题目	Name	专利号	公开时间	使用情况
During 4Paradigm				
针对图像中的文本识别的特征提取方法及装置	Feature extraction method and apparatus for text recognition in images	CN202010637355.7	2024/9/6	HyperCycle OCR
基于关系认知的知识图谱嵌入方法和系统	Relation-aware knowledge graph embedding method and system	CN202010420480.2	2024/6/14	HyperCycle KB
自动知识图谱嵌入方法和系统	Automatic knowledge graph embedding method and system	CN201910344161.5	2024/11/22	HyperCycle KB
图嵌入模型的训练方法及装置、计算设备及可读介质	Training method and apparatus for graph embedding model, computing device, and readable medium	CN201811526711.7	2024/10/11	HyperCycle KB
多元关系知识库构建方法和系统	Multi-relational knowledge base construction method and system	CN202010306303.1	2024/10/29	HyperCycle KB
基于知识图谱的数据采样方法、装置、计算设备及可读介质	Knowledge graph-based data sampling method, apparatus, computing device, and readable medium	CN201911038466.X	2024/8/13	HyperCycle KB
协同滤波模型的训练方法及装置、可读介质及系统	Training method and apparatus for collaborative filtering model, readable medium, and system	CN202010936001.2	2024/9/24	HyperCycle ML
基于协同滤波模型的物品推荐方法和系统	Item recommendation method and system based on collaborative filtering model	CN202010412889.X	2024/6/25	HyperCycle ML
机器学习的抗噪方法、装置及系统	Noise-resistant (or Robust) method, apparatus, and system for machine learning	CN201911275361.6	2023/11/24	HyperCycle ML
实现用户相关推荐的系统和方法	System and method for implementing user-related (or personalized) recommendations	CN202010177231.5	2023/6/13	HyperCycle ML
训练模型的方法及系统和预测序列数据的方法及系统	Method and system for training a model, and method and system for predicting sequential data	CN202110497221.4	2023/12/26	HyperCycle ML
训练模型的方法及系统和预测序列数据的方法及系统	Method and system for training a model, and method and system for predicting sequential data	CN201911180700.2	2022/7/19	HyperCycle ML
图神经网络传播模型确定方法和系统	Method and system for determining a graph neural network propagation model	CN202011566557.3	2022/7/1	HyperCycle KB
多元关系知识库构建方法和系统	Multi-relational knowledge base construction method and system	CN202011019535.5	2022/4/12	HyperCycle KB
基于张量的超网络优化方法和系统	Tensor-based hypernetwork optimization method and system	CN202011632953.1	2022/7/1	HyperCycle ML
实现用户相关推荐的方法和系统	Method and system for implementing user-related (or personalized) recommendations	CN201910576468.8	2022/3/1	HyperCycle ML
搜索图神经网络结构的方法和系统	Method and system for searching graph neural network architectures	CN202010398927.0	2021/11/16	HyperCycle KB
训练模型的方法及系统和预测序列数据的方法及系统	Method and system for training a model, and method and system for predicting sequential data	CN201910349922.6	2021/3/19	HyperCycle ML
训练模型的方法、信息处理方法、装置及电子设备	Method for training a model, information processing method, apparatus, and electronic device	CN201910350187.0	2020/10/30	HyperCycle ML
实现知识图谱嵌入的方法和系统	Method and system for implementing knowledge graph embedding	CN201911127223.3	2020/2/25	HyperCycle KB
多元关系知识库构建方法和系统	Multi-relational knowledge base construction method and system	CN202010306303.1	2020/8/7	HyperCycle KB
Druing TsingHua University				
一种网络模态博弈演化决策方法和装置	A network modality evolutionary game decision-making method and apparatus	CN202411717379.8	2025/4/8	
基于医药知识图谱的药物相互反应预测方法及装置	Drug-drug interaction prediction method and apparatus based on a medical knowledge graph	CN202210272634.7	2022/7/8	
一种基于知识图谱的超参数搜索方法及装置	A knowledge graph-based hyperparameter search method and apparatus	CN202210044999.4	2022/5/31	