

# Luo-bin Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4858009/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Analytic solutions for twin tunneling at great depth considering liner installation and mutual interaction between geomaterial and liners. Applied Mathematical Modelling, 2019, 73, 412-441.	4.2	20
2	Analytical model of buried beams on a tensionless foundation subjected to differential settlement. Applied Mathematical Modelling, 2020, 87, 269-286.	4.2	12
3	Analytic study of stress and displacement for shallow twin tunnels subjected to surcharge loads. Applied Mathematical Modelling, 2021, 93, 485-508.	4.2	9
4	Energy method as solution for deformation of geosynthetic-reinforced embankment on Pasternak foundation. Applied Mathematical Modelling, 2019, 66, 424-439.	4.2	7
5	Modified complex variable method for displacement induced by surcharge loads and shallow tunnel excavation. Journal of Engineering Mathematics, 2020, 123, 1-18.	1.2	7
6	Complex variable solutions for twin tunnelling at great depth in viscoelastic geomaterial considering the three-dimensional effects of tunnel faces. Applied Mathematical Modelling, 2021, 89, 919-951.	4.2	7
7	Complex variable solutions for tunnel excavation at great depth in visco-elastic geomaterial considering the three-dimensional effects of tunnel advance. Applied Mathematical Modelling, 2020, 82, 700-730.	4.2	6
8	Complex variable solutions for shallow twin tunnelling in visco-elastic geomaterial considering buoyancy effect and equivalent three-dimensional effects of tunnel faces. Applied Mathematical Modelling, 2021, 91, 149-185.	4.2	6
9	Seismic pseudo-static active earth pressure of narrow granular backfill against an inverted T-type retaining wall under translational mode. Soil Dynamics and Earthquake Engineering, 2022, 152, 107018.	3.8	5
10	An Analytical Solution for Stress and Displacement Field for Arbitrarily Positioned Twin-Tunnel Excavation at Great Depth. Mathematical Problems in Engineering, 2018, 2018, 1-9.	1.1	0