

# Jianqun Jiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1314219/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Dynamic Responses of Ballastless High-Speed Railway Due to Train Passage With Excitation of Uneven Trackbed Settlement. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22244-22257.	8.0	4
2	Track settlement restoration of ballastless high-speed railway using polyurethane grouting: Full-scale model testing. Transportation Geotechnics, 2021, 26, 100381.	4.5	29
3	Lead adsorption on loess under high ammonium environment. Environmental Science and Pollution Research, 2021, 28, 4488-4502.	5.3	9
4	An analytical model for contaminant transport in cut-off wall and aquifer system. Environmental Geotechnics, 2020, 7, 457-466.	2.3	18
5	Study on the effect of corrosion defects on VIV behavior of marine pipe using a new defective pipe element. International Journal of Naval Architecture and Ocean Engineering, 2020, 12, 552-568.	2.3	1
6	Dynamic Stresses in Embankment and Ground Caused by HST with the Considering of Track Irregularity. , 2018, , 233-242.		0
7	Adsorption of NH <sub>4</sub> <sup>+</sup> on Chinese loess: Non-equilibrium and equilibrium investigations. Journal of Environmental Management, 2017, 202, 46-54.	7.8	25
8	Numerical analysis of soil vibrations due to trains moving at critical speed. Acta Geotechnica, 2016, 11, 281-294.	5.7	42
9	Dynamic performance of high-speed railway formation with the rise of water table. Engineering Geology, 2016, 206, 18-32.	6.3	56
10	Critical Velocity of High-speed Train Running on Soft Soil and Induced Dynamic Soil Response. Procedia Engineering, 2016, 143, 1034-1042.	1.2	23
11	A full-scale physical model test apparatus for investigating the dynamic performance of the slab track system of a high-speed railway. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2016, 230, 554-571.	2.0	30
12	Cyclic and Postcyclic Triaxial Testing of Ballast and Subballast. Journal of Materials in Civil Engineering, 2016, 28, .	2.9	31
13	Full-scale model testing on a ballastless high-speed railway under simulated train moving loads. Soil Dynamics and Earthquake Engineering, 2014, 66, 368-384.	3.8	172
14	Investigation and evaluation of increasing uplift pressure in an arch dam: A case study of the Huaguangtan Dam. KSCE Journal of Civil Engineering, 2014, 18, 1858-1867.	1.9	4
15	Extreme Dynamic Responses of MW-Level Wind Turbine Tower in the Strong Typhoon Considering Wind-Rain Loads. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	6