

土木工程学院2022年春季超学制博士助学金拟推荐人选公示

基本信息				科研成果			备注
序号	姓名	学号	预计答辩时间	论文名称（专利等）	期刊名（类别等）	发表年月（授权年限等）	
1	王熙	1710754	2022年12月	Contact detection between polygonal blocks based on a novel multi-cover system for discontinuous deformation analysis	Computers and Geotechnics (SCI Q1)	2019年3月	
				The last entrance plane method for contact indeterminacy between convex polyhedral blocks	Computers and Geotechnics (SCI Q1)	2019年10月	
				Improvements in DDA program for rockslides with local in-circle contact method and modified open-close iteration	Engineering Geology (SCI Q1)	2019年11月	
				Acceleration of contact detection between arbitrarily shaped polyhedra based on multi-cover methods in three dimensional discontinuous deformation analysis	International Journal of Rock Mechanics and Mining Sciences (SCI Q1)	2020年6月	
				Improved friction force calculation with an augmented open-close iteration formulation in discontinuous deformation analysis	Computers and Geotechnics (SCI Q1)	2020年12月	
				Angle-Based Contact Detection in Discontinuous Deformation Analysis	Rock Mechanics and Rock Engineering (SCI Q1)	2020年12月	
				Three-dimensional discontinuous deformation analysis with explicit contact formulation and block-wise multicore CPU acceleration	Computers and Geotechnics (SCI Q1)	2021年8月	
				CPU-accelerated explicit three-dimensional discontinuous deformation analysis with cloud computing	IOP Conference Series Earth and Environmental Science	2021年11月	
				三维并行显式非连续变形分析接触判断与云计算研究进展	隧道与地下工程灾害防治	2021年9月	
				三维显式非连续变形分析软件	软件著作权	2021年7月	
				二维非连续变形分析软件	软件著作权	2018年5月	

2	叶梓	1710684	2022年9月	Vertical dynamic response of a pile embedded in layered transversely isotropic unsaturated soils	Journal of Geotechnical and Geoenvironmental Engineering (SCI Q1)	2021年8月	
				Poroelastodynamic response of layered unsaturated media in the vicinity of a moving harmonic load	Computers and Geotechnics (SCI Q1)	2021年7月	
				Extended precise integration solution to layered transversely isotropic unsaturated poroelastic media under harmonically dynamic loads	Engineering Analysis with Boundary Elements	2020年10月	
				Dynamic response analysis of multilayered unsaturated poroelastic medium subjected to a vertical time-harmonic load	Applied Mathematical Modelling	2020年9月	
				Consolidation analysis for layered transversely isotropic viscoelastic media with compressible constituents due to tangential circular loads	Computers and Geotechnics	2020年1月	
				Quasi-static response of a multilayered transversely isotropic porothermoelastic material subjected to a cylindrical heat source.	Computers and Geotechnics	2019年3月	
				Thermo-mechanical performance of layered transversely isotropic media around a cylindrical/tubular heat source.	Acta Geotechnica	2018年10月	
				Time-dependent behavior of axisymmetric thermal consolidation for multilayered transversely isotropic poroelastic material.	Applied Mathematical Modelling	2018年9月	
				变荷载下层状非饱和土地基全耦合固结特性研究.	岩土力学	2021年7月	

3	罗晶	1610158	2022年8月	Rotational behavior of bolted glulam beam-to-column connections with knee brace	Engineering Structures	2020年1月	
				Seismic performance of multi-story glulam post-and-beam structures reinforced with knee-braces	Journal of Building Engineering	2021年6月	
				Analytical prediction of the fire resistance of the glulam bolted connections under coupled moment and shear	Journal of Building Engineering	2020年6月	
				Seismic performance evaluation of glulam structures with either braced frames or knee-braced frames as the main lateral load resisting system	Soil Dynamics and Earthquake Engineering	2021年12月	
				Analytical investigations on the glulam beam-to-column connections reinforced with knee braces	Journal of Architectural Engineering	2021年10月	
				Experimental and numerical investigation into the fire performance of glulam bolted beam-to-column connections under coupled moment and shear force	Journal of Building Engineering	2021年12月	
				Experimental and numerical investigation into the bending behavior of stiffened hollow glulam beams	Journal of Building Engineering	2021年10月	
				木梁柱螺栓钢填板节点转动性能理论计算方法	土木工程学报	2021年3月	
				一种磷类防火涂料对花旗松力学性能和吸水性能的影响	建筑技术	2020年3月	
				A state-of-art of experimental research and calculated models of dowel-type timber connections in fire	International Journal of High-Rise Buildings	2021年12月	
				Structural response of a glued laminated timber structure under post-earthquake fire	5th Joint Workshop on Building / Civil Engineering between Tongji & Tokyo Tech. July 26-28, 2018, Tokyo Institute of Technology	2018年7月	
				Key technologies for prefabricated timber buildings	2017 Modular and Offsite Construction Summit & the 2nd International Symposium on Industrialized Construction Technology	2017年11月	
				我国装配式木结构标准体系现状及完善建议	工程建设标准化	2018年3月	

			多高层木结构建筑的装配式特点及发展展望	建筑科技	2017年3月	
			标准科技创新奖一等奖	科技成果奖，中华人民共和国科技部批准设立（国科办奖励编号：0292），CECS2020-C-001	2020年11月	
			钢木销轴式连接基于Johanson屈服模型的承载力计算软件	计算机软件著作权	2020年10月	
			考虑裂缝发展的钢木销轴式连接承载力计算软件	计算机软件著作权	2020年11月	
			胶合木销轴式连接抗火承载力计算软件	计算机软件著作权	2020年12月	