

Qiu Sheng Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

385
papers

7,366
citations

45
h-index

62
g-index

395
ext. papers

8,592
ext. citations

3.5
avg, IF

6.59
L-index

#	Paper	IF	Citations
385	City-Scale Typhoon Hazard Analysis and Field Monitoring of Wind Effects on Skyscrapers during Super Typhoon Mangkhut. <i>Journal of Structural Engineering</i> , 2022 , 148,	3	1
384	Control performance of active tuned mass damper for mitigating wind-induced vibrations of a 600-m-tall skyscraper. <i>Journal of Building Engineering</i> , 2022 , 45, 103646	5.2	1
383	Large eddy simulation of the atmospheric boundary layer to investigate the Coriolis effect on wind and turbulence characteristics over different terrains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022 , 220, 104845	3.7	2
382	Investigation of time-varying structural dynamic properties of high-rise buildings under typhoon conditions. <i>Journal of Building Engineering</i> , 2022 , 46, 103796	5.2	0
381	Observations of wind and turbulence structures of Super Typhoons Hato and Mangkhut over land from a 356m high meteorological tower. <i>Atmospheric Research</i> , 2022 , 265, 105910	5.4	1
380	Characterization of Wind Gusts: A Study Based on Meteorological Tower Observations. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2105	2.6	0
379	Influence of atmospheric stability on air ventilation and thermal stress in a compact urban site by large eddy simulation. <i>Building and Environment</i> , 2022 , 216, 109049	6.5	
378	Modal identification of high-rise buildings under earthquake excitations via an improved subspace methodology. <i>Journal of Building Engineering</i> , 2022 , 52, 104373	5.2	0
377	Predicting roof-surface wind pressure induced by conical vortex using a BP neural network combined with POD. <i>Building Simulation</i> , 2022 , 15, 1475-1490	3.9	0
376	Nonstationary near-ground wind characteristics and wind-induced pressures on the roof of a low-rise building during a typhoon. <i>Journal of Building Engineering</i> , 2022 , 104492	5.2	0
375	Characterizing coastal wind energy resources based on sodar and microwave radiometer observations. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 163, 112498	16.2	0
374	Observation of vertical eddy diffusivity and mixing length during landfalling Super Typhoons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 219, 104816	3.7	
373	Investigation of chaotic features of surface wind speeds using recurrence analysis. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 210, 104550	3.7	9
372	Revisiting Typhoon York (9915) at landfall. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 211, 104583	3.7	3
371	Dynamic analysis of meteorological time series in Hong Kong: A nonlinear perspective. <i>International Journal of Climatology</i> , 2021 , 41, 4920-4932	3.5	6
370	A fast partition method for wind pressure coefficient of large-span roof based on modified GK clustering. <i>Structures</i> , 2021 , 30, 518-530	3.4	6
369	Refined Mathematical Models for Across-Wind Loads of Rectangular Tall Buildings with Aerodynamic Modifications. <i>International Journal of Structural Stability and Dynamics</i> , 2021 , 21, 2150131 ^{1.9}		1

368	Characterization of vertical wind velocity variability based on fractal dimension analysis. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 213, 104608	3.7	4
367	Effect of sinusoidal vertical gust on the pressure distributions on and flow structures around a rectangular cylinder. <i>Experiments in Fluids</i> , 2021 , 62, 1	2.5	1
366	Reduced Sea-Surface Roughness Length at a Coastal Site. <i>Atmosphere</i> , 2021 , 12, 991	2.7	0
365	Effects of time-variant modal frequencies of high-rise buildings on damping estimation. <i>Earthquake Engineering and Structural Dynamics</i> , 2021 , 50, 394-414	4	6
364	Characterization of daily rainfall variability in Hong Kong: A nonlinear dynamic perspective. <i>International Journal of Climatology</i> , 2021 , 41, E2913	3.5	6
363	Dynamic Characterization of Wind Speed under Extreme Conditions by Recurrence-Based Techniques: Comparative Study. <i>Journal of Aerospace Engineering</i> , 2021 , 34, 04020114	1.4	7
362	Comparative study of full-scale and model-scale wind pressure measurements on a gable roof low-rise building. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 208, 104448	3.7	4
361	Reliability analysis of damping estimation by random decrement technique for high-rise buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2021 , 50, 1251-1270	4	3
360	Reduced gust factor for extreme tropical cyclone winds over ocean. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 208, 104445	3.7	5
359	Aerodynamic pressures on a 5:1 rectangular cylinder in sinusoidal streamwise oscillatory flows with non-zero mean velocities. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 208, 104440	3.7	4
358	Spectral characteristics of surface atmosphere in range of macroscale to microscale at Hong Kong. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021 , 208, 104446	3.7	2
357	The unsteady lift of an oscillating airfoil encountering a sinusoidal streamwise gust. <i>Journal of Fluid Mechanics</i> , 2021 , 908,	3.7	3
356	Wind Tunnel Investigations of Aeroelastic Electricity Transmission Tower under Synoptic and Typhoon Winds. <i>Journal of Aerospace Engineering</i> , 2021 , 34, 04020102	1.4	1
355	Field measurement and validation of structural dynamic parameters of skyscrapers under super typhoon excitation. <i>Journal of Civil Structural Health Monitoring</i> , 2021 , 11, 609-627	2.9	1
354	Impact of a Fifty-Year-Recurrence Super Typhoon on Skyscrapers in Hong Kong: Large-Scale Field Monitoring Study. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021004	3	6
353	Multipoint Synchronous Monitoring of Cladding Pressures on a 600-m-High Skyscraper during Super Typhoon Mangkhut 2018. <i>Journal of Structural Engineering</i> , 2021 , 147,	3	2
352	Characteristics and Vertical Profiles of Mean Wind and Turbulence for Typhoon, Monsoon, and Thunderstorm Winds. <i>Journal of Structural Engineering</i> , 2021 , 147, 04021188	3	3
351	Experimental investigation of wind pressure characteristics and aerodynamic optimization of a large-span cantilevered roof. <i>Structures</i> , 2021 , 34, 303-313	3.4	1

350	Observation and numerical simulation of a weak waterspout at Hong Kong International Airport. <i>Meteorological Applications</i> , 2021 , 28, e1975	2.1	0
349	Field measurements of Tropical Storm Aere (1619) via airborne GPS-dropsondes over the South China Sea. <i>Meteorological Applications</i> , 2020 , 27, e1958	2.1	2
348	Full-Space Response Surface Method for Analysis of Structural Reliability. <i>International Journal of Structural Stability and Dynamics</i> , 2020 , 20, 2050096	1.9	2
347	Aerodynamic performance of CAARC standard tall building model by various corner chamfers. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 202, 104197	3.7	17
346	Seasonal and diurnal variation of marine wind characteristics based on lidar measurements. <i>Meteorological Applications</i> , 2020 , 27, e1918	2.1	6
345	Analysis of a waterspout at Zhuhai, China, on June 12, 2019. <i>Meteorological Applications</i> , 2020 , 27, e1904	2.1	1
344	Spatiotemporal analysis of offshore wind field characteristics and energy potential in Hong Kong. <i>Energy</i> , 2020 , 201, 117622	7.9	18
343	Insights from Super Typhoon Mangkhut (1822) for wind engineering practices. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 203, 104238	3.7	22
342	Dynamic Behavior of Supertall Building with Active Control System during Super Typhoon Mangkhut. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020077	3	9
341	Experimental study on wind load characteristics of high-rise buildings with opening. <i>Structural Design of Tall and Special Buildings</i> , 2020 , 29, e1734	1.8	3
340	Research on the characteristics of wind pressures on L-shaped tall buildings. <i>Advances in Structural Engineering</i> , 2020 , 23, 2070-2085	1.9	3
339	Damping estimation of high-rise buildings considering structural modal directions. <i>Earthquake Engineering and Structural Dynamics</i> , 2020 , 49, 543-566	4	10
338	Comparative study of onshore and offshore wind characteristics and wind energy potentials: A case study for southeast coastal region of China. <i>Sustainable Energy Technologies and Assessments</i> , 2020 , 39, 100711	4.7	28
337	Characterising the fractal dimension of wind speed time series under different terrain conditions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 201, 104165	3.7	15
336	Some observations of low level wind shear at the Hong Kong International Airport in association with tropical cyclones. <i>Meteorological Applications</i> , 2020 , 27, e1898	2.1	4
335	Characteristics of Wind Structure and Nowcasting of Gust Associated with Subtropical Squall Lines over Hong Kong and Shenzhen, China. <i>Atmosphere</i> , 2020 , 11, 270	2.7	6
334	A comprehensive study of terrain-disrupted airflow at Hong Kong International Airport □ observations and numerical simulations. <i>Weather</i> , 2020 , 75, 199-206	0.9	4
333	Field monitoring and wind tunnel study of wind effects on roof overhang of a low-rise building. <i>Structural Control and Health Monitoring</i> , 2020 , 27, e2484	4.5	5

332	Prediction Models for Modal Parameters of Supertall Buildings Based on Field Measurements. <i>Journal of Structural Engineering</i> , 2020 , 146, 06019004	3	5
331	Wind-resistant optimal design of tall buildings based on improved genetic algorithm. <i>Structures</i> , 2020 , 27, 2182-2191	3.4	5
330	Large-eddy simulation of the inflow turbulence transport and aerodynamics of a rectangular 5:1 cylinder with high-order numerical methods. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 207, 104366	3.7	3
329	Modal Identification from Non-Stationary Responses of High-Rise Buildings by Variational Mode Decomposition and Direct Interpolation Techniques. <i>International Journal of Structural Stability and Dynamics</i> , 2020 , 20, 2050115	1.9	4
328	Full-Scale Measurements of Wind Pressures on a Low-Rise Building during Typhoons and Comparison with Wind Tunnel Test Results and Aerodynamic Database. <i>Journal of Structural Engineering</i> , 2020 , 146, 04020196	3	6
327	Investigation of Marine Wind Veer Characteristics Using Wind Lidar Measurements. <i>Atmosphere</i> , 2020 , 11, 1178	2.7	5
326	Study of Wind Loads and Wind Speed Amplifications on High-Rise Building with Opening by Numerical Simulation and Wind Tunnel Test. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-24	1.3	0
325	Field measurements and numerical simulations of wind-driven rain on a low-rise building during typhoons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 204, 104274	3.7	6
324	Standardization of marine surface wind speeds at coastal islands. <i>Ocean Engineering</i> , 2020 , 213, 107652	3.9	4
323	Observation of Typhoon Hato based on the 356-m high meteorological gradient tower at Shenzhen. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 207, 104408	3.7	6
322	Observational study of wind characteristics, wind speed and turbulence profiles during Super Typhoon Mangkhut. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020 , 206, 104362	3.7	17
321	Monitoring of wind effects on a super-tall building during multiple typhoons and validation of wind tunnel testing techniques. <i>Structure and Infrastructure Engineering</i> , 2020 , 1-17	2.9	0
320	Accurate determination of reference wind speed and reference static pressure in wind tunnel tests. <i>Advances in Structural Engineering</i> , 2020 , 23, 578-583	1.9	4
319	Evaluations of Coupled Transverse-Rotational Galloping of Slender Structures with Nonlinear Effect. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950143	1.9	3
318	Eliminating Beating Effects in Damping Estimation of High-Rise Buildings. <i>Journal of Engineering Mechanics - ASCE</i> , 2019 , 145, 04019102	2.4	11
317	Wind-induced interference effects between twin tapered skyscrapers. <i>Structural Design of Tall and Special Buildings</i> , 2019 , 28, e1594	1.8	2
316	Aerodynamic characteristics of a long-span cable-stayed bridge under construction. <i>Engineering Structures</i> , 2019 , 184, 232-246	4.7	18
315	Wind tunnel study of separated and reattaching flows by particle image velocimetry and pressure measurements. <i>Advances in Structural Engineering</i> , 2019 , 22, 1769-1782	1.9	5

314	Monitoring of wind pressures on gable roof of a low-rise building during tropical cyclones and comparisons with wind tunnel test results. <i>Structural Control and Health Monitoring</i> , 2019 , 26, e2380	4.5	2
313	Nonlinear Dynamics of a Fluid-Structure Coupling Model for Vortex-Induced Vibration. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950071	1.9	8
312	Case studies of springtime fog in Hong Kong. <i>Weather</i> , 2019 , 74, 60-67	0.9	1
311	Observation and Real-Time Simulation of a Tornado Event in Hong Kong on 29 August 2018. <i>Advances in Meteorology</i> , 2019 , 2019, 1-13	1.7	6
310	Toward modeling the spatial pressure field of tropical cyclones: Insights from Typhoon Hato (1713). <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019 , 184, 378-390	3.7	12
309	A height-resolving model of tropical cyclone pressure field. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019 , 186, 84-93	3.7	7
308	Experimental investigation of the protective effect of wind barriers on high-speed railway bridge in inland strong wind area. <i>Advances in Structural Engineering</i> , 2019 , 22, 3306-3318	1.9	1
307	Quality and applications of wind data from sound detection and ranging (SODAR) equipment and microwave wind profilers. <i>Weather</i> , 2019 , 74, S76	0.9	1
306	Identification of modal parameters of a 600-m-high skyscraper from field vibration tests. <i>Earthquake Engineering and Structural Dynamics</i> , 2019 , 48, 1678-1698	4	9
305	Large eddy simulation of wind-driven rain effects on a large span retractable roof stadium. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019 , 195, 104009	3.7	3
304	A comparison of micrometeorological methods for marine roughness estimation at a coastal area. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019 , 195, 104010	3.7	7
303	Numerical Simulation of Wind-Driven Rain on a Long-Span Bridge. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950149	1.9	3
302	Monitoring wind effects of a landfall typhoon on a 600 m high skyscraper. <i>Structure and Infrastructure Engineering</i> , 2019 , 15, 54-71	2.9	11
301	Investigation of wind effect reduction on square high-rise buildings by corner modification. <i>Advances in Structural Engineering</i> , 2019 , 22, 1488-1500	1.9	11
300	Observations of typhoon effects on a high-rise building and verification of wind tunnel predictions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019 , 184, 174-184	3.7	8
299	3D aerodynamic admittances of streamlined box bridge decks. <i>Engineering Structures</i> , 2019 , 179, 321-331	4.7	24
298	Nonlinear dynamics of a foldable multibeam structure with one to two internal resonances. <i>International Journal of Mechanical Sciences</i> , 2019 , 150, 369-378	5.5	11
297	Mitigation of Wind-Induced Vibration of a 600m High Skyscraper. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1950015	1.9	5

296	Monitoring of Near-Surface Winds and Wind Pressures on an Instrumented Low-Rise Building during Super Typhoon Rammasan. <i>Journal of Structural Engineering</i> , 2019 , 145, 04018255	3	9
295	Experimental Study of Across-Wind Aerodynamic Behavior of a Bridge Tower. <i>Journal of Bridge Engineering</i> , 2019 , 24, 04018116	2.7	8
294	Investigation of low-level jet characteristics based on wind profiler observations. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 174, 369-381	3.7	14
293	Assessment of onshore wind energy potential under different geographical climate conditions in China. <i>Energy</i> , 2018 , 152, 498-511	7.9	53
292	Field measurements of wind effects on a low-rise building with roof overhang during typhoons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 176, 143-157	3.7	20
291	Field measurements of wind pressures on a 600 m high skyscraper during a landfall typhoon and comparison with wind tunnel test. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 175, 391-407	3.7	25
290	Identification of wind loads on super-tall buildings by Kalman filter. <i>Computers and Structures</i> , 2018 , 208, 105-117	4.5	8
289	Monitoring Structural Performance of a Supertall Building during 14 Tropical Cyclones. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018176	3	21
288	Observational study of veering wind by Doppler wind profiler and surface weather station. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 178, 18-25	3.7	17
287	Vortex-Induced Vibration Performance and Suppression Mechanism for a Long Suspension Bridge with Wide Twin-Box Girder. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018202	3	20
286	Decision framework for optimal installation of outriggers in tall buildings. <i>Automation in Construction</i> , 2018 , 93, 200-213	9.6	11
285	Evaluation of wind effects on a large span retractable roof stadium by wind tunnel experiment and numerical simulation. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 179, 39-57	3.7	16
284	Structural health monitoring for a 600m high skyscraper. <i>Structural Design of Tall and Special Buildings</i> , 2018 , 27, e1490	1.8	25
283	Aerodynamic treatments for reduction of wind loads on high-rise buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 172, 107-115	3.7	35
282	Observational study on thermodynamic and kinematic structures of Typhoon Vicente (2012) at landfall. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018 , 172, 280-297	3.7	12
281	Monitoring of structural modal parameters and dynamic responses of a 600m-high skyscraper during a typhoon. <i>Structural Design of Tall and Special Buildings</i> , 2018 , 27, e1456	1.8	8
280	Monitoring of wind effects on 600 m high Ping-An Finance Center during Typhoon Haima. <i>Engineering Structures</i> , 2018 , 167, 308-326	4.7	22
279	Modelling of turbulent dispersion for numerical simulation of wind-driven rain on bridges. <i>Environmental Fluid Mechanics</i> , 2018 , 18, 1463-1489	2.2	2

278	Observation of wind fields over different terrains and wind effects on a super-tall building during a severe typhoon and verification of wind tunnel predictions. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 162, 73-84	3.7	43
277	Specifications and applications of the technical code for monitoring of building and bridge structures in China. <i>Advances in Mechanical Engineering</i> , 2017 , 9, 168781401668427	1.2	16
276	Detached-eddy and large-eddy simulations of wind effects on a high-rise structure. <i>Computers and Fluids</i> , 2017 , 150, 74-83	2.8	18
275	Nonlinear aeroelastic flutter and dynamic response of composite laminated cylindrical shell in supersonic air flow. <i>Composite Structures</i> , 2017 , 168, 474-484	5.3	20
274	Wind tunnel test and field measurement study of wind effects on a 600-m-high super-tall building. <i>Structural Design of Tall and Special Buildings</i> , 2017 , 26, e1385	1.8	17
273	An experimental investigation of surface pressures in separated and reattaching flows: effects of freestream turbulence and leading edge geometry. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 165, 58-66	3.7	14
272	Monitoring of wind effects on an instrumented low-rise building during the landfall of a severe tropical storm. <i>Structural Control and Health Monitoring</i> , 2017 , 24, e1917	4.5	6
271	Dynamic Wind Load Combination for a Tall Building Based on Copula Functions. <i>International Journal of Structural Stability and Dynamics</i> , 2017 , 17, 1750092	1.9	4
270	Estimation of roughness length at Hong Kong International Airport via different micrometeorological methods. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 171, 121-136	3.7	8
269	Vertical wind profiles for typhoon, monsoon and thunderstorm winds. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 168, 190-199	3.7	23
268	Wind tunnel study of wind-induced torques on L-shaped tall buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017 , 167, 41-50	3.7	24
267	Monitoring and time-dependent analysis of vertical deformations of the tallest building in China. <i>Structural Control and Health Monitoring</i> , 2017 , 24, e1936	4.5	17
266	Identification of Wind Loads on Supertall Buildings Using Kalman Filtering Based Inverse Method. <i>Journal of Structural Engineering</i> , 2017 , 143, 06016004	3	2
265	Estimation of wind loads on a tall building by an inverse method. <i>Structural Control and Health Monitoring</i> , 2017 , 24, e1908	4.5	7
264	Analysis of Flutter and Nonlinear Dynamics of a Composite Laminated Plate. <i>International Journal of Structural Stability and Dynamics</i> , 2016 , 16, 1550019	1.9	7
263	Large-eddy simulation of wind effects on a super-tall building in urban environment conditions. <i>Structure and Infrastructure Engineering</i> , 2016 , 12, 765-785	2.9	16
262	RANS simulation of neutral atmospheric boundary layer flows over complex terrain by proper imposition of boundary conditions and modification on the k- ϵ model. <i>Environmental Fluid Mechanics</i> , 2016 , 16, 1-23	2.2	40
261	Monitoring of dynamic behaviour of super-tall buildings during typhoons. <i>Structure and Infrastructure Engineering</i> , 2016 , 12, 289-311	2.9	19

260	Wind tunnel study of interference effects between twin super-tall buildings with aerodynamic modifications. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2016 , 156, 129-145	3.7	30
259	Monitoring Wind Characteristics and Structural Performance of a Supertall Building during a Landfall Typhoon. <i>Journal of Structural Engineering</i> , 2016 , 142, 04016097	3	30
258	Identification of Wind Loads and Estimation of Structural Responses of Super-Tall Buildings by an Inverse Method. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016 , 31, 966-982	8.4	21
257	Observations of vertical wind profiles of tropical cyclones at coastal areas. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2016 , 152, 1-14	3.7	34
256	Performance assessment of tall building-integrated wind turbines for power generation. <i>Applied Energy</i> , 2016 , 165, 777-788	10.7	64
255	Observations of offshore wind characteristics by Doppler-LiDAR for wind energy applications. <i>Applied Energy</i> , 2016 , 169, 150-163	10.7	56
254	Standardization of Offshore Surface Wind Speeds. <i>Journal of Applied Meteorology and Climatology</i> , 2016 , 55, 1107-1121	2.7	6
253	Evaluation of wind loads and wind induced responses of a super-tall building by large eddy simulation. <i>Wind and Structures, an International Journal</i> , 2016 , 23, 313-350		1
252	Across-wind dynamic loads on L-shaped tall buildings. <i>Wind and Structures, an International Journal</i> , 2016 , 23, 385-403		16
251	Wind-induced response based optimal design of irregular shaped tall buildings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2016 , 155, 197-207	3.7	11
250	Coupled on-site measurement/CFD based approach for high-resolution wind resource assessment over complex terrains. <i>Energy Conversion and Management</i> , 2016 , 117, 351-366	10.6	38
249	Wind tunnel study of odor impact and air ventilation assessments for relocating sewage treatment works to caverns. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015 , 145, 152-165	3.7	
248	Investigation of offshore wind energy potential in Hong Kong based on Weibull distribution function. <i>Applied Energy</i> , 2015 , 156, 362-373	10.7	92
247	Statistical analysis of wind characteristics and wind energy potential in Hong Kong. <i>Energy Conversion and Management</i> , 2015 , 101, 644-657	10.6	108
246	Development of structural functional integrated concrete with macro-encapsulated PCM for thermal energy storage. <i>Applied Energy</i> , 2015 , 150, 245-257	10.7	81
245	Inflow turbulence generation methods with large eddy simulation for wind effects on tall buildings. <i>Computers and Fluids</i> , 2015 , 116, 158-175	2.8	44
244	Gust factors for tropical cyclone, monsoon and thunderstorm winds. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015 , 142, 1-14	3.7	31
243	Wind tunnel and full-scale study of wind effects on a super-tall building. <i>Journal of Fluids and Structures</i> , 2015 , 58, 236-253	3.1	39

242	Multiobjective Equivalent Static Wind Loads on Complex Tall Buildings Using Non-Gaussian Peak Factors. <i>Journal of Structural Engineering</i> , 2015 , 141, 04015033	3	8
241	Time-frequency analysis of structural dynamic characteristics of tall buildings. <i>Structure and Infrastructure Engineering</i> , 2015 , 11, 971-989	2.9	10
240	Monitoring of wind effects on an instrumented low-rise building during severe tropical storm. <i>Wind and Structures, an International Journal</i> , 2015 , 20, 469-488		5
239	Wind pressure characteristics of a low-rise building with various openings on a roof corner. <i>Wind and Structures, an International Journal</i> , 2015 , 21, 1-23		8
238	Monitoring of typhoon effects on a super-tall building in Hong Kong. <i>Structural Control and Health Monitoring</i> , 2014 , 21, 926-949	4.5	45
237	Monitoring of wind effects on a low-rise building during typhoon landfalls and comparison to wind tunnel test results. <i>Structural Control and Health Monitoring</i> , 2014 , 21, 1360-1386	4.5	9
236	Standardization of raw wind speed data under complex terrain conditions: A data-driven scheme. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014 , 131, 12-30	3.7	24
235	Electrowetting on liquid-infused film (EWOLF): complete reversibility and controlled droplet oscillation suppression for fast optical imaging. <i>Scientific Reports</i> , 2014 , 4, 6846	4.9	77
234	Hermite Extreme Value Estimation of Non-Gaussian Wind Load Process on a Long-Span Roof Structure. <i>Journal of Structural Engineering</i> , 2014 , 140, 04014061	3	5
233	Experimental investigation of characteristics of torsional wind loads on rectangular tall buildings. <i>Structural Engineering and Mechanics</i> , 2014 , 49, 129-145		13
232	Investigation of the effects of free-stream turbulence on wind-induced responses of tall building by Large Eddy Simulation. <i>Wind and Structures, an International Journal</i> , 2014 , 18, 599-618		8
231	Field measurements of wind characteristics over hilly terrain within surface layer. <i>Wind and Structures, an International Journal</i> , 2014 , 19, 541-563		7
230	Dynamic responses of a 492-m-high tall building with active tuned mass damping system during a typhoon. <i>Structural Control and Health Monitoring</i> , 2013 , 21, n/a-n/a	4.5	11
229	Dynamic characteristics and wind-induced responses of a super-tall building during typhoons. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013 , 121, 116-130	3.7	42
228	Wind characteristics over different terrains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013 , 120, 51-69	3.7	45
227	Implementing wind turbines in a tall building for power generation: A study of wind loads and wind speed amplifications. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2013 , 116, 70-82	3.7	39
226	Failure Patterns and Ultimate Load-Carrying Capacity Evolution of a Prestressed Concrete Cable-Stayed Bridge: Case Study. <i>Advances in Structural Engineering</i> , 2013 , 16, 1283-1296	1.9	3
225	Characteristics of Wind Loads Acting on Complex Long-Span Roof Structure. <i>Advanced Materials Research</i> , 2013 , 639-640, 523-529	0.5	

224	Wind Load Characteristics of Tall Building with Atrium. <i>Advanced Materials Research</i> , 2013 , 639-640, 515-522		
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