24, 1167-1179.	4.2	23
10	Measurement of unsteady aerodynamic force on a galloping prism in a turbulent flow: A hybrid aeroelastic-pressure balance. Journal of Fluids and Structures, 2021, 102, 103232.	3.4	38
11	Machine learning-based prediction of crosswind vibrations of rectangular cylinders. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 211, 104549.	3.9	44
12	LES analysis on the effects of baroclinic generation of vorticity on fire-wind enhancement. International Journal of Thermal Sciences, 2021, 162, 106775.	4.9	4
13	LES analysis of fire source aspect ratio effects on fire-wind enhancement. International Journal of Heat and Fluid Flow, 2021, 89, 108803.	2.4	1
14	Effect of building cross-section shape on air pollutant dispersion around buildings. Building and Environment, 2021, 197, 107861.	6.9	20
15	A CFD study of wind assessment in urban topology with complex wind flow. Sustainable Cities and Society, 2021, 71, 103006.	10.4	20
16	Effects of building layouts and envelope features on wind flow and pollutant exposure in height-asymmetric street canyons. Building and Environment, 2021, 205, 108177.	6.9	31
17	Predicting wind flow around buildings using deep learning. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 219, 104820.	3.9	19
18	Modelling unsteady self-excited wind force on slender prisms in a turbulent flow. Engineering Structures, 2020, 202, 109855.	5.3	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.	1.8	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.	4.2	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.	3.9	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.	2.4	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.	5.7	8
24	Non-wind-induced nonlinear damping and stiffness on slender prisms: a forced vibration-pressure balance. <i>Engineering Structures</i> , 2020, 207, 110107.	5.3	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.	4.2	24
26	Effects of envelope features on wind flow and pollutant exposure in street canyons. <i>Building and Environment</i> , 2020, 176, 106862.	6.9	25
27	Numerical simulation of wind-induced mean and peak pressures around a low-rise structure. <i>Engineering Structures</i> , 2020, 214, 110583.	5.3	19
28	Predicting wind pressures around circular cylinders using machine learning techniques. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 198, 104099.	3.9	81
29	Numerical Simulation of the Effect of Terrain Slope on Fire-Wind Enhancement. <i>Lecture Notes in Civil Engineering</i> , 2020, , 1087-1096.	0.4	1
30	The effects of a double-skin façade on the cladding pressure around a tall building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 191, 239-251.	3.9	31
31	Performance evaluation of twin piezoelectric wind energy harvesters under mutual interference. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	109
32	Numerical analysis of wind velocity effects on fire-wind enhancement. <i>International Journal of Heat and Fluid Flow</i> , 2019, 80, 108471.	2.4	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.	5.7	12
34	Aerodynamic analysis of a stator-augmented linear cascade wind turbine. <i>Wind Energy</i> , 2019, 22, 1148-1163.	4.2	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.	6.9	27
36	Building integration of stator-augmented PowerWindow, a linear cascade wind turbine. <i>Energy Science and Engineering</i> , 2019, 7, 581-598.	4.0	6

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37	Investigation of fire-driven cross-wind velocity enhancement. International Journal of Thermal Sciences, 2019, 141, 84-95.	4.9	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.	3.9	4
39	Wind energy harvesting performance of tandem circular cylinders with triangular protrusions. Journal of Fluids and Structures, 2019, 91, 102780.	3.4	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.	3.9	27
41	Potential application of double skin faade incorporating aerodynamic modifications for wind energy harvesting. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 174, 269-280.	3.9	28
42	Aerodynamic damping of inclined slender prisms. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 177, 79-91.	3.9	33
43	Integrating twisted wind profiles to Air Ventilation Assessment (AVA): The current status. Building and Environment, 2018, 135, 297-307.	6.9	15
44	Performance assessment of a special Double Skin Faade system for wind energy harvesting and a case study. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 292-304.	3.9	19
45	Vortex induced vibration of an inclined finite-length square cylinder. European Journal of Mechanics, B/Fluids, 2018, 68, 144-152.	2.5	15
46	Experimental and theoretical investigation of galloping of transversely inclined slender prisms. Nonlinear Dynamics, 2018, 91, 1023-1040.	5.2	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.	1.9	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.	1.5	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.	3.9	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.	6.9	13
51	Aerodynamic analysis of a linear cascade wind turbine. Wind Energy, 2018, 21, 1141-1154.	4.2	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.	4.3	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.	3.9	16
54	The influence of envelope features on interunit dispersion around a naturally ventilated multi-story building. Building Simulation, 2018, 11, 1245-1253.	5.6	9

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55	The effects of installation configuration and solidity on the power generation of a linear cascade wind turbine. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 180, 122-135.	3.9	3
56	Experimental investigation on the efficiency of circular cylinder-based wind energy harvester with different rod-shaped attachments. Applied Energy, 2018, 226, 682-689.	10.1	138
57	Pedestrian-level wind conditions in the space underneath lift-up buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 58-69.	3.9	33
58	Effects of building lift-up design on the wind environment for pedestrians. Indoor and Built Environment, 2017, 26, 1214-1231.	2.8	26
59	Sopite syndrome in wind-excited buildings: productivity and wellbeing impacts. Building Research and Information, 2017, 45, 347-358.	3.9	11
60	Pedestrian-level wind environment around isolated buildings under the influence of twisted wind flows. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 162, 12-23.	3.9	49
61	Adopting "lift-up" building design to improve the surrounding pedestrian-level wind environment. Building and Environment, 2017, 117, 154-165.	6.9	61
62	Effects of lift-up design on pedestrian level wind comfort in different building configurations under three wind directions. Building and Environment, 2017, 117, 84-99.	6.9	101
63	Dynamic simulation of unrestrained interlocking Tuned Liquid Damper blocks. Construction and Building Materials, 2017, 144, 586-597.	7.2	7
64	Effects of twisted wind flows on wind conditions in passages between buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 167, 87-100.	3.9	40
65	Utilizing cavity flow within double skin facade for wind energy harvesting in buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 167, 114-127.	3.9	55
66	Air pollutant dispersion around high-rise buildings under different angles of wind incidence. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 167, 51-61.	3.9	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. Building and Environment, 2017, 123, 23-36.	6.9	90
69	Particle Image Velocimetry measurement of flow around an inclined square cylinder. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 168, 134-140.	3.9	13
70	The fundamental human response to wind-induced building motion. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 165, 79-85.	3.9	20
71	Unsteady pressure measurements on an oscillating slender prism using a forced vibration technique. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 170, 81-93.	3.9	33
72	Evaluation of pedestrian wind comfort near "lift-up" buildings with different aspect ratios and central core modifications. Building and Environment, 2017, 124, 245-257.	6.9	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, .	3.3	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.	3.9	9
75	Wind-induced responses of a tall building with a double-skin façade system. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 168, 91-100.	3.9	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.	2.8	4
78	Enhanced performance of wind energy harvester by aerodynamic treatment of a square prism. Applied Physics Letters, 2016, 108, .	3.3	53
79	Aerodynamic modification to a circular cylinder to enhance the piezoelectric wind energy harvesting. Applied Physics Letters, 2016, 109, .	3.3	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.	3.9	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.	0.8	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, .	1.5	23
83	Wake-induced vibration of a small cylinder in the wake of a large cylinder. Ocean Engineering, 2016, 113, 75-89.	4.3	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.	3.9	38
85	Aerodynamic mechanisms of galloping of an inclined square cylinder. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 148, 6-17.	3.9	36
86	A longitudinal investigation of work environment stressors on the performance and wellbeing of office workers. Applied Ergonomics, 2016, 52, 104-111.	3.1	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.	7.5	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.	6.9	148
90	Galloping of forward and backward inclined slender square cylinders. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 142, 232-245.	3.9	46

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91	Power generation analysis of PowerWindow, a linear wind generator, using computational fluid dynamic simulations. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 147, 226-238.	3.9	7
92	MSSQ-Short Norms May Underestimate Highly Susceptible Individuals. Human Factors, 2015, 57, 622-633.	3.5	20
93	Performance-based design optimization of tall concrete framed structures subject to wind excitations. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 139, 70-81.	3.9	36
94	Flow-induced vibrations of four circular cylinders with square arrangement at low Reynolds numbers. Ocean Engineering, 2015, 96, 21-33.	4.3	40
95	Finite element modelling of modular precast composites for railway track support structure: A battle to save Sydney Harbour Bridge. Australian Journal of Structural Engineering, 2015, 16, .	1.1	5
96	Large eddy simulation of flow around an inclined finite square cylinder. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 146, 172-184.	3.9	63
97	Computational fluid dynamicsâ€“discrete element method analysis of the onset of scour around subsea pipelines. Applied Mathematical Modelling, 2015, 39, 7611-7619.	4.2	25
98	Pressure measurements on inclined square prisms. Wind and Structures, an International Journal, 2015, 21, 383-405.	0.8	16
99	Vestibular modulation of muscle sympathetic nerve activity during sinusoidal linear acceleration in supine humans. Frontiers in Neuroscience, 2014, 8, 316.	2.8	10
100	Vestibular modulation of muscle sympathetic nerve activity by the utricle during sub-perceptual sinusoidal linear acceleration in humans. Experimental Brain Research, 2014, 232, 1379-1388.	1.5	15
101	A longitudinal field study of the effects of wind-induced building motion on occupant wellbeing and work performance. Journal of Wind Engineering and Industrial Aerodynamics, 2014, 133, 39-51.	3.9	25
102	Modulation of muscle sympathetic nerve activity by low-frequency physiological activation of the vestibular utricle in awake humans. Experimental Brain Research, 2013, 230, 137-142.	1.5	19
103	Evaluation of RANS turbulence models for simulating wind-induced mean pressures and dispersions around a complex-shaped high-rise building. Building Simulation, 2013, 6, 151-164.	5.6	31
104	Exploratory analyses and modelling of parameters influencing occupant behaviour due to low-frequency random building motion. Journal of Wind Engineering and Industrial Aerodynamics, 2013, 115, 82-92.	3.9	7
105	Occupant comfort in wind-excited tall buildings: Motion sickness, compensatory behaviours and complaint. Journal of Wind Engineering and Industrial Aerodynamics, 2013, 119, 1-12.	3.9	36
106	Behaviour of tall buildings and structures in strong winds: Dynamic properties, response characteristics and vibration mitigation. Australian Journal of Structural Engineering, 2013, 14, .	1.1	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.	3.9	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.	3.4	47
115	Statistical extremes and peak factors in wind-induced vibration of tall buildings. Journal of Zhejiang University: Science A, 2012, 13, 18-32.	2.4	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.	1.5	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.	6.9	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.	0.2	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.	1.9	12
120	Closed-Form Optimum Liquid Column Vibration Absorber Parameters for Base-Excited Damped Structures. Advances in Structural Engineering, 2011, 14, 489-497.	2.4	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.	12.4	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.	3.9	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.	12.4	22
124	Terrain Characterisation and Design Wind Profiles for Hong Kong. HKIE Transactions, 2011, 18, 2-9.	0.1	2
125	Field Measurements of Dynamic Properties of High-Rise Buildings. Advances in Structural Engineering, 2011, 14, 1107-1128.	2.4	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. Wind and Structures, an International Journal, 2011, 14, 517-536.	0.8	6
128	Implications of full-scale building motion experience for serviceability design. Wind and Structures, an International Journal, 2011, 14, 537-557.	0.8	11
129	Occupant comfort evaluation and wind-induced serviceability design optimization of tall buildings. Wind and Structures, an International Journal, 2011, 14, 559-582.	0.8	17
130	Numerical Investigation of Bushfire-Wind Interaction and its Impact on Building Structure. Fire Safety Science, 2011, 10, 1449-1462.	0.3	23
131	Sidereal filtering based on single differences for mitigating GPS multipath effects on short baselines. Journal of Geodesy, 2010, 84, 145-158.	3.6	105
132	An integrated design technique of advanced linear-mode-shape method and serviceability drift optimization for tall buildings with lateral-torsional modes. Engineering Structures, 2010, 32, 2146-2156.	5.3	22
133	Integrated wind load analysis and stiffness optimization of tall buildings with 3D modes. Engineering Structures, 2010, 32, 1252-1261.	5.3	41
134	Investigation of indoor air pollutant dispersion and cross-contamination around a typical high-rise residential building: Wind tunnel tests. Building and Environment, 2010, 45, 1769-1778.	6.9	64
135	The effects of topography on local wind-induced pressures of a medium-rise building. Wind and Structures, an International Journal, 2010, 13, 433-449.	0.8	2
136	Economic perspectives of aerodynamic treatments of square tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2009, 97, 455-467.	3.9	89
137	Perception of vibration and occupant comfort in wind-excited tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 2009, 97, 368-380.	3.9	108
138	Mode shape linearization for HFBB analysis of wind-excited complex tall buildings. Engineering Structures, 2009, 31, 675-685.	5.3	41
139	Stiffness Optimization for Wind-Induced Dynamic Serviceability Design of Tall Buildings. Journal of Structural Engineering, 2009, 135, 985-997.	3.4	36
140	Cross Correlations of Modal Responses of Tall Buildings in Wind-Induced Lateral-Torsional Motion. Journal of Engineering Mechanics - ASCE, 2009, 135, 802-812.	2.9	23
141	Effects of frequency ratio on bridge aerodynamics determined by free-decay sectional model tests. Wind and Structures, an International Journal, 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. Wind and Structures, an International Journal, 2009, 12, 219-237.	0.8	2
143	Vibration Control of a Wind-Excited Benchmark Tall Building with Complex Lateral-Torsional Modes of Vibration. Advances in Structural Engineering, 2007, 10, 283-304.	2.4	41
144	Field measurements of natural periods of vibration and structural damping of wind-excited tall residential buildings. Wind and Structures, an International Journal, 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.	2.4	22
147	Frequency Dependence of Human Response to Wind-Induced Building Motion. Journal of Structural Engineering, 2006, 132, 296-303.	3.4	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.	3.9	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.	2.9	30
152	Interference excitation mechanisms on a 3DOF aeroelastic CAARC building model. Journal of Wind Engineering and Industrial Aerodynamics, 2004, 92, 1299-1314.	3.9	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.	2.9	45
154	Fuzzy Controller for Seismically Excited Nonlinear Buildings. Journal of Engineering Mechanics - ASCE, 2004, 130, 407-415.	2.9	44
155	Wind Tunnel Tests for Wind-Excited Benchmark Building. Journal of Engineering Mechanics - ASCE, 2004, 130, 447-450.	2.9	52
156	Wind-induced responses of tall buildings experiencing complex motion. Journal of Wind Engineering and Industrial Aerodynamics, 2002, 90, 515-526.	3.9	7
157	Interference effects on wind-induced coupled motion of a tall building. Journal of Wind Engineering and Industrial Aerodynamics, 2002, 90, 1807-1815.	3.9	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.	5.3	71
161	Physical and numerical modelling of thunderstorm downbursts. Journal of Wind Engineering and Industrial Aerodynamics, 2001, 89, 535-552.	3.9	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.	0.1	0
164	Characteristics of multiple tuned liquid column dampers in suppressing structural vibration. Engineering Structures, 1999, 21, 316-331.	5.3	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.	3.9	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.	3.9	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.	3.9	3
170	Eigenvector modes of fluctuating pressures on low-rise building models. Journal of Wind Engineering and Industrial Aerodynamics, 1997, 69-71, 697-707.	3.9	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.	3.9	18
172	Wind-induced deflections of freestanding lattice towers. Engineering Structures, 1997, 19, 79-91.	5.3	12
173	Characteristics of liquid column vibration absorbers (LCVA)â€”I. Engineering Structures, 1997, 19, 126-134.	5.3	146
174	Characteristics of liquid column vibration absorbers (LCVA)â€”II. Engineering Structures, 1997, 19, 135-144.	5.3	90
175	Optimization of tuned liquid column dampers. Engineering Structures, 1997, 19, 476-486.	5.3	208
176	Critical mode control of a wind-loaded tall building using an active tuned mass damper. Engineering Structures, 1997, 19, 834-842.	5.3	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.	3.9	14
179	Full-scale damping measurements of structures in Australia. Journal of Wind Engineering and Industrial Aerodynamics, 1996, 59, 349-364.	3.9	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.	3.9	24

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181	Wind tunnel investigation of active vibration control of tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 54-55, 397-412.	3.9	13
182	Interference effects on aeroelastic torsional response of structurally asymmetric tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1995, 57, 41-61.	3.9	20
183	Use of viscoelastic dampers in reducing wind- and earthquake-induced motion of building structures. Engineering Structures, 1995, 17, 639-654.	5.3	115
184	Performance of tuned mass dampers under wind loads. Engineering Structures, 1995, 17, 655-667.	5.3	161
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