

	EPMC
1	Ng, Q. C., & Tan, S. K. (2008). Using Open Source Software to Simulate Estuarine hydrodynamics. <i>Journal of Water Resource and Environmental Engineering</i> , 23, 160.
2	Wang, X., & Tan, S. K. (2008). Comparison of flow patterns in the near wake of a circular cylinder and a square cylinder placed near a plane wall. <i>Ocean Engineering</i> , 35(5), 458-472.
3	Wang, X., & Tan, S. K. (2008). Near-wake flow characteristics of a circular cylinder close to a wall. <i>Journal of Fluids and Structures</i> , 24(5), 605-627.
4	Wang, Z. Q., & Cheng, N. S. (2008). Influence of secondary flow on distribution of suspended sediment concentration. <i>Journal of Hydraulic Research</i> , 46(4), 548-552.
5	Wang, Z. Q., Tan, S. K., Cheng, N. S., & Goh, K. W. (2008). A simple relationship for crenulate-shaped bay in static equilibrium. <i>Coastal Engineering</i> , 55(1), 73-78.
6	Liu, C., Huang, Z., & Tan, S. K. (2009). Nonlinear scattering of non-breaking waves by a submerged horizontal plate: Experiments and simulations. <i>Ocean Engineering</i> , 36(17-18), 1332-1345.
7	Zhang, D., Gersberg, R. M., & Keat, T. S. (2009). Constructed wetlands in China. <i>Ecological Engineering</i> , 35(10), 1367-1378.
8	Zhang, D., Gersberg, R. M., Wilhelm, C., & Voigt, M. (2009). Decentralized water management: rainwater harvesting and greywater reuse in an urban area of Beijing, China. <i>Urban Water Journal</i> , 6(5), 375-385.
9	Zhang, X., Zhang, T., Ng, J., Pan, J. H., & Sun, D. D. (2009). Transformation of Bromine Species in TiO ₂ Photocatalytic System. <i>Environmental science & technology</i> , 44(1), 439-444.
10	Bai, H., Liu, Z., & Sun, D. D. (2010). Hierarchically multifunctional TiO ₂ nano-thorn membrane for water purification. <i>Chemical Communications</i> , 46(35), 6542-6544.
11	Bai, H. W., Shao, J. H., Zhang, X. W., & D.D.Sun. (2010). Effect of TiO ₂ Photocatalytic Oxidation for Control of Membrane Fouling by Humic Acid in Water. <i>Chinese Journal of Environmental Engineering</i> , 4(1), 28.
12	Chien, N. Q., & Tan, S. K. (2010). Google Earth as a tool in 2-D hydrodynamic modeling. <i>Computers & Geosciences</i> , 37(1), 38-46.
13	Law, A. W. K., Au, S. K., & Song, J. (2010). Modulation of stochastic diffusion by wave motion. <i>Probabilistic Engineering Mechanics</i> , 26(2), 142-147.
14	Law, A. W. K., Au, S. K., & Song, J. (2010). Stochastic diffusion by progressive waves in turbulence. <i>Journal of Hydrodynamics, Ser. B</i> , 22(5), 605-610.
15	Li, J., Huang, Z., & Tan, S. K. (2010). Extreme Air-gap Response Below Deck of Floating Structures. <i>The International Journal of Ocean and Climate Systems</i> , 1(1), 15-26.
16	Li, J., Liu, H. X., & Tan, S. K. (2010). Lagrangian modeling of tidal bores passing through bridge piers. <i>Journal of Hydrodynamics</i> , 22(5 SUPPL. 1), 496-502.

17	Listiarini, K., Tor, J. T., Sun, D. D., & Leckie, J. O. (2010). Hybrid coagulation-nanofiltration membrane for removal of bromate and humic acid in water. <i>Journal of Membrane Science</i> , 365(1-2), 154-159.
18	Liu, J., Bai, H., Wang, Y., Liu, Z., Zhang, X., & Sun, D. D. (2010). Self-Assembling TiO ₂ Nanorods on Large Graphene Oxide Sheets at a Two-Phase Interface and Their Anti-Recombination in Photocatalytic Applications. <i>Advanced Functional Materials</i> , 20(23), 4175-4181.
19	Liu, J., Wang, Y., Xu, S., & Sun, D. D. (2010). Synthesis of graphene soluble in organic solvents by simultaneous ether-functionalization with octadecane groups and reduction. <i>Materials Letters</i> , 64(20), 2236-2239.
20	Liu, Y. J., & Sun, D. D. (2010). Comparison of membrane fouling in dead-end microfiltration of denitrifying granular sludge suspension and its supernatant. <i>Journal of Membrane Science</i> , 352(1-2), 100-106.
21	Ma, H., Yang, D., Tan, S. K., Gao, B., & Hu, Q. (2010). Impact of climate variability and human activity on streamflow decrease in the Miyun Reservoir catchment. <i>Journal of Hydrology</i> , 389(3-4), 317-324.
22	Ng, J., Xu, S., Zhang, X., Yang, H. Y., & Sun, D. D. (2010). Hybridized Nanowires and Cubes: A Novel Architecture of a Heterojunctioned TiO ₂ /SrTiO ₃ Thin Film for Efficient Water Splitting. <i>Advanced Functional Materials</i> , 20(24), 4287-4294.
23	Ng, J., Zhang, X., Zhang, T., Pan, J.-H., Du, J.-H. A., & Sun, D. D. (2010). Construction of self-organized free-standing TiO ₂ nanotube arrays for effective disinfection of drinking water. <i>Journal of Chemical Technology & Biotechnology</i> , 85(8), 1061-1066.
24	Pan, J. H., Sun, D. D., Lee, C., Kim, Y. J., & Lee, W. I. (2010). Effect of Calcination Temperature on the Textural Properties and Photocatalytic Activities of Highly Ordered Cubic Mesoporous WO ₃ /TiO ₂ Films. <i>Journal of Nanoscience and Nanotechnology</i> , 10(7), 4747-4751.
25	Talei, A., Chua, L. H. C., & Quek, C. (2010). A novel application of a neuro-fuzzy computational technique in event-based rainfall-runoff modeling. <i>Expert Systems with Applications</i> , 37(12), 7456-7468.
26	Talei, A., Chua, L. H. C., & Wong, T. S. W. (2010). Evaluation of rainfall and discharge inputs used by Adaptive Network-based Fuzzy Inference Systems (ANFIS) in rainfall-runoff modeling. <i>Journal of Hydrology</i> , 391(3-4), 248-262.
27	Vu, T. T., & Tan, S. K. (2010). Laboratory investigation of hydraulic performance of silt screens. <i>Journal of Hydrodynamics</i> , 22(5 SUPPL. 1), 307-312.
28	Wang, X., & Lim, T. T. (2010). Solvothermal synthesis of CN codoped TiO ₂ and photocatalytic evaluation for bisphenol A degradation using a visible-light irradiated LED photoreactor. <i>Applied Catalysis B: Environmental</i> , 100(1-2), 355-364.
29	Wang, X. K., Hao, Z. Y., & Tan, S. K. (2010). Hydrodynamics of trapezoidal embankment weirs. <i>Journal of Hydrodynamics</i> , 22(5 SUPPL. 1), 375-379.

30	Wang, X. K., & Tan, S. K. (2010). Environmental fluid dynamics-jet flow. <i>Journal of Hydrodynamics</i> , 22(5 SUPPL. 1), 962-967.
31	Xu, S., Ng, J., Zhang, X., Bai, H., & Sun, D. D. (2010). Fabrication and comparison of highly efficient Cu incorporated TiO ₂ photocatalyst for hydrogen generation from water. <i>International journal of hydrogen energy</i> , 35(11), 5254-5261.
32	Xu, Y., & Qin, X. (2010). Agricultural effluent control under uncertainty: An inexact double-sided fuzzy chance-constrained model. <i>Advances in Water Resources</i> , 33(9), 997-1014.
33	Zhang, D., Keat, T. S., & Gersberg, R. M. (2010). A comparison of municipal solid waste management in Berlin and Singapore. <i>Waste Management</i> , 30(5), 921-933.
34	Zhang, D. Q., Tan, S. K., & Gersberg, R. M. (2010). Municipal solid waste management in China: Status, problems and challenges. <i>Journal of Environmental Management</i> , 91(8), 1623-1633.
35	Zhou, T., Li, Y., & Lim, T. T. (2010). Catalytic hydrodechlorination of chlorophenols by Pd/Fe nanoparticles: Comparisons with other bimetallic systems, kinetics and mechanism. <i>Separation and Purification Technology</i> , 76(2), 206-214.
36	Cheng, N. S. (2011). Representative roughness height of submerged vegetation. <i>Water Resources Research</i> , 47(8), W08517.
37	Cheng, N. S., Nguyen, H. T., Zhao, K., & Tang, X. (2011). Evaluation of Flow Resistance in Smooth Rectangular Open Channels with Modified Prandtl Friction Law. <i>Journal of Hydraulic Engineering</i> , 137(4), 441-450.
38	Cheng, N. S., Zhou, Q., Tan, S. K., & Zhao, K. (2011). Application of incomplete similarity theory for estimating maximum shear layer thickness of granular flows in rotating drums. <i>Chemical Engineering Science</i> , 66(12), 2872-2878.
39	Chien, N. Q., & Keat Tan, S. (2011). Google Earth as a tool in 2-D hydrodynamic modeling. <i>Computers and Geosciences</i> , 37(1), 38-46.
40	Huang, G., & Law, A. W. K. (2011). Taylor dispersion of contaminants by random waves. <i>Journal of Engineering Mathematics</i> , 70(4), 389-397.
41	Huang, G., & Law, A. W. K. (2011). Wave-induced drift of small floating objects. <i>Ocean Engineering</i> , 38(4), 712-718.
42	Ni, W., Tan, S. K., & Ng, W. J. (2011). Recursive GPR for nonlinear dynamic process modeling. <i>Chemical Engineering Journal</i> , 173(2), 636-643.
43	Qin, X., & Xu, Y. (2011). Analyzing urban water supply through an acceptability-index-based interval approach. <i>Advances in Water Resources</i> , 34(7), 873-886.
44	Qin, X., Xu, Y., & Su, J. (2011). Municipal Solid Waste–Flow Allocation Planning with Trapezoidal-Shaped Fuzzy Parameters. <i>Environmental Engineering Science</i> , 28(8), 573-584.

45	Wang, P., Zhou, T., Wang, R., & Lim, T. T. (2011). Carbon-sensitized and nitrogen-doped TiO ₂ for photocatalytic degradation of sulfanilamide under visible-light irradiation. <i>Water Research</i> , 45(16), 5015-5026.
46	Wang, X., & Lim, T. T. (2011). Effect of hexamethylenetetramine on the visible-light photocatalytic activity of CN codoped TiO ₂ for bisphenol A degradation; evaluation of photocatalytic mechanism and solution toxicity. <i>Applied Catalysis A: General</i> , 399(1-2), 233-241.
47	Wang, X., Tang, Y., Leiw, M. Y., & Lim, T. T. (2011). Solvothermal synthesis of Fe-C codoped TiO ₂ nanoparticles for visible-light photocatalytic removal of emerging organic contaminants in water. <i>Applied Catalysis A: General</i> .
48	Yu, J., Qin, X., Larsen, L., Larsen, O., Jayasooriya, A., & Shen, X. (2011). A GIS-based management and publication framework for data handling of numerical model results. <i>Advances in Engineering Software</i> , 45(1), 360-369.
49	Zhang, D. Q., Tan, S. K., Gersberg, R. M., Sadreddini, S., Zhu, J., & Tuan, N. A. (2011). Removal of pharmaceutical compounds in tropical constructed wetlands. <i>Ecological Engineering</i> , 37(3), 460-464.
50	Zhou, T., Lim, T. T., Chin, S. S., & Fane, A. G. (2011). Treatment of organics in reverse osmosis concentrate from a municipal wastewater reclamation plant: Feasibility test of advanced oxidation processes with/without pretreatment. <i>Chemical Engineering Journal</i> , 166(3), 932-939.
51	Zhou, T., Lim, T. T., & Wu, X. (2011). Sonophotolytic degradation of azo dye reactive black 5 in an ultrasound/UV/ferric system and the roles of different organic ligands. <i>Water Research</i> , 45(9), 2915-2924.
52	Chen, J., Huang, Z., Jiang, C., Deng, B., & Long, Y. (2012). An experimental study of changes of beach profile and mean grain size caused by tsunami-like waves. <i>Journal of Coastal Research</i> , 28(5), 1303-1312.
53	Chua, L. H. C., Tan, S. B. K., Sim, C. H., & Goyal, M. K. (2012). Treatment of baseflow from an urban catchment by a floating wetland system. <i>Ecological Engineering</i> , 49, 170-180.
54	Goyal, M. K., Burn, D. H., & Ojha, C. S. P. (2012). Statistical downscaling of temperatures under climate change scenarios for thames river basin, Canada. <i>International Journal of Global Warming</i> , 4(1), 13-30.
55	Goyal, M. K., Ojha, C. S. P., & Burn, D. H. (2012). Nonparametric Statistical Downscaling of Temperature, Precipitation, and Evaporation in a Semiarid Region in India. <i>Journal of Hydrologic Engineering</i> , 17(5), 615-627.
56	He, F., Huang, Z., & Wing-Keung Law, A. (2012). Hydrodynamic performance of a rectangular floating breakwater with and without pneumatic chambers: An experimental study. <i>Ocean Engineering</i> , 51, 16-27.
57	Hong, J. H., Goyal, M. K., Chiew, Y. M., & Chua, L. H. C. (2012). Predicting time-dependent pier scour depth with support vector regression. <i>Journal of Hydrology</i> , 468-469, 241-248.

58	Nguyen, P.K.T., & Chua, L.H.C. (2012). The data-driven approach as an operational real-time flood forecasting model. <i>Hydrological Processes</i> , 26(19), 2878-2893.
59	Law, A. W. K. (2012). On the significance of recirculation between intakes and outfalls of desalination and thermal power plants. <i>Desalination and Water Treatment</i> , 42(1-3), 304-308.
60	Li, J., Liu, H., Gong, K., Tan, S. K., & Shao, S. (2012). SPH modeling of solitary wave fissions over uneven bottoms. <i>Coastal Engineering</i> , 60(1), 261-275.
61	Ni, W., Tan, S. K., Ng, W. J., & Brown, S. D. (2012). Localized, adaptive recursive partial least squares regression for dynamic system modeling. <i>Industrial and Engineering Chemistry Research</i> , 51(23), 8025-8039.
62	Ni, W., Tan, S. K., Ng, W. J., & Brown, S. D. (2012). Moving-window GPR for nonlinear dynamic system modeling with dual updating and dual preprocessing. <i>Industrial and Engineering Chemistry Research</i> , 51(18), 6416-6428.
63	Ni, W., Wang, K., Chen, T., Ng, W. J., & Tan, S. K. (2012). GPR model with signal preprocessing and bias update for dynamic processes modeling. <i>Control Engineering Practice</i> , 20(12), 1281-1292.
64	Qin, X. (2012). Assessing environmental risks through fuzzy parameterized probabilistic analysis. <i>Stochastic Environmental Research and Risk Assessment</i> , 26(1), 43-58.
65	Su, B., Chua, L. P., & Wang, X. (2012). Validation of an Axial Flow Blood Pump: Computational Fluid Dynamics Results Using Particle Image Velocimetry. <i>Artificial Organs</i> , 36(4), 359-367.
66	Talei, A., & Chua, L. H. C. (2012). Influence of lag time on event-based rainfall-runoff modeling using the data driven approach. <i>Journal of Hydrology</i> , 438-439, 223-233.
67	Wang, X. K., Su, B. Y., & Tan, S. K. (2012). Experimental study of vortex-induced vibrations of a tethered cylinder. <i>Journal of Fluids and Structures</i> , 34, 51-67.
68	Yu, J. J., Qin, X. S., Larsen, L. C., Larsen, O., Jayasooriya, A., & Shen, X. L. (2012). A GIS-based management and publication framework for data handling of numerical model results. <i>Advances in Engineering Software</i> , 45(1), 360-369.
69	Yu, J. J., Qin, X. S., & Larsen, O. (2012). Joint Monte Carlo and possibilistic simulation for flood damage assessment. <i>Stochastic Environmental Research and Risk Assessment</i> , 1-11.
70	Zhang, D. Q., Gersberg, R. M., Hua, T., Zhu, J., Tuan, N. A., & Tan, S. K. (2012). Pharmaceutical removal in tropical subsurface flow constructed wetlands at varying hydraulic loading rates. <i>Chemosphere</i> , 87(3), 273-277.
71	Zhang, D. Q., Gersberg, R. M., Hua, T., Zhu, J. F., Nguyen, A. T., Law, W. K., et al. (2012). Effect of Feeding Strategies on Pharmaceutical Removal by Subsurface Flow Constructed Wetlands. <i>Journal of Environmental Quality</i> , 41(5), 1674-1680.

72	Zhang, D. Q., Gersberg, R. M., Zhu, J., Hua, T., Jinadasa, K. B. S. N., & Tan, S. K. (2012). Batch versus continuous feeding strategies for pharmaceutical removal by subsurface flow constructed wetland. <i>Environmental Pollution</i> , 167, 124-131.
73	Zhang, D. Q., Hua, T., Gersberg, R. M., Zhu, J., Ng, W. J., & Tan, S. K. (2012). Fate of diclofenac in wetland mesocosms planted with <i>Scirpus validus</i> . <i>Ecological Engineering</i> , 49, 59-64.
74	Zhang, D. Q., Tan, S. K., Gersberg, R. M., Zhu, J., Sadreddini, S., & Li, Y. (2012). Nutrient removal in tropical subsurface flow constructed wetlands under batch and continuous flow conditions. <i>Journal of Environmental Management</i> , 96(1), 1-6.
75	Zhao, B., Law, A.W.K., Adams, E.E., Huang, Z., & Shao, D. (2012). Effect of air release height on open water sediment disposal. <i>Journal of Hydraulic Research</i> , 50(5), 532-540.
76	He, F., Huang, Z.H. & Law, A.W.K. (2013). An experimental study of a floating breakwater with asymmetric pneumatic chambers for wave energy extraction. <i>Applied Energy</i> , 106, 222-231.
77	Li, T., Law, A.W.K., Cetin, M. & Fane, A.G. (2013). Fouling control of submerged hollow fibre membranes by vibrations. <i>Journal of Membrane Science</i> , 427, 230-239.
78	Qi, M., Chiew, Y.M. & Hong, J.H. (2013). Suction effects on Bridge Pier Scour under clear-water conditions. <i>Journal of Hydraulic Engineering (ASCE)</i> , 139(6), 621–629.
79	Talei, A., Chua, L.H.C., Chai, Q.H., et al. (2013). Runoff forecasting using a Takagi-Sugeno neuro-fuzzy model with online learning. <i>Journal of Hydrology</i> , 488, 17-32.
80	Yang, Y.X., Wang, Q.X. & Tan, S.K. (2013). Dynamic features of a laser-induced cavitation bubble near a solid boundary. <i>Ultrasonics Sonochemistry</i> , 20(4), 1098-1103.
81	Zamani, F., Law, A.W.K., & Fane, A.G. (2013). Hydrodynamic analysis of vibrating hollow fibre membranes. <i>Journal of Membrane Science</i> , 429, 304-312.
82	Zhang, D.Q., Hua, T., Gersberg, R. M., et al. (2013). Carbamazepine and naproxen: Fate in wetland mesocosms planted with <i>Scirpus validus</i> . <i>Chemosphere</i> , 91(1), 14-21.
83	Zhang, D. Q., Hua, T., Gersberg, R. M., Zhu, J., Ng, W. J., & Tan, S. K. (2013). Fate of caffeine in mesocosms wetland planted with <i>Scirpus validus</i> . <i>Chemosphere</i> , 90(4), 1568-1572.
84	Zhao, B., Law, A.W.K., Huang, Z.H., Adams, E.E. & Lai, A.C.H. (2013). Behavior of sediment clouds in waves. <i>Journal of Waterway Port Coastal and Ocean Engineering</i> , 139(1), 24-33.
85	Zhou, Y., Zhang, D.Q., Le, T.M., et al. (2013). Energy utilization in sewage treatment - a review with comparisons. <i>Journal of Water and Climate</i> , 4(1), 1-10.
86	Xu, T.Y.& Qin, X.S. (2013). Solving water management problem through combined genetic algorithm and fuzzy simulation. <i>Journal of Environmental Informatics</i> , 22(1), 39-48.

87	Yu, J. J., Qin, X. S. & Larsen, O. (2013). Joint Monte Carlo and possibilistic simulation for flood damage assessment, <i>Stochastic Environmental Research and Risk Assessment</i> , 27(3), 725-735.
88	Nguyen, P.K.T., Chua, L.H.C. & Son, L.H. (2013). Flood forecasting in large rivers with data-driven models. <i>Natural Hazards</i> : 1-18.
89	Jiang, B., Law, A. W. K. & Lee, J. H. W. (2013). Mixing of 30° and 45° Inclined Dense Jets in Shallow Coastal Waters. <i>Journal of Hydraulic Engineering (ASCE)</i> , 140(3), 241-253.
90	Gensheimer, R.J., Adams, E.E. & Law, A.W.K. (2013). Dynamics of particle clouds in ambient currents with application to open-water sediment disposal. <i>Journal of Hydraulic Engineering (ASCE)</i> , 139(2), 114-123. Karl Emil Hilgard Prize, American Society of Civil Engineers (ASCE), 2014
91	Song, J., Ng, C.O. & Law, A. W. K. (2014). Dispersion in oscillatory electro-osmotic flow through a parallel-plate channel with kinetic sorptive exchange at walls. <i>Journal of Hydrodynamics, Ser. B</i> , 26(3), 363-373.
92	Zamani, F., Wicaksana, F., Taheri, A.H., Law, A.W.K., Fane, A.G. & Krantz, W.B. (2014). Generalized criterion for the onset of particle deposition in CFMF via DOTM – Modeling and experimental validation. <i>Journal of Membrane Science</i> , 457, 128-138.
93	Yu, J. J., Qin, X. S., Larsen, O. & Chua, L. H. C. (2014), Comparison between Response Surface Models and Artificial Neural Networks in Hydrologic Forecasting, <i>Journal of Hydrologic Engineering</i> , 19(3), 473-481.
94	Li, T., Law, A.W.K. & Fane, A.G. (2014). Submerged hollow fibre membrane filtration with transverse and longitudinal vibrations. <i>Journal of Membrane Science</i> , 455, 83-91.
95	Jiang, B., & Law, A. W. K. (2014). Non-interfering Multiport Brine Diffusers in Shallow Coastal Waters. <i>Journal of Applied Water Engineering and Research</i> , 1(2), 148-157.
96	Zhao, K., Cheng, N.S.& Huang, Z. (2014). Experimental study of free-surface fluctuations in open channel flow in the presence of periodic cylinder arrays. <i>Journal of Hydraulic Research</i> , 52(4), 465-475.
97	Zhao, K., Cheng, N. S., Wang, X. & Tan, S. (2014). Measurements of fluctuation in drag acting on rigid cylinder array in open channel flow. <i>Journal of Hydraulic Engineering (ASCE)</i> 140(1), 48-55.
98	Li, Y.F., Zhu, G.B., Ng, W.J. & Tan S.K. (2014). A review on removing pharmaceutical contaminants from wastewater by constructed wetlands: Design, performance and mechanism. <i>Science of the Total Environment</i> , 468-469, 908-932.
99	Deng, Z., Huang, Z. & Law, A.W.K. (2014). Wave power extraction from a bottom-mounted oscillating water column converter with a V-shaped channel. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> . 470 (2167), 20140074. (8 Jul 2014)

100	Lai, A.C.H., Zhao, B., Law, A.W.K. & Adams, E.E. (2014). A numerical and analytical study of the effect of aspect ratio on the behaviour of a round thermal. <i>Environmental Fluid Mechanics</i> , published online, DOI 10.1007/s10652-014-9362-3.
101	Liu, B., Baimova, J.A., Reddy, C.D., Dmitriev, S.V., Law, A.W.K., Feng, X. Q. & Zhou, K. (2014). Interface thermal conductance and rectification in hybrid graphene/silicene monolayer. <i>Carbon</i> , 79, 236-244
102	Zhang, Y.M., Xiao, Z.M., Zhang, W.G. & Huang, Z.H. (2014). Strain-based CTOD estimation formulations for fracture assessment of offshore pipelines subjected to large plastic deformation. <i>Ocean Engineering</i> , 91, 64-72. (15 Sep 2014)
103	Ekklesia, E., Shanahan, P., Chua, L.H.C. & Eikaas, H.S. (2015). Temporal variation of faecal indicator bacteria in tropical urban storm drains. <i>Water Research</i> , 68, 171-181. (1 Jan 2015)
104	Zhang, S., Law, A.W.K. & Zhao, B. (2015). Large eddy simulations of turbulent circular wall jets. <i>International Journal of Heat and Mass Transfer</i> , 80, 72-84. (Jan 2015)
105	Xu, T.Y. & Qin, X.S. (2015). A sequential fuzzy model with general-shaped parameters for water supply-demand analysis. <i>Water Resources Management</i> , 29(5), 1431-1446. (Jan 2015)
106	Lin, P., Babicheva, R. I., Xue, M., Zhang, H. S., Xu, H., Liu, B. and Zhou, K. (2015). Tensile response of bi-crystalline Si nanofilms with twist and tilt grain boundaries. <i>Computational Materials Science</i> , 96, 295-299. (Jan 2015)
107	Wu, R. B., Wang, D. P., Kumar, V., Zhou, K., Lee, P. S., Law, A. W. K., Lou, J. & Chen, Z. (2015) MOFs-derived Copper Sulfides Embedded within Mesoporous Carbon Octahedra for Electrochemical Capacitors Applications. <i>Chemical Communications</i> , 51, 3109-3112. (21 February 2015)
108	Yu, J.J., Qin, X.S. & Larsen, O. (2015). Uncertainty analysis of flood inundation modelling using GLUE with surrogate models in stochastic sampling. <i>Hydrological Processes</i> , 29(6), 1267-1279. (15 Mar 2015)
109	Huang, G., Zhang, N., Law, A.W.K., Song, Y. & Lin, L. (2015). Motion response of immersing tunnel element under random waves. <i>Ships and Offshore Structures</i> , 10.1080/17445302.2015.1038867, 1-14. (30 Apr 2015)
110	Ekklesia, E., Shanahan, P., Chua, L.H.C. and Eikaas, H.S. (2015). Associations of chemical tracers and faecal indicator bacteria in a tropical urban catchment. <i>Water Research</i> , 75, 270-281. (15 May 2015)
111	Zhang, S., Jiang, B., Law, A.W.K., and Zhao, B. (2015). Large eddy simulations of 45° inclined dense jets. <i>Environmental Fluid Mechanics</i> , 16(1), 101-121. (16 May 2015)
112	Wu, R., Wang, D.P., Rui. X., Liu, B., Zhou, K., Law, A.W.K., Yan, Q., Wei, J. and Chen, Z. (2015). In-situ formation of hollow hybrids composed of cobalt sulphides embedded within porous carbon polyhedral/carbon nanotubes for high-performance lithium-ion batteries. <i>Advanced Materials</i> , 27(19), 3038-3044. (20 May 2015)

113	Song, J. & Law, A.W.K. (2015). Longitudinal dispersion of turbulent oscillatory pipe flows. <i>Environmental Fluid Mechanics</i> , 15(3), 563-593. (June 2015, first online: 17 Aug 2014)
114	Yang, P., Xing, Z., Fong, D.A., Monismith, S.G., Tan, K.M. & Lo, E.Y.M. (2015). Observations of Vertical Eddy Diffusivities in a Shallow Tropical Reservoir. <i>Journal of Hydro-environment Research</i> , 9(3), 441-451. (Sep 2015)
115	Wu, R. B., Wang, D.P., Han, J.Y., Liu, H., Zhou, K., Huang, Y.Z., Xu, R., Wei, J., Chen, X.D. & Chen, Z. (2015) A General Approach towards Multi-faceted Hollow Oxide Composites Using Zeolitic Imidazolate Frameworks. <i>Nanoscale</i> , 2015, 7, 965-974. (21 Jan 2016)
116	Liu, B., Wu, R. B., Baimova, J.A., Wu, H., Law, A.W.K., Dmitriev, S.V. & Zhou, K. (2016) Molecular Dynamics Study of Nanoconfined Pressure-Driven Water Transport Through Graphene Bilayers. <i>Physical Chemistry Chemical Physics</i> , 18, 1886-1896. (21 Jan 2016)
117	Huang, Y. & Qin, X.S. (2016) Application of pseudospectral approach for inundation modelling process with an anisotropic random input field. <i>Journal of Environmental Informatics</i> (Accepted in Jan 2016)
118	Vallam, P. & Qin, X.S. (2016) Multi-Site Rainfall Simulation at Tropical Regions: A Comparison of Three Types of Generators. <i>Meteorological Applications</i> . (Accepted in Jan 2016)
119	Zhang, G. & Thai, V.V. (2016) Expert elicitation and Bayesian Network modelling for shipping accidents: A literature review. <i>Safety Science</i> , 87, 53-62. (Accepted in Mar 2016)