

第一部分 年度报告编写提纲（限3000字以内）

# 人才培养工作和成效

## （一）人才培养工作

**油气地质与勘探国家级实验教学示范中心**（简称“中心”）围绕“立德树人”的教育宗旨，构建了基于“实验基本能力的培养”、“综合实验能力的训练”和“创新意识与科研能力的提高”多层次的实验教学体系。2022年，开展了如下实验及实践教学：

**1. 课程配套实验教学：**实验教学是油气地学人才培养重要的组成部分，中心下设32个专业教学实验室，面向4个学院、9个专业、3个年级，本年度共开设195个实验项目，学生实验人时数44922人时。

**2. 校内工程实训教学：**中心下设有校内工程训练基地，本年度为65个本科班近2000名学生开设了程序设计、课程设计、油气地质综合研究等工程实训课程，切实提高了学生的实践动手能力。

**3. 企业现场实践教学：**中心依托与胜利油田、东方物探公司等企业共建的10余个校企联合共建实践基地，开展了测井生产实习、地震勘探生产实习、油田地质实习等企业现场实践教学，涉及5个专业15个班级380人次。

**4. 创新创业与学科竞赛：**中心落实本科生“三进”计划，广泛开展各类大学生科技竞赛，建立起覆盖各专业、各年级的科技竞赛体系。

## （二）人才培养成效

中心围绕“立德树人”的教育宗旨，坚持把方向、聚合力、厚基础、重实效的工作思路，把握生源及学科特点，遵循学生成长规律，着力整合优质育人资源、搭建优势育人平台、提升大学生实践创新能力，努力培育新时代勘探尖兵，人才培养质量得到全面提升。

**1. 学生创新创业竞赛创佳绩**

中心重视大学生创新创业教育工作，为学生提供优质双创资源，双创成果不断涌现。学生团队在“三大赛”中获得省级金奖及以上奖励5项，在学科竞赛中获得首届“东方杯”全国大学生勘探地球物理软件开发大赛特等奖1项、第六届全国大学生地质技能竞赛一等奖2项、全国大学生数学建模竞赛一等奖1项。学生创新创业能力培养成效显著，10余人获孙越崎优秀学生奖、校长奖、十大学生标兵、学术十杰等高层次荣誉奖励。

**2. 毕业生就业数量质量双丰收**

学生就业情况是衡量人才培养情况的一项重要指标。2022年，中心毕业生总体毕业去向落实率为94.09%，78.49%毕业生签约世界500强企业，72.76%赴能源行业就业，实现就业数量、质量双丰收。中心获评学生就业工作先进单位、暑期社会实践活动优秀组织单位、大学生创新创业年会优秀组织单位。

**3. 国际化人才培养取得新进展**

国家留学基金委各类型项目获批出国学生17人，其中联合培养博士生11人，联合培养硕士生6人。其他类型资助的国际校级学术交流本科生4人。2022年新招11名留学生，包括6名博士生，5名硕士生。

# 二、人才队伍建设

积极贯彻学校差异化招聘，不断优化人才发展环境，教师质量不断提升。2022年中心引进教师10人，其中教授2人，特任副教授3人，师资博士后5人，师资队伍结构进一步优化。在师资队伍建设方面，中心注重内涵发展、强化团队建设，着力提升师资队伍水平。本年度1团队入选第二批“全国高校黄大年式教师团队”，1人入选教育部“长江学者奖励计划”讲席学者，1人获批国家自然科学基金优秀青年科学基金项目，1人入选山东省泰山学者攀登计划专家，1人获批山东省自然科学基金优秀青年项目，3人入选山东省泰山学者青年专家，1人荣获山东省青年科技奖，等等。

# 三、教学改革与科学研究

## （一）教学改革

中心致力教学改革，围绕让“学生忙起来、教师强起来、管理严起来、效果实起来”，大力推进线上、线下、混合式、虚拟仿真、社会实践等各类“金课”建设，全面提升教学质量。教学成果丰硕，获省级教学成果奖特等奖1项、一等奖1项、二等奖2项，1项获推国家级教学成果奖，新增山东省教改项目1项、山东省高等学校课程联盟在线教学优秀案例和优秀共享课程各1项。3个虚拟教研室进入首批国家级虚拟教研室名单；发表教学论文7篇，T2核心3篇；主编公开出版校级规划教材1部，参编教材2部。

## （二）科学研究

聚焦国家能源战略需求，科研奖励再创佳绩，成果质量显著提升。21项国家自然科学基金项目获批立项，直接经费达1390万元。其中，获批重点项目1项、优秀青年科学基金项目1项、面上项目13项、青年科学基金项目6项。获批山东省自然科学基金10项，其中山东省优青项目1项。获省部级一等奖6项，二等奖6项，三等奖1项。发表三大检索科研论文509篇，其中SCI收录论文264篇，EI收录论文245篇，授权发明专利118项。

# 四、信息化建设、开放运行和示范辐射

## （一）信息化资源、平台建设。

中心大力推进实践教学与信息化技术的融合，搭建云端学术交流新平台，增加学生国际交流新渠道。2个创新引智基地得到高效执行，创办GeoFriday学术日活动，共邀请国外专家57人次开展线上学术交流活动。科技部中沙石油能源“一带一路”联合实验室在建设期顺利进行，获批重点研发计划课题。同时，学校深入推进信息技术智能技术与实验教学深度融合，不断加强虚拟仿真资源和模拟实训平台建设，积极培育虚拟仿真项目，注重对人员的信息化能力培养。

## （二）开放运行、安全运行等情况。

根据学科特点，设立课内实验、选做实验和开放实验计划，实验室采用开放运行模式，学生可以通过提前预约的形式进行实验，除完成实验实践教学外，中心还积极开展开放性实验，本年度完成22项开放性实验，提高了资源的使用效率。为进一步加强实验室安全管理，强化师生安全意识，普及实验室安全知识，保障实验室安全有序的运行，中心举办了实验室安全知识培训讲座，邀请安全顾问担任主讲嘉宾，各实验室安全员和新入学的博士、硕士研究生参加。

## （三）对外交流合作、发挥示范引领等情况。

持续研究生学术活动交流，积极动员研究生参加国际交流和创新实践活动。共邀请42名博士生举办了42期的青蓝博士论坛，参与学生达2000多人。顺利完成暑期国际教育周8门课程。研究生积极参加国内外重要学术会议，做报告达40余人次。21名研究生获得国家留学基金委资助进行出国联合培养。中心师生积极参加线上国际会议，师生做口头报告17人次。成功举办油气智能@未来科学家研究生国际论坛，为研究生拓宽学术视野、提高科研创新能力和促进国际交流能力提供了重要的学术交流平台，对于总结经验、增进共识，共同推动油气地学技术智能化发展意义重大，充分发挥了行业示范引领作用。

# 五、示范中心大事记

**（1）首轮一流学科建设成效显著，入选新一轮建设名单**

地质资源与地质工程学科经过首轮“双一流”建设，在高层次人才团队、重大科研项目、重大成果等核心指标上取得了重大突破，增量明显、亮点突出、成效显著。2022年2月，国家正式启动新一轮“双一流”建设工作，地质资源与地质工程学科再次入选新一轮建设。

**（2）学生获第十七届“挑战杯”全国大学生课外学术科技作品竞赛一等奖**

中心参赛项目“面向深部油气藏的高精度地震成像技术”斩获第十七届“挑战杯”大学生课外学术科技作品竞赛全国一等奖，这是中心近年来的最好成绩。该项目团队研发三项高精度地震成像技术，开发了深层地震成像软件，解决了多项深层油气成像难题，在胜利油田等多家单位取得良好应用效果。

# 六、示范中心存在的主要问题

1. 中心实验室实际开放情况较往年明显下降。针对目前实验室的建设步伐，下一步将保持实验室开放程度，逐渐恢复开放实验。

2. 中心虽然在运行和管理机制方面积累了一些经验和取得了一些成果，但随着时代的发展，需要对中心运行和管理机制进行不断的摸索、革新，并进一步完善和加强，以提高中心的运行和管理效率，更好的服务实验教学。

# 七、所在学校与学校上级主管部门的支持

自中心成立以来，学校给予了高度的支持与重视，在经费投入上予以保证，政策上予以支持，同时进行有效地监督和管理，保证建设规划目标的高质量完成。

1. 学校将中心建设列入学校发展规划纲要，以中心建设作为引领实践教学改革、推动实践教学内涵发展的重要抓手，专门成立实验室管理处，到中心实地调研，沟通实验室管理工作中存在的主要问题、管理瓶颈以及下一步的改进措施。

2. 学校2022年总投入经费1952万元，加强实验教学中心基础建设，主要用于老旧实验设备更新及实验项目完善等，中心实验教学设备得以更新换代，将在未来的实验教学中发挥重要作用。实验室建设项目归口统筹管理，加强实验室对“双一流”的支撑和保障成效。

**第二部分 示范中心数据**

**（**数据采集时间为 2022年1月1日至12月31日**）**

## 一、示范中心基本情况

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **示范中心名称** | | **油气地质与勘探国家级实验教学示范中心（中国石油大学（华东））** | | | | | | |
| **所在学校名称** | | 中国石油大学（华东） | | | | | | |
| **主管部门名称** | | 教育部 | | | | | | |
| **示范中心门户网址** | | http://pgp.geori.upc.edu.cn/ | | | | | | |
| **示范中心详细地址** | | 山东省青岛市黄岛区长江西路66号 | | | | **邮政编码** | 266580 | |
| **固定资产情况** | | 现有设备6037台套，总值14112万元 | | | | | | |
| **建筑面积** | 3374.52㎡ | **设备总值** | | 14112.0万元 | | **设备台数** | 6037台 | |
| **经费投入情况** | | 1952万 | | | | | | |
| **主管部门年度经费投入**  **（直属高校不填）** | | |  | | **所在学校年度经费投入** | | | 1952万 |

注：（1）表中所有名称都必须填写全称。（2）主管部门：所在学校的上级主管部门，可查询教育部发展规划司全国高等学校名单。

## 二、人才队伍基本情况

（一）本年度固定人员情况

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **姓名** | **英文名** | **性别** | **出生 年份** | **职称** | **职务** | **工作**  **性质** | **学位** | **备注** | **获得 时间** |
| 1 | 操应长 | Cao Yingchang | 男 | 1969 | 正高级 | 主任 | 管理 | 博士 | 新世纪优秀人才，国务院政府特殊津贴，百千万人才工程专家，博导 | 200307 |
| 2 | 张宪国 | Zhang Xianguo | 男 | 1982 | 正高级 | 副主任 | 管理 | 博士 | 博导 | 202009 |
| 3 | 曹丹平 | Cao Danping | 男 | 1978 | 正高级 | 副主任 | 管理 | 博士 | 博导 | 201807 |
| 4 | 吴孔友 | Wu Kongyou | 男 | 1971 | 正高级 | 副主任 | 管理 | 博士 | 博导 | 201507 |
| 5 | 张立强 | Zhang Liqiang | 男 | 1970 | 正高级 | 副主任 | 管理 | 博士 | 青岛高校教学名师，博导 | 201507 |
| 6 | 张 锋 | Zhang Feng | 男 | 1970 | 正高级 | 副主任 | 管理 | 博士 | 博导 | 201206 |
| 7 | 林承焰 | Lin Chengyan | 男 | 1963 | 正高级 |  | 教学 | 博士 | 国务院政府特殊津贴，博导 | 200006 |
| 8 | 郝 芳 | Hao Fang | 男 | 1964 | 正高级 |  | 教学 | 博士 | 院士，国务院政府特殊津贴，博导 | 201407 |
| 200007 |
| 199000 |
| 9 | 蒋有录 | Jiang Youlu | 男 | 1959 | 正高级 |  | 教学 | 博士 | 万人计划，国务院政府特殊津贴，博导 | 200206 |
| 10 | 刘 华 | Liu Hua | 女 | 1977 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 11 | 李振春 | Li Zhenchun | 男 | 1963 | 正高级 |  | 教学 | 博士 | 博导 | 200606 |
| 12 | 邱隆伟 | Qiu Longwei | 男 | 1967 | 正高级 |  | 教学 | 博士 | 博导 | 201006 |
| 13 | 吴智平 | Wu Zhiping | 男 | 1967 | 正高级 |  | 教学 | 博士 | 博导 | 200606 |
| 14 | 黄建平 | Huang Jianping | 男 | 1982 | 正高级 |  | 教学 | 博士 | 泰山学者长江学者、优青 | 201807 |
| 201907 |
| 15 | 印兴耀 | Yin Xingyao | 男 | 1962 | 正高级 |  | 教学 | 博士 | 全国优秀教师，国务院政府特殊津贴，博导 | 200006 |
| 16 | 宗兆云 | Zong Zhaoyun | 男 | 1987 | 正高级 |  | 教学 | 博士 | 长江学者，博导 | 201804 |
| 201707 |
| 17 | 符力耘 | Fu Liyun | 男 | 1964 | 正高级 |  | 教学 | 博士 | 博导 | 200007 |
| 18 | 王民 | Wang Min | 男 | 1981 | 正高级 |  | 教学 | 博士 | 国家优青，博导 | 201807 |
| 19 | 查明 | Zha Ming | 男 | 1958 | 正高级 |  | 教学 | 博士 | 国务院政府特殊津贴，博导 | 200006 |
| 20 | 周瑶琪 | Zhou Yaoqi | 男 | 1963 | 正高级 |  | 教学 | 博士 | 百千万人才工程专家，国务院政府特殊津贴，博导 | 199512 |
| 21 | 远光辉 | Yuan Guanghui | 男 | 1986 | 正高级 |  | 教学 | 博士 | 泰山学者 | 201906 |
| 22 | 梁超 | Liang Chao | 男 | 1986 | 正高级 |  | 教学 | 博士 | 泰山学者 | 201806 |
| 23 | 董春梅 | Dong Chunmei | 男 | 1963 | 正高级 |  | 教学 | 博士 | 青岛市优秀教师，博导 | 200806 |
| 24 | 卢双舫 | Lu Shuangfang | 男 | 1962 | 正高级 |  | 教学 | 博士 | 百千万人才工程专家，全国模范教师，国务院政府特殊津贴，博导 | 201212 |
| 25 | 范宜仁 | Fan Yiren | 男 | 1962 | 正高级 |  | 教学 | 博士 | 青岛拔尖人才，博导 | 200307 |
| 26 | 刘可禹 | Liu Keyu | 男 | 1962 | 正高级 |  | 教学 | 博士 | 博导 | 201512 |
| 27 | 唐晓明 | Tang Xiaoming | 男 | 1955 | 正高级 |  | 教学 | 博士 | 博导 | 201006 |
| 28 | 邓少贵 | Deng Shaogui | 男 | 1970 | 正高级 |  | 教学 | 博士 | 博导 | 201507 |
| 29 | 张广智 | Zhang Guangzhi | 男 | 1971 | 正高级 |  | 教学 | 博士 | 博导 | 201507 |
| 30 | 陈世悦 | Chen Shiyue | 男 | 1963 | 正高级 |  | 教学 | 博士 | 博导 | 200206 |
| 31 | 陈 勇 | Chen Yong | 男 | 1976 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 32 | 孙成禹 | Sun Chengyu | 男 | 1968 | 正高级 |  | 教学 | 博士 | 博导 | 201006 |
| 33 | 王冠民 | Wang Guanmin | 男 | 1969 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 34 | 张繁昌 | Zhang Fanchang | 男 | 1972 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 35 | 张军华 | Zhang Junhua | 男 | 1965 | 正高级 |  | 教学 | 博士 | 博导 | 201206 |
| 36 | 孙建孟 | Sun Jianmeng | 男 | 1964 | 正高级 |  | 教学 | 博士 | 博导 | 200206 |
| 37 | 杨少春 | Yang Shaochun | 男 | 1962 | 正高级 |  | 教学 | 博士 | 博导 | 200406 |
| 38 | 曹丹平 | Cao Danping | 男 | 1978 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 39 | 陈中红 | Chen Zhonghong | 男 | 1976 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 40 | 宋维琪 | Song Weiqi | 男 | 1963 | 正高级 |  | 教学 | 博士 | 博导 | 201507 |
| 41 | 吴国忱 | Wu Guochen | 男 | 1965 | 正高级 |  | 教学 | 博士 | 博导 | 200806 |
| 42 | 徐守余 | Xu Shouyu | 男 | 1968 | 正高级 |  | 教学 | 博士 | 博导 | 200606 |
| 43 | 杜启振 | Du Qizhen | 男 | 1969 | 正高级 |  | 教学 | 博士 | 博导 | 200606 |
| 44 | 韩同城 | Han Tongcheng | 男 | 1982 | 正高级 |  | 教学 | 博士 | 博导 | 201712 |
| 45 | 徐尚 | Xu Shang | 男 | 1985 | 正高级 |  | 教学 | 博士 | 国家自然科学基金优秀青年科学基金获得者 | 202112 |
| 46 | 刘红伟 | Liu Hongwei | 男 | 1982 | 正高级 |  | 教学 | 博士 | 国家青年特聘专家 | 202012 |
| 47 | 沈奕 | Shen Yi | 女 | 1987 | 正高级 |  | 教学 | 博士 | 国家青年特聘专家 | 202112 |
| 48 | 孟庆峰 | Meng Qingfeng | 男 | 1987 | 正高级 |  | 教学 | 博士 | 博导 | 202101 |
| 49 | 裴仰文 | Pei Yangwen | 男 | 1986 | 正高级 |  | 教学 | 博士 | 博导 | 202009 |
| 50 | 王健 | Wang Jian | 男 | 1985 | 正高级 |  | 教学 | 博士 | 博导 | 202009 |
| 51 | 苏远大 | Su Yuanda | 男 | 1978 | 正高级 |  | 教学 | 博士 | 博导 | 201807 |
| 52 | 葛新民 | Ge Xinmin | 男 | 1985 | 正高级 |  | 教学 | 博士 | 博导 | 202009 |
| 53 | 葸克来 | Xi Kelai | 男 | 1988 | 正高级 |  | 教学 | 博士 | 博导 | 202009 |
| 54 | 宋建国 | Song Jianguo | 男 | 1971 | 副高级 |  | 教学 | 博士 | 博导 | 201909 |
| 55 | 杨继东 | Yang Jidong | 男 | 1990 | 正高级 |  | 教学 | 博士 | 博导 | 202009 |
| 56 | 杨升宇 | Yang Shengyu | 男 | 1987 | 正高级 |  | 教学 | 博士 | 博导 | 202203 |
| 57 | 田金强 | Tian Jinqiang | 男 | 1980 | 正高级 |  | 教学 | 博士 | 博导 | 202206 |
| 58 | 袁 静 | Yuan Jing | 女 | 1972 | 正高级 |  | 教学 | 博士 | 博导 | 202206 |
| 59 | 邵才瑞 | Shao Cairui | 男 | 1966 | 正高级 |  | 教学 | 博士 |  |  |
| 60 | 杨剑萍 | Yang Jianping | 女 | 1965 | 正高级 |  | 教学 | 博士 |  |  |
| 61 | 薛海涛 | Xue Haitao | 男 | 1975 | 正高级 |  | 教学 | 博士 |  |  |
| 62 | 陈钢花 | Chen Ganghua | 女 | 1963 | 正高级 |  | 教学 | 硕士 |  |  |
| 63 | 张卫海 | Zhang Weihai | 男 | 1963 | 正高级 |  | 教学 | 博士 |  |  |
| 64 | 张世奇 | Zhang Shiqi | 男 | 1971 | 正高级 |  | 教学 | 博士 |  |  |
| 65 | 国景星 | Guo Jingxing | 男 | 1963 | 正高级 |  | 教学 | 博士 |  |  |
| 66 | 李 理 | Li Li | 女 | 1967 | 正高级 |  | 教学 | 博士 |  |  |
| 67 | 李吉君 | Li Jijun | 男 | 1981 | 正高级 |  | 教学 | 博士 |  |  |
| 68 | 王艳忠 | Wang Yanzhong | 男 | 1980 | 正高级 |  | 教学 | 博士 |  |  |
| 69 | 李福来 | Li Fulai | 男 | 1979 | 正高级 |  | 教学 | 博士 |  |  |
| 70 | 胡书毅 | Hu Shuyi | 男 | 1963 | 副高级 |  | 教学 | 硕士 |  |  |
| 71 | 马玉新 | Ma Yuxin | 男 | 1963 | 副高级 |  | 教学 | 学士 |  |  |
| 72 | 沈一新 | Shen Yixin | 女 | 1966 | 副高级 |  | 教学 | 学士 |  |  |
| 73 | 孟祥梅 | Meng Xiangmei | 女 | 1970 | 副高级 |  | 教学 | 博士 |  |  |
| 74 | 任怀强 | Ren Huaiqiang | 男 | 1968 | 副高级 |  | 教学 | 学士 |  |  |
| 75 | 韩学辉 | Han Xuehui | 男 | 1974 | 副高级 |  | 教学 | 博士 |  |  |
| 76 | 李会银 | Li Huiyin | 男 | 1965 | 副高级 |  | 教学 | 博士 |  |  |
| 77 | 陈雪莲 | Chen Xuelian | 女 | 1976 | 副高级 |  | 教学 | 博士 |  |  |
| 78 | 曲江秀 | Qu Jiangxiu | 女 | 1974 | 副高级 |  | 教学 | 博士 |  |  |
| 79 | 徐凯军 | Xu Kaijun | 男 | 1979 | 副高级 |  | 教学 | 博士 |  |  |
| 80 | 尹兵祥 | Yin Bingxiang | 男 | 1970 | 副高级 |  | 教学 | 博士 |  |  |
| 81 | 张福明 | Zhang Fuming | 男 | 1968 | 副高级 |  | 教学 | 博士 |  |  |
| 82 | 李 伟 | Li Wei | 男 | 1978 | 副高级 |  | 教学 | 博士 |  |  |
| 83 | 李红南 | Li Hongnan | 女 | 1972 | 副高级 |  | 教学 | 博士 |  |  |
| 84 | 任丽华 | Ren Lihua | 女 | 1979 | 副高级 |  | 教学 | 博士 |  |  |
| 85 | 盛 辉 | Sheng Hui | 男 | 1972 | 副高级 |  | 教学 | 硕士 |  |  |
| 86 | 宋全友 | Song Quanyou | 男 | 1963 | 副高级 |  | 教学 | 博士 |  |  |
| 87 | 杨景林 | Yang Jinglin | 男 | 1965 | 副高级 |  | 教学 | 博士 |  |  |
| 88 | 边瑞雪 | Bian Ruixue | 女 | 1963 | 副高级 |  | 教学 | 硕士 |  |  |
| 89 | 程付启 | Cheng Fuqi | 男 | 1978 | 副高级 |  | 教学 | 博士 |  |  |
| 90 | 冯建伟 | Feng Jianwei | 男 | 1979 | 副高级 |  | 教学 | 博士 |  |  |
| 91 | 刘太勋 | Liu Taixun | 男 | 1977 | 副高级 |  | 教学 | 博士 |  |  |
| 92 | 陆诗阔 | Lu Shikuo | 男 | 1973 | 副高级 |  | 教学 | 博士 |  |  |
| 93 | 曲希玉 | Qu Xiyu | 男 | 1977 | 副高级 |  | 教学 | 博士 |  |  |
| 94 | 王保丽 | Wang Baoli | 女 | 1981 | 副高级 |  | 教学 | 博士 |  |  |
| 95 | 鄢继华 | Yan Jihua | 男 | 1977 | 副高级 |  | 教学 | 博士 |  |  |
| 96 | 杨俊生 | Yang Junsheng | 男 | 1972 | 副高级 |  | 教学 | 博士 |  |  |
| 97 | 张凯 | Zhang Kai | 男 | 1978 | 副高级 |  | 教学 | 博士 |  |  |
| 98 | 谭丽娟 | Tan Lijuan | 女 | 1968 | 副高级 |  | 教学 | 博士 |  |  |
| 99 | 刘长江 | Liu Changjiang | 男 | 1981 | 副高级 |  | 教学 | 博士 |  |  |
| 100 | 孟凡超 | Meng Fanchao | 男 | 1980 | 副高级 |  | 教学 | 博士 |  |  |
| 101 | 宋 璠 | Song Fan | 男 | 1982 | 副高级 |  | 教学 | 博士 |  |  |
| 102 | 宋 娟 | Song Juan | 女 | 1974 | 副高级 |  | 教学 | 硕士 |  |  |
| 103 | 谭宝海 | Tan Baohai | 男 | 1978 | 副高级 |  | 教学 | 博士 |  |  |
| 104 | 张 敏 | Zhang Min | 女 | 1981 | 副高级 |  | 教学 | 博士 |  |  |
| 105 | 丁修建 | Ding Xiujian | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 106 | 刘寅 | Liu Yin | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 107 | 肖佃师 | Xiao Dianshi | 男 | 1981 | 副高级 |  | 教学 | 博士 |  |  |
| 108 | 王伟明 | Wang Weiming | 男 | 1981 | 副高级 |  | 教学 | 博士 |  |  |
| 109 | 李俊乾 | Li Junqian | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 110 | 李文浩 | Li Wenhao | 男 | 1985 | 副高级 |  | 教学 | 博士 |  |  |
| 111 | 黄文彪 | Huang Wenbiao | 男 | 1980 | 副高级 |  | 教学 | 博士 |  |  |
| 112 | 赵建华 | Zhao Jianhua | 男 | 1985 | 副高级 |  | 教学 | 博士 |  |  |
| 113 | 杨勇强 | Yang Yongqiang | 男 | 1982 | 副高级 |  | 教学 | 博士 |  |  |
| 114 | 程斌 | Cheng Bin | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 115 | 李志娜 | Li Zhina | 女 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 116 | 王广伟 | Wang Guangwei | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 117 | 杨升宇 | Yang Shengyu | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 118 | 余宽宏 | Yu Kuanghong | 男 | 1983 | 副高级 |  | 教学 | 博士 |  |  |
| 119 | 张佳佳 | Zhang Jiajia | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 120 | 许启鲁 | Xu Qilu | 男 | 1989 | 副高级 |  | 教学 | 博士 |  |  |
| 121 | 纪文明 | Ji Wenming | 男 | 1988 | 副高级 |  | 教学 | 博士 |  |  |
| 122 | 李盛清 | Li Shengqing | 男 | 1989 | 副高级 |  | 教学 | 博士 |  |  |
| 123 | 刘建良 | Liu Jianliang | 男 | 1988 | 副高级 |  | 教学 | 博士 |  |  |
| 124 | 徐进军 | Xu Jinjun | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 125 | 李卿卿 | Li Qingqing | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 126 | 王奇 | Wang Qi | 男 | 1986 | 副高级 |  | 教学 | 博士 |  |  |
| 127 | 马存飞 | Ma Cunfei | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 128 | 冯子齐 | Feng Ziqi | 男 | 1988 | 副高级 |  | 教学 | 博士 |  |  |
| 129 | 陈方文 | Cheng Fangwen | 男 | 1984 | 副高级 |  | 教学 | 博士 |  |  |
| 130 | 唐明明 | Tang Mingming | 男 | 1987 | 副高级 |  | 教学 | 博士 |  |  |
| 131 | 王磊 | Wang Lei | 男 | 1993 | 副高级 |  | 教学 | 博士 |  |  |
| 132 | 于华伟 | Yu Huawei | 男 | 1982 | 副高级 |  | 教学 | 博士 |  |  |
| 133 | 庄春喜 | Zhuang Chunxi | 男 | 1984 | 副高级 |  | 教学 | 博士 |  |  |
| 134 | 张国印 | Zhang Guoyin | 男 | 1989 | 副高级 |  | 教学 | 博士 |  |  |
| 135 | 王淼 | Wang Miao | 男 | 1991 | 副高级 |  | 教学 | 博士 |  |  |
| 136 | 刘国恒 | Liu Guoheng | 男 | 1988 | 副高级 |  | 教学 | 博士 |  |  |
| 137 | 陈磊 | Chen Lei | 男 | 1988 | 副高级 |  | 教学 | 博士 |  |  |
| 138 | 严一鸣 | Yan Yiming | 男 | 1990 | 副高级 |  | 教学 | 博士 |  |  |
| 139 | 庄春喜 | Zhuang Chunxi | 男 | 1982 | 副高级 |  | 教学 | 硕士 |  |  |
| 140 | 于翠玲 | Yu Cuiling | 女 | 1979 | 中级 |  | 教学 | 博士 |  |  |
| 141 | 杜庆军 | Du Qingjun | 男 | 1978 | 中级 |  | 教学 | 博士 |  |  |
| 142 | 洪 梅 | Hong Mei | 女 | 1971 | 中级 |  | 教学 | 学士 |  |  |
| 143 | 林腊梅 | Lin Lamei | 女 | 1979 | 中级 |  | 教学 | 博士 |  |  |
| 144 | 李宝刚 | Li Baogang | 男 | 1977 | 中级 |  | 教学 | 博士 |  |  |
| 145 | 杨金秀 | Yang Jinxiu | 女 | 1984 | 中级 |  | 教学 | 博士 |  |  |
| 146 | 闫伟超 | Yan Weichao | 男 | 1991 | 中级 |  | 教学 | 博士 |  |  |
| 147 | 刘敬寿 | Liu Jiangshou | 男 | 1989 | 中级 |  | 教学 | 博士 |  |  |
| 148 | 马鹏杰 | Ma Pengjie | 男 | 1989 | 中级 |  | 教学 | 博士 |  |  |
| 149 | 王志伟 | Wang Zhiwei | 男 | 1991 | 中级 |  | 教学 | 博士 |  |  |
| 150 | 麻伟娇 | Ma Weijiao | 女 | 1991 | 中级 |  | 教学 | 博士 |  |  |
| 151 | 李进步 | Li Jinbu | 男 | 1989 | 中级 |  | 教学 | 博士 |  |  |
| 152 | 刘一鸣 | Liu Yiming | 男 | 1991 | 中级 |  | 博士后 | 博士 |  |  |
| 153 | 吴玉其 | Wu Yuqi | 男 | 1992 | 中级 |  | 博士后 | 博士 |  |  |
| 154 | 栾国强 | Luan Guoqiang | 男 | 1989 | 中级 |  | 博士后 | 博士 |  |  |
| 155 | 丛富云 | Cong Fuyun | 男 | 1992 | 中级 |  | 博士后 | 博士 |  |  |
| 156 | 邓武兵 | Deng Wubing | 男 | 1987 | 中级 |  | 教学 | 博士 |  |  |
| 157 | 孙小龙 | Sun Xiaolong | 男 | 1991 | 中级 |  | 教学 | 博士 |  |  |
| 158 | 巴凯伦 | Ba Kailun | 男 | 1993 | 中级 |  | 博士后 | 博士 |  |  |
| 159 | 熊周海 | Xiong Zhouhai | 男 | 1990 | 中级 |  | 博士后 | 博士 |  |  |
| 160 | 杨鹏 | Yang Peng | 男 | 1990 | 中级 |  | 博士后 | 博士 |  |  |
| 161 | 侯茂国 | Hou Maoguo | 男 | 1990 | 中级 |  | 博士后 | 博士 |  |  |
| 162 | 赵晨 | Zhao Chen | 女 | 1994 | 中级 |  | 博士后 | 博士 |  |  |
| 163 | 王文广 | Wang Wenguang | 男 | 1988 | 中级 |  | 博士后 | 博士 |  |  |

注：（1）固定人员：指经过核定的属于示范中心编制的人员。（2）示范中心职务：示范中心主任、副主任。（3）工作性质：教学、技术、管理、其他。（4）学位：博士、硕士、学士、其他，一般以学位证书为准。（5）备注：是否院士、博士生导师、杰出青年基金获得者、长江学者等，获得时间。

（二）本年度兼职人员情况

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **姓名** | **性别** | **出生年份** | **职称** | **职务** | **工作**  **性质** | **学位** | **备注** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

注：（1）兼职人员：指在示范中心内承担教学、技术、管理工作的非中心编制人员。（2）工作性质：教学、技术、管理、其他。（3）学位：博士、硕士、学士、其他，一般以学位证书为准。（4）备注：是否院士、博士生导师、杰出青年基金获得者、长江学者等，获得时间。

（三）本年度流动人员情况

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **姓名** | **性别** | **出生年份** | **职称** | **国别** | **工作单位** | **类型** | **工作期限** |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |

注：（1）流动人员：指在中心进修学习、做访问学者、行业企业人员、海内外合作教学人员等。（2）工作期限：在示范中心工作的协议起止时间。

（四）本年度教学指导委员会人员情况

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **姓名** | **性别** | **出生**  **年份** | **职称** | **职务** | **国别** | **工作单位** | **类型** | **参会次数** |
| 1 | 夏庆霖 | 男 | 1968 | 教授 | 主任 委员 | 中国 | 中国地质大学（武汉） | 校外专家 | 1 |
| 2 | 韩作振 | 男 | 1963 | 教授 | 委员 | 中国 | 山东科技大学 | 校外专家 | 1 |
| 3 | 王永诗 | 男 | 1964 | 教授级高工 | 委员 | 中国 | 胜利油田 | 校外专家 | 1 |
| 4 | 王延光 | 男 | 1963 | 教授级高工 | 委员 | 中国 | 胜利油田 | 校外专家 | 1 |
| 5 | 朱留芳 | 男 | 1964 | 教授级高工 | 委员 | 中国 | 胜利油田 | 校外专家 | 1 |
| 6 | 汤天知 | 男 | 1963 | 教授级高工 | 委员 | 中国 | 中油测井 | 校外专家 | 1 |
| 7 | 蒋有录 | 男 | 1957 | 教授 | 委员 | 中国 | 中国石油大学（华东） | 校内专家 | 1 |
| 8 | 印兴耀 | 男 | 1962 | 教授 | 委员 | 中国 | 中国石油大学（华东） | 校内专家 | 1 |
| 9 | 林承焰 | 男 | 1963 | 教授 | 委员 | 中国 | 中国石油大学（华东） | 校内专家 | 1 |
| 10 | 操应长 | 男 | 1969 | 教授 | 秘书长 | 中国 | 中国石油大学（华东） | 校内专家 | 1 |

注：（1）教学指导委员会类型包括校内专家、外校专家、企业专家和外籍专

家。（2）职务：包括主任委员和委员两类。（3）参会次数：年度内参加教学指导委员会会议的次数。

## 三、人才培养情况

（一）示范中心实验教学面向所在学校专业及学生情况

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号 | 面向的专业 | | 学生人数 | 人时数 |
| 专业名称 | 年级 |
| 1 | 资源勘查工程 | 18 | 24 | 480 |
| 2 | 资源勘查工程 | 19 | 393 | 9512 |
| 3 | 资源勘查工程 | 20 | 174 | 5064 |
| 4 | 资源勘查工程 | 21 | 221 | 10182 |
| 5 | 资源勘查工程 | 22 | 87 | 2436 |
| 6 | 石油工程 | 20 | 530 | 6036 |
| 7 | 全校公选 | 16.17.18.19.20 | 18 | 180 |
| 8 | 理科 | 20 | 3 | 18 |
| 9 | 勘查技术与工程 | 19 | 361 | 9142 |
| 10 | 勘查技术与工程 | 20 | 167 | 5318 |
| 11 | 勘查技术与工程 | 21 | 170 | 4464 |
| 12 | 地质学 | 19 | 138 | 3960 |
| 13 | 地质学 | 20 | 70 | 2800 |
| 14 | 地质学 | 21 | 137 | 6278 |
| 15 | 地质学 | 22 | 116 | 3896 |
| 16 | 地信 | 21 | 29 | 638 |
| 17 | 地球物理学 | 19 | 77 | 2084 |
| 18 | 地球物理学 | 20 | 42 | 1008 |
| 19 | 地球物理学 | 21 | 134 | 3398 |
| 20 | 地球物理学 | 22 | 57 | 1254 |
| 21 | 本研一体（石油类） | 20 | 32 | 896 |
| 22 | 本研一体（石油类） | 20 | 45 | 990 |
| 23 | 本研一体（地学类） | 19 | 137 | 3632 |
| 24 | 本研一体（地学类） | 20 | 50 | 2332 |
| 25 | 本研一体（地学类） | 21 | 24 | 1248 |
| 26 | 本研一体（地学类） | 22 | 25 | 700 |

注：面向的本校专业：实验教学内容列入专业人才培养方案的专业。

（二）实验教学资源情况

|  |  |
| --- | --- |
| 实验项目资源总数 | 469个 |
| 年度开设实验项目数 | 428个 |
| 年度独立设课的实验课程 | 3门 |
| 实验教材总数 | 25种 |
| 年度新增实验教材 | 0种 |

注：（1）实验项目：有实验讲义和既往学生实验报告的实验项目。（2）实验教材：由中心固定人员担任主编、正式出版的实验教材。（3）实验课程：在专业培养方案中独立设置学分的实验课程。

（三）学生获奖情况

|  |  |
| --- | --- |
| 学生获奖人数 | 23人 |
| 学生发表论文数 | 187篇 |
| 学生获得专利数 | 17项 |

注：（1）学生获奖：指导教师必须是中心固定人员，获奖项目必须是相关项目的全国总决赛以上项目。（2）学生发表论文：必须是在正规出版物上发表，通讯作者或指导老师为中心固定人员。（3）学生获得专利：为已批准专利，中心固定人员为专利共同持有人。

## 四、教学改革与科学研究情况

（一）承担教学改革任务及经费

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 项目/  课题名称 | 文号 | 负责人 | 参加人员 | 起止时间 | 经费（万元） | 类别 |
| 1 | 面向油气勘探未来技术发展的多层次跨学科人才培养体系研究 | CT2022001 | 刘华 | 张宪国，宗兆云，张立强，曹丹平，王健，张锋，吴孔友，郑珊珊，苏远大 | 2022-2024 | 3 | a类 |

注：（1）此表填写省部级以上教学改革项目（课题）名称：项目管理部门下达的有正式文号的最小一级子课题名称。（2）文号：项目管理部门下达文件的文号。（3）负责人：必须是中心固定人员。（4）参加人员：所有参加人员，其中研究生、博士后名字后标注\*，非本中心人员名字后标注＃。（5）经费：指示范中心本年度实际到账的研究经费。（6）类别：分为a、b两类，a类课题指以示范中心为主的课题；b类课题指本示范中心协同其他单位研究的课题。

（二）研究成果

1.专利情况

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **名称** | **专利授权号** | **获准国别** | **完成人** | **类型** |
| 1 | 基于随钻方位电磁波测井资料的地层界面实时提取方法 | CN108952690B | 中国 | 王磊;范宜仁;吴易智;操应长;邢涛 | 合作完成第一人 |
| 2 | 一种模拟油润湿碳酸盐胶结物对石油运聚影响的可视化方法 | CN110412203B | 中国 | 林敉若;王艳忠;李宇志;操应长;王淑萍;昝念民;解强旺;付永恒;董修宇;葸克来;远光辉;王健 | 合作完成第一人 |
| 3 | 基于深度学习频谱分割的动态自适应衰减补偿方法及系统 | CN111538087B | 中国 | 刘延利;李振春;王姣;孙苗苗;刘强 | 合作完成第一人 |
| 4 | 一种以单层泥岩为计算单元的断层侧向封闭性评价方法 | CN112946774B | 中国 | 王宇;蒋有录;赵凯;苏圣民 | 合作完成第一人 |
| 5 | OVT域数据转换成方位角度域成像道集的方法及系统 | CN111538084B | 中国 | 曹丹平;朱兆林;梁锴 | 合作完成第一人 |
| 6 | 一种分析天然气水合物稳定区边界处碳循环过程的方法及系统 | CN110456024B | 中国 | 杨金秀;齐宁;卢双舫;王民;卢明月;宋朋霖 | 合作完成第一人 |
| 7 | 一种“烃-水-岩”相互作用的热模拟综合实验方法 | CN110176165B | 中国 | 远光辉;靳子濠;操应长;刘可禹;王艳忠;葸克来 | 合作完成第一人 |
| 8 | 多分量地震资料保幅角度域共成像点道集提取方法及系统 | CN112462427B | 中国 | 谷丙洛;黄建平 | 合作完成第一人 |
| 9 | 一种基于低场核磁共振响应的岩石杨氏模量计算方法 | CN110057853B | 中国 | 葛新民;赵吉儿;范宜仁;刘建宇;刑东辉;邓少贵 | 合作完成第一人 |
| 10 | 一种地震资料角度域共成像点道集提取方法及系统 | CN112305615B | 中国 | 谷丙洛;黄建平 | 合作完成第一人 |
| 11 | 一种等时地层模型控制下的砂砾岩体岩相预测方法 | CN112180468B | 中国 | 周健;林承焰;李迪;韩长城 | 合作完成第一人 |
| 12 | 一种敏感核函数优化的全波形反演速度建模方法 | CN113138416B | 中国 | 杨继东;徐洁;黄建平;李振春;孙加星;田祎伟 | 合作完成第一人 |
| 13 | 基于族组分端元碳同位素定量解析深层复杂混源油的方法 | CN110672821B | 中国 | 何涛华;卢双舫;李文浩;唐佳凡;朱鹏飞;孙东权;应俊锋;王秀哲 | 合作完成第一人 |
| 14 | 基于NMR和LTNA的致密储层全尺寸孔隙定量表征方法 | CN109856176B | 中国 | 田伟超;卢双舫;黄文彪;肖佃师;徐健鹏;詹卓琛 | 合作完成第一人 |
| 15 | 一种测量纯矿物纳米级圆柱管内吸附态甲烷厚度的方法 | CN110849844B | 中国 | 陈方文;丁雪;郑强;卢双舫;赵红琴;谭雅文 | 合作完成第一人 |
| 16 | 一种浅层断层侧向封闭性评价方法 | CN112799147B | 中国 | 王宇;蒋有录;赵凯;苏圣民 | 合作完成第一人 |
| 17 | 一种基于声波远探测和岩石力学的裂缝有效性评价方法 | CN111580166B | 中国 | 唐晓明;李思亦;许松;苏远大;刘颖宇;孙福亭 | 合作完成第一人 |
| 18 | 一种模拟不同断块分布模式下流体渗流规律的装置 | CN113984630B | 中国 | 郝冉冉;吴智平;王永诗;王淼;张华锋;沈正春 | 合作完成第一人 |
| 19 | 六边形边界的水力压裂物理模拟试验装置及其试验方法 | CN110160877B | 中国 | 冯建伟;徐珂;商琳;王志坤 | 合作完成第一人 |
| 20 | 一种三维地震数据面波噪声压制方法 | CN111190226B | 中国 | 孙文之;李振春;曲英铭;刘畅;周昌;吾拉力;孙军治 | 合作完成第一人 |
| 21 | 一种判别玄武岩起源于EMⅠ型或EMⅡ型地幔的方法 | CN112382349B | 中国 | 孟凡超;刘浩毅;左耿超;田雨露;杜青;毛少华 | 合作完成第一人 |
| 22 | 一种基于三维地震波反向照明的动态采样全波形反演系统及方法 | CN111190224B | 中国 | 曲英铭;彭立德;黄崇棚;刘畅;周昌;陈振中;任镜儒;吾拉力;孙军治 | 合作完成第一人 |
| 23 | 一种黏弹各向异性双相介质区域变网格求解算子 | CN111257930B | 中国 | 曲英铭;彭立德;黄崇棚;李振春;陈振中;任镜儒 | 合作完成第一人 |
| 24 | 一种母岩对储层物性影响的评估方法 | CN110118720B | 中国 | 曲希玉;曹英权;王冠民;王清斌;陈思芮;张洋晨;高山 | 合作完成第一人 |
| 25 | 一种粒间压溶成因石英胶结物含量的评价方法 | CN110988004B | 中国 | 王文广;林承焰;林建力;张宪国;董春梅;任丽华;黄导武;段冬平;黄鑫 | 合作完成第一人 |
| 26 | 一种基于地质模型约束的全波形速度建模反演方法 | CN111290016B | 中国 | 张子良;李振春;张凯;王非翊 | 合作完成第一人 |
| 27 | 一种基于井孔与弹性波相互作用理论的邻井探测方法 | CN112068206B | 中国 | 唐晓明;古希浩;苏远大 | 合作完成第一人 |
| 28 | 基于核磁共振微缩传感器的地下空间水缘性灾害预警方法 | CN113450543B | 中国 | 徐吉钊;翟成;杨培强;范宜仁;孙勇;葛新民;吴飞;朱薪宇;王宇;黄婷;丛钰洲;郑仰峰;唐伟;李宇杰 | 合作完成第一人 |
| 29 | 一种片钠铝石在CO地质储存过程中的保存条件评价系统 | CN110133223B | 中国 | 李福来;刁浩;马文宽;段忠丰;巩亮 | 合作完成第一人 |
| 30 | 裂缝流体因子预测方法及系统 | CN112835101B | 中国 | 李林;张广智;陈康;张佳佳;狄贵东;王保丽;周游;蔺营 | 合作完成第一人 |
| 31 | 盐底劈构造带水合物稳定底界的二维数值模拟方法及系统 | CN108647461B | 中国 | 杨金秀;卢双舫;王民;薛海涛;肖佃师 | 合作完成第一人 |
| 32 | 一种深海环境下的全路径补偿一次波与多次波联合成像方法 | CN112083492B | 中国 | 曲英铭;黄建平;李振春;符力耘;刘畅;黄崇棚 | 合作完成第一人 |
| 33 | 一种改进型一步法三维CRS叠加方法 | CN112327364B | 中国 | 孙小东;候孟睿;王伟奇;彭冬冬 | 合作完成第一人 |
| 34 | 基于构造演化剖面的古构造应力场反演方法 | CN113011063B | 中国 | 汪必峰;刘子阳;李伟 | 合作完成第一人 |
| 35 | 一种数字岩芯等效弹性参数估算方法及装置 | CN111767650B | 中国 | 符力耘;简世凯;崔立杰 | 合作完成第一人 |
| 36 | 一种预压固体介质地震波传播有限差分模拟方法 | CN112904417B | 中国 | 符力耘;杨海迪;付博烨 | 合作完成第一人 |
| 37 | 一种利用正构烷烃残留率划分原油生物降解级别的方法 | CN111272936B | 中国 | 程付启;金强;蔡盼盼;王锐;单宝杰;王飞龙;于文 | 合作完成第一人 |
| 38 | 一种三维c-τ坐标系的圆锥波编码多震源最小二乘逆时偏移成像方法 | CN112083493B | 中国 | 曲英铭;黄崇棚;黄建平;李振春;刘畅;陈振中 | 合作完成第一人 |
| 39 | 一种评价井外不同方位下裂缝发育程度的方法 | CN112505766B | 中国 | 许松;申富豪;唐晓明;苏远大;陈雪莲 | 合作完成第一人 |
| 40 | 一种页岩含油饱和度评价模型、评价方法、应用 | CN112378943B | 中国 | 李明;王民;张金旭;李进步;徐亮;卢双舫 | 合作完成第一人 |
| 41 | 一种页岩气地层岩性识别方法、系统、存储介质、终端 | CN111425190B | 中国 | 肖佃师;卢双舫;陈方文;黄文彪;李吉君;陈红丽 | 合作完成第一人 |
| 42 | 一种粘滞性介质中声波地震数据正演模拟方法 | CN112327358B | 中国 | 慕鑫茹;黄建平;杨继东;庄苏斌;张韶舜 | 合作完成第一人 |
| 43 | 一种提高碳酸岩动静态杨氏模量转换模型精度的方法 | CN111666665B | 中国 | 张冉;孙天威;闫伟超;张鹏云 | 合作完成第一人 |
| 44 | 一种缝洞连通域检测与表征方法 | CN112085720B | 中国 | 张军华;王静;刘震;陈永芮;赵杰;胡陈康;李琴;王作乾;常健强;任陆庆 | 合作完成第一人 |
| 45 | 一种基于连续算子分裂的循环式极小化地震数据重建方法 | CN113341460B | 中国 | 兰南英;张繁昌;段成祥;单博;朱磊;唐杰;张佳佳 | 合作完成第一人 |
| 46 | 一种粘声TTI介质中纯qP波的逆时偏移成像方法 | CN112285778B | 中国 | 慕鑫茹;黄建平;杨继东;庄苏斌;张韶舜 | 合作完成第一人 |
| 47 | 一种基于多因素渗透率的火山岩高孔低渗储层储量计算方法 | CN113109888B | 中国 | 孙建孟;陈德坡;冯学银;杜玉山;张玲;吕世超;乌洪翠;闫伟超 | 合作完成第一人 |
| 48 | 一种利用孔隙、裂隙介质弹性波理论反演岩石孔隙分布特征的方法 | CN112505772B | 中国 | 唐晓明;王鹤鸣;苏远大;陈雪莲 | 合作完成第一人 |
| 49 | 一种预测正交各向异性储层裂缝的方法及存储介质 | CN113740896B | 中国 | 马正乾;印兴耀;李坤;向伟 | 合作完成第一人 |
| 50 | 一种二维多边形图元的矩形视窗剪裁绘图方法 | CN112837328B | 中国 | 邵才瑞;原野 | 合作完成第一人 |
| 51 | 一种泥页岩饱和水后各离心状态核磁共振T2谱校正方法 | CN112326710B | 中国 | 陈方文;丁雪;刘德才;谭雅文;郑强;卢双舫 | 合作完成第一人 |
| 52 | 一种弹性介质起伏地表菲涅耳束偏移成像方法 | CN113138418B | 中国 | 杨继东;田祎伟;黄建平;李振春;孙加星;徐洁 | 合作完成第一人 |
| 53 | 一种页岩微裂缝评价方法及其应用 | CN112946005B | 中国 | 王民;张金旭;周能武;卢双舫;李明;言语 | 合作完成第一人 |
| 54 | 一种无偏差的裂缝表征方法 | CN111311559B | 中国 | 符力耘;简世凯 | 合作完成第一人 |
| 55 | 基于稀疏包络的地震数据低频补偿方法及装置 | CN112666609B | 中国 | 杨森;吴国忱;印兴耀;宗兆云;曹丹平;单俊臻;刘宏英 | 合作完成第一人 |
| 56 | 砂岩孔径分布测定方法及其应用 | CN112284999B | 中国 | 刘可禹;路研 | 合作完成第一人 |
| 57 | 一种致密砂岩油水相对渗透率信息的表征方法及系统 | CN110296931B | 中国 | 李福来;王民;檀洪坤 | 合作完成第一人 |
| 58 | 一种复杂储层可压裂性评价方法 | CN112307601B | 中国 | 张冉;孙建孟;李庆峰;孙天威;李召成;李晓辉 | 合作完成第一人 |
| 59 | 一种利用正构烷烃损失率划分原油生物降解级别的方法 | CN111289667B | 中国 | 程付启;金强;于文;刘魁元;聂聪;陈容涛;徐进军 | 合作完成第一人 |
| 60 | 变热物性地震波传播模拟方法、系统、设备 | CN114442154B | 中国 | 王志伟;符力耘;王恩江;薛章纳;邓武兵;侯婉婷 | 合作完成第一人 |
| 61 | 叠前高角度快速傅里叶变换地震成像方法、系统、设备 | CN114428324B | 中国 | 符力耘;李卿卿;杜启振;王志伟 | 合作完成第一人 |
| 62 | 一种基于荧光分析技术的页岩含油量分析方法 | CN113218929B | 中国 | 赵建华;田雨;刘可禹;张雅琦;许格非 | 合作完成第一人 |
| 63 | 一种各向异性介质动态聚焦束偏移成像方法及系统 | CN112034520B | 中国 | 刘强;李振春;张敏;崔立杰;张凯;徐学成 | 合作完成第一人 |
| 64 | 一种基于硼中子俘获的井下套管损伤探测方法 | CN112179924B | 中国 | 张锋;邱飞;田立立;陈前;张笑瑒;范继林 | 合作完成第一人 |
| 65 | 一种元素产额与热中子计数比组合的孔隙度测量方法 | CN112904436B | 中国 | 张锋;邱飞;张慧;范继林;张笑瑒 | 合作完成第一人 |
| 66 | HTI介质准纵波正演模拟方法、装置、存储介质及处理器 | CN112764105B | 中国 | 吴国忱;张豪;印兴耀;宗兆云;曹丹平;张佳佳 | 合作完成第一人 |
| 67 | 高度可变的岩心柱的自吸加载装置及润湿性测量方法 | CN112213238B | 中国 | 张涛;蒙冕模;孙小惠;乔洪国 | 合作完成第一人 |
| 68 | 一种基于机器监督学习识别页岩纹层组合类型的方法 | CN112731544B | 中国 | 葸克来;张媛媛;操应长;王浩;林敉若;李克 | 合作完成第一人 |
| 69 | 螺旋缠绕光纤的DAS六分量地震信号解耦与恢复方法 | CN113176608B | 中国 | 曹丹平;尹教建;马国旗;律军军 | 合作完成第一人 |
| 70 | 地震波正演模拟方法、装置、存储介质及处理器 | CN112505775B | 中国 | 吴国忱;杨凌云;印兴耀;宗兆云;曹丹平;张佳佳 | 合作完成第一人 |
| 71 | 基于稀疏重建理论的方位各向异性弱信息提取方法 | CN112946741B | 中国 | 宋维琪;刘磊;张云银;高秋菊;魏欣伟 | 合作完成第一人 |
| 72 | 基于压缩感知的井约束地震低频恢复方法 | CN112558161B | 中国 | 孙苗苗;李振春;王姣;苏裕斐 | 合作完成第一人 |
| 73 | 从套管井声波测井中获取套管与水泥界面剪切耦合刚度的方法 | CN112162038B | 中国 | 陈雪莲;江灿;苏远大;李盛清;饶博;唐晓明 | 合作完成第一人 |
| 74 | 一种低渗岩石的驱替、稳态及瞬态渗透率测试装置及方法 | CN111307685B | 中国 | 张涛;杨升宇;蒙冕模;马斌玉;乔洪国;朱秀川 | 合作完成第一人 |
| 75 | 一种页岩孔隙水吸附量、游离量及其分布的评价方法 | CN109884109B | 中国 | 李俊乾;李文镖;卢双舫;张鹏飞;王思远;冯文俊 | 合作完成第一人 |
| 76 | 基于低频数据补偿的全波形反演速度建模方法 | CN113219532B | 中国 | 杨继东;孙加星;黄建平;李振春;田祎伟;徐洁 | 合作完成第一人 |
| 77 | 一种页岩油可动资源量的评价方法 | CN112487620B | 中国 | 王民;徐亮;李进步;李明;张金旭;刘良;杨金路;卢双舫 | 合作完成第一人 |
| 78 | 一种多重孔隙储层叠前地震概率化多道反演方法 | CN112965103B | 中国 | 李坤;印兴耀;宗兆云 | 合作完成第一人 |
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2.发表论文、专著情况

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **论文或专著名称** | **作者** | **刊物、出版社** | **卷、期（或章节）、页** | **类型** | **类别** |
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| 498 | Two-stage semi-supervised learning inversion for reservoir physical parameters | Song, Lei (1, 2, 3); Yin, Xingyao (1, 2, 3); Zong, Zhaoyun (1, 2, 3); Yu, Songhe (1, 2, 3); Sun, Hongchao (1, 2, 3) | Journal of Petroleum Science and Engineering | 216 | EI Compendex收录论文 | 合作完成-第一人 |
| 499 | Unsupervised contrastive learning for few-shot TOC prediction and application | Wang, Huijun (1); Lu, Shuangfang (2, 3); Qiao, Lu (1); Chen, Fangwen (1); He, Xipeng (4); Gao, Yuqiao (4); Mei, Junwei (4) | International Journal of Coal Geology | 259 | EI Compendex收录论文 | 合作完成-第一人 |
| 500 | Using digital rock physics to investigate the impacts of diagenesis events and pathways on rock properties | Wu, Yuqi (1, 2, 3, 4); Tahmasebi, Pejman (4); Lin, Chengyan (1, 2, 3); Dong, Chunmei (1, 2, 3) | Journal of Petroleum Science and Engineering | 208 | EI Compendex收录论文 | 合作完成-第一人 |
| 501 | Viscoacoustic wave equation for qP-wave in transversely isotropic media | Gu, Bingluo (1); Zhang, Shanshan (1); Duan, Peiran (1); Huang, Jianping (1); Han, Jianguang (2) | Journal of Applied Geophysics | 203 | EI Compendex收录论文 | 合作完成-第一人 |
| 502 | Wave dispersion and attenuation due to multi-scale wave-induced fluid flow in layered partially saturated pore-crack media | Xu, Miaomiao (1); Yin, Xingyao (1); Zong, Zhaoyun (1) | Journal of Petroleum Science and Engineering | 208 | EI Compendex收录论文 | 合作完成-第一人 |
| 503 | Wave-Equation-Based Q Tomography With Local Peak Frequency Shift Measurements | Ran, Yanan (1); Li, Qingqing (1); Fu, Li-Yun (1); Du, Qizhen (1); Zhang, Qingchen (2) | IEEE Transactions on Geoscience and Remote Sensing | 60 | EI Compendex收录论文 | 合作完成-第一人 |
| 504 | Well-Guided Multisource Elastic Full-Waveform Inversion | Li, Qingqing (1); Zhang, Qingchen (2); Du, Qizhen (1); Cheng, Shijun (3) | IEEE Transactions on Geoscience and Remote Sensing | 60 | EI Compendex收录论文 | 合作完成-第一人 |
| 505 | WOA (Whale Optimization Algorithm) Optimizes Elman Neural Network Model to Predict Porosity Value in Well Logging Curve | Sun, Youzhuang (1); Zhang, Junhua (1); Yu, Zhengjun (2); Liu, Zhen (1); Yin, Pengbo (1) | Energies | 15 | EI Compendex收录论文 | 合作完成-第一人 |

注：（1）论文、专著均限于教学研究、学术论文或专著，一般文献综述及一般教材不填报。请将有示范中心成员署名的论文、专著依次以国外刊物、国内重要刊物，外文专著、中文专著为序分别填报。（2）类型：SCI（E）收录论文、SSCI收录论文、A&HCL收录论文、EI Compendex收录论文、北京大学中文核心期刊要目收录论文、南京大学中文社会科学引文索引期刊收录论文（CSSCI）、中国科中心中国科学引文数据库期刊收录论文（CSCD）、外文专著、中文专著；国际会议论文集论文不予统计，可对国内发行的英文版学术期刊论文进行填报，但不得与中文版期刊同内容的论文重复。（3）外文专著：正式出版的学术著作。（4）中文专著：正式出版的学术著作，不包括译著、实验室年报、论文集等。（5）作者：所有作者，以出版物排序为准。

3.仪器设备的研制和改装情况

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **仪器设**  **备名称** | **自制或**  **改装** | **开发的功能和用途**  **（限100字以内）** | **研究成果**  **（限100字以内）** | **推广和应用的高校** |
| 1 | 声成像测井实验系统 | 自制 | 本系统能够分析不同介质下声波衰减和频散特征，可开展套管损伤及地层裂缝识别技术研究。 | 系统的购置将为不同介质下声成像测井研究与现场测井分析提供强有力支撑，可极大地提升实验教学创新能力的培养。 | 已用于本校《井筒声学基础》等课程的实验教学 |
| 2 | 聚焦阵列电阻率测量系统 | 自制 | 该仪器围绕薄层/互层、井周非均质性等高分辨率阵列探测，搭建直流电阻率测井实验平台。基于对称结构硬聚焦和多电极测量软聚焦思想，建立阵列电阻率模拟实验系统，通过灵活设置不同源距的直流电探测模块，优化设计仪器结构，调整各电极之间配置关系，掌握直流电阻率测井中硬聚焦和软聚焦原理，开展纵向高分辨探测和径向多探测深度探测，实现井周地层透明表征。 | 通过该类实验可以让学生体会仪器设计的主要思想和主要脉络，理解和掌握不同侧向类测井的相同和差异，理解和掌握多源电流场在不同地层中的相互作用，体会电阻率测量中电流聚焦的实际效果，对相关内容的理解非常有益。 | 已用于本校《电法测井》课程的教学实验 |

注：（1）自制：实验室自行研制的仪器设备。（2）改装：对购置的仪器设备进行改装，赋予其新的功能和用途。（3）研究成果：用新研制或改装的仪器设备进行研究的创新性成果，列举1－2项。

4.其它成果情况

|  |  |
| --- | --- |
| **名称** | **数量** |
| 国内会议论文数 | 49篇 |
| 国际会议论文数 | 41篇 |
| 国内一般刊物发表论文数 | 60篇 |
| 省部委奖数 | 7项 |
| 其它奖数 | 23项 |

注：国内一般刊物：除“（三）2”以外的其他国内刊物，只填汇总数量。

## 五、信息化建设、开放运行和示范辐射情况

（一）信息化建设情况

|  |  |  |
| --- | --- | --- |
| **中心网址** | http://pgp.geori.upc.edu.cn/ | |
| **中心网址年度访问总量** | 0.7万人次 | |
| **信息化资源总量** | 9600Mb | |
| **信息化资源年度更新量** | 3600Mb | |
| **虚拟仿真实验教学项目** | 1项 | |
| **中心信息化工作联系人** | **姓名** | 于翠玲 |
| **移动电话** | 18669753886 |
| **电子邮箱** | cuiupc@upc.edu.cn |

（二）开放运行和示范辐射情况

1.参加示范中心联席会活动情况

|  |  |
| --- | --- |
| 所在示范中心联席会学科组名称 | 地质组 |
| 参加活动的人次数 | 0 人次 |

2.承办大型会议情况

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **序号** | **会议名称** | **主办单位名称** | **会议**  **主席** | **参加**  **人数** | **时间** | **类型** |
| 1 | 地震成像国际研讨会 | 中国石油大学（华东） | 黄建平 | 500 | 2022年12月3-4日 | 国际性 |
| 2 | 第13届UPC测井新技术国际学术研讨会和“未来科学家”研究生国际学术论坛 | 山东省教育厅主办、中国石油大学（华东）承办 | 邓少贵 | 460 | 2022 年11月24-25日 | 全国性 |

注：主办或协办由主管部门、一级学会或示范中心联席会批准的会议。请按全球性、区域性、双边性、全国性等排序，并在类型栏中标明。

3.参加大型会议情况

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **大会报告名称** | **报告人** | **会议名称** | **时间** | **地点** |
| 1 | 科技论文写作与发表 | 刘可禹 | “未来科学家”研究生国际学术论坛 | 11月24-25日 | 青岛 |

注：大会报告：指特邀报告。

4.承办竞赛情况

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **竞赛名称** | **竞赛级别** | **参赛人数** | **负责人** | **职称** | **起止时间** | **总经费(万元)** |
|  |  |  |  |  |  |  |  |

注：竞赛级别按国家级、省级、校级设立排序。

5.开展科普活动情况

|  |  |  |  |
| --- | --- | --- | --- |
| **序号** | **活动开展时间** | **参加人数** | **活动报道网址** |
| 1 | 2022-11-23  2022-11-25 | 70 | <http://geori.upc.edu.cn/2022/1128/c3555a390702/page.htm>  http://geori.upc.edu.cn/2022/1128/c3555a390705/page.htm |
| 2 | 2022-11-11 | 55 | http://geori.upc.edu.cn/2022/1114/c3555a389262/page.htm |
| 3 | 2022-10-07 | 280 | http://geori.upc.edu.cn/2022/1010/c3555a385792/page.htm |
| 4 | 2022-07-07 | 150 | http://geori.upc.edu.cn/2022/0712/c3555a380286/page.htm |

6.承办培训情况

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号 | 培训项目名称 | 培训人数 | 负责人 | 职称 | 起止时间 | 总经费(万元) |
| 1 | 实验室安全知识培训讲座 | 80 | 苏远大 | 教授 | 10月27日 | 0.2 |

注：培训项目以正式文件为准，培训人数以签到表为准。

三）安全工作情况

|  |  |  |
| --- | --- | --- |
| 安全教育培训情况 | | 100 人次 |
| 是否发生安全责任事故 | | |
| 伤亡人数（人） | | 未发生 |
| 伤 | 亡 |
| 0 | 0 | 未发生 |

注：安全责任事故以所在高校发布的安全责任事故通报文件为准。如未发生安全责任事故，请在其下方表格打钩。如发生安全责任事故，请说明伤亡人数。