

Division	Preferred Education/ Credential		Number of Vacancies	Responsibilities & Accountabilities	Research Group	Contact Information	Location
	Major	Degree					
State Key Laboratory for Oxo Synthesis and Selective Oxidation	Chemistry & Chemical Engineering	Master/ Doctor	3	To conduct catalysis and quantitative research	Homogeneous Catalysis Research Group	XIA Chungu 0931-4968089 cgxia@lzb.ac.cn	Lanzhou/ Suzhou
	Physical Chemistry	Doctor	2	To conduct research on catalytic reaction	Research Group for Environmental Catalysis and Hydrogen Energy	LU Gongxuan 0931-4968178 gxlu@lzb.ac.cn	Lanzhou
	Chemical Reaction Engineering	Doctor	1	To conduct research on catalytic reaction			Lanzhou
	Chemical Reaction Engineering	Master	1	To conduct research on catalytic reaction			Lanzhou
	Physical chemistry	Doctor	1	To develop heterogeneous catalysts	Molecular Catalysis Research Group	CHEN Jing 0931-4968068 chenj@lzb.ac.cn	Lanzhou/ Suzhou
	Heterogeneous Catalysis and Selective Oxidation	Post-doc	1	To conduct basic research on theories of selective oxidation	Heterogeneous Selective Oxidation Research Group	WANG Xiaolai 0931-4968082 xlwang@licp.cas.cn	Lanzhou
	Physical Chemistry	Master/ Doctor	1	To synthesize new materials and develop catalytic reaction	Heterogeneous Selective Oxidation Research Group	CHOU Lingjun 0931-4968066 ljchou@licp.cas.cn	Lanzhou/ Suzhou
	Organic Chemistry	Master/ Doctor	2	To conduct research on homogeneous catalysis and organic synthesis	Organic Functional Materials Research Group	HUANG Hanmin 0931-4968326 Hmhuang@licp.cas.cn	Lanzhou
	Physical chemistry/ Organic chemistry	Doctor/ Master	1	To be in charge of various projects undertaken by the group	Organic Functional Materials Research	WANG Lailai 0931-4968161	Lanzhou

					Group	wll@licp.cas.cn	
	Catalysis	Master/ Doctor	1	To conduct research on preparation of nanomaterials and their application in catalytic reaction	Bionics and Biological Catalysts Research Group	SUN Wei 0931-4968278 wsun@licp.cas.cn	Lanzhou/ Suzhou
	Organic Synthesis	Master/ Doctor	2	To conduct research on asymmetric catalysis and study the methodology in organic reaction			Lanzhou/ Suzhou
	Organic Chemistry	Master/ Doctor	2	To develop new ligands and metal-organic catalysts and study their application in catalytic reaction	Homogeneous Catalysis Research Group	LI Fuwei 0931-4968528 fuweili@licp.cas.cn	Lanzhou/ Suzhou
	Catalysis/Material Science	Master/ Doctor	1	To prepare and characterize new carbon-based organic/inorganic hybrid materials and to study their application in catalytic reaction			Lanzhou/ Suzhou
	Material Chemistry and Physics	Doctor	1	To conduct research on preparation and performance evaluation of nanomaterials	Metal Carbonyl Materials Research Group	REN Sili 0931-4968051 slren@licp.cas.cn	Lanzhou/ Qingdao
	Colloid/Interface Chemistry	Doctor	1	To conduct research on surface and interface			Lanzhou/ Qingdao
	Chemistry and Chemical Engineering	Doctor	3	To conduct research on design and performance evaluation of catalytic materials	Metal Carbonyl Materials Research Group	HU Bin 0931-4968258 hcom@licp.cas.cn	Lanzhou/ Changchun
	Magnetic Materials	Doctor	2	To design and prepare new magnetic materials			Lanzhou/ Changchun
	Material Science	Doctor/ Master	3	To design and prepare new materials			Lanzhou/ Changchun

State Key Laboratory of Solid Lubrication	Surface Engineering	Doctor	2	To conduct research on design, preparation, performance evaluation and computational simulation of lubricating films and hard coatings	Space Lubricating Materials Research Group	HAO Junying 0931-4968236 jyhao@licp.cas.cn	Qingdao
	Surface Engineering	Master	1	To conduct research on design, preparation and performance evaluation of lubricating films and hard coatings			Qingdao
	Material Science	Doctor	1	To develop new energy storage materials	Tribology of Low Dimensional Materials Research Group	YAN Xingbin 0931-4968055 xbyan@licp.cas.cn	Qingdao
	Physical Chemistry	Doctor	1	To develop new energy storage materials			Lanzhou
	Material Science	Master	1	To conduct research on preparation and application of nanomaterials			Lanzhou
	Theoretical Calculation	Doctor	1	To conduct research on theoretical calculation, simulation and analysis of mechanical properties of various materials	Biomimetic Materials of Tribology Research Group	GUANG Zhiguang SHI Lei 0931-4968177 leishi@licp.cas.cn	Lanzhou/ Qingdao
	Material Science/ Chemistry	Doctor	1	To develop biomimetic tribological materials and study their performance			Lanzhou/ Qingdao
	Thin Film and Coating	Master	2	To develop PVD vacuum coating technology and device	Tribology of Low Dimensional Materials Research Group	WANG Liping 0931-4968080 1391923145 lpwang@licp.cas.cn	Lanzhou/ Qingdao
	Material Calculation	Doctor	1	To conduct research on finite element analysis and molecular dynamics in thin films and coating			Lanzhou
	Physical Chemistry	Doctor	1	To conduct research on preparation	High Temperature	BI Qinling	Lanzhou

				and performance evaluation of high temperature lubricating materials	Anti-wear Materials Research Group	0931-4968193 qlbin@licp.cas.cn	
	Material chemistry and Physics	Doctor	1	To conduct research on preparation and trigological performance of new polymer composite materials	Polymer Tribology Research Group	WANG Jinqing 0931-4968076 jqwang@licp.cas.cn	Lanzhou
	Material chemistry and Physics	Master	1	To conduct research on preparation and trigological performance of nanomaterials			Lanzhou
	Physics/Chemistry/ Material Science/ Mechanical Engineering	Doctor	1	To study physical, chemical, mechanical and tribological performances of nanostructured carbon like films, organic films, functional gradient electroplated coatings and nanomaterials	Nanostructured Films and Nano-lubricating Research Group	ZHANG Junyan 0931-4968295 zhangjunyan@licp.cas.cn junyanzh@yahoo.com	
	Physics/Chemistry/ Material Science/ Mechanical Engineering	Master	1	To study physical, chemical, mechanical and tribological performances of nanostructured carbon like films, organic films, functional gradient electroplated coatings and nanomaterials			
	Metal Materials	Master/Doctor	1	To study high temperature lubricating materials	High Temperature Anti-wear Materials Research Group	JIA Junhong 0931-4968611 jhjia@licp.cas.cn	Lanzhou/ Qingdao
	Material Science/ Physics Chemistry	Doctor	1	To study functional films			Lanzhou/ Qingdao
	Physics/Chemistry/ Material Science	Doctor	2	To conduct research on surface engineering of materials	Space Lubricating Materials Research	LIANG Jun 0931-4968381	Lanzhou

					Group	jliang@licp.cas.cn	
	Surface and Interface	Doctor	1	To develop anti-fouling coating	Surface/interface Research Group	HU Haiyuan 0931-4968079 hyhu@licp.cas.cn	Lanzhou
	Water Lubrication	Doctor	1	To develop ionic liquid and biomimetic lubricating materials		Qingdao	
	Organic Synthesis/ Mechanical Engineering	Master	1	To conduct research on organic synthesis, tribological and mechanical fields	Research Group for Tribology and Lubrication of Lubricating Oil and Additives	XIA Yanqiu 0931-4968163 xxli@lzb.ac.cn	Lanzhou
	Organic Synthesis/ Mechanical Engineering	Doctor	1	To conduct research on organic synthesis, tribological and mechanical fields			Lanzhou
		Master or above	10	To conduct research on new lubricating additives and high performance lubricating oil	Industrial Lubrication Research Group	WANG Xaiobo 18919198822 wangxb@licp.cas.cn	Qingdao
	Material Science	Master/ Doctor	1	To prepare new fullerene derivatives and study their heat-induced liquid crystal	Functional Carbon Materials Research Group	LI Hongguang 13145478986 hgli@licp.cas.cn	Lanzhou/ Qingdao
	Material Science	Master	1	To prepare new fullerene derivatives and study their heat-induced liquid crystal			
	Colloid and Interface Chemistry	Master/ Doctor	1	To construct new amphiphilic molecule systemS and study their self-aggregation			
National Engineering Research Center of Fine Petrochemical Intermediates	Chemistry	Doctor	1	To conduct research on homogeneous/heterogeneous catalysis, chemistry and chemical process	Research Group for Preparation of Valeraldehyde Through	ZHAO Peiqing zhaopq@licp.cas.cn 0931-4968688 18952609688	Lanzhou

					Carbonylation of Butene		
	Physical Chemistry	Doctor	1	To prepare nonferrous metal nanomaterials	Research Group of Carbonyl Powder Materials and Catalysts	QI Yanqing 0931-4968190 qiyx@licp.cas.cn	Lanzhou
	Organic Chemistry	Doctor	1	To conduct research on synthetic techniques of medicine			Lanzhou
	Physical Chemistry	Doctor	2	To develop nanomaterial for energy and study their environmental catalytic performance	Energy and Environmental Nanomaterials Research Group	BI Yingpu 0931-4968651 yingpubi@licp.cas.cn	Lanzhou
	Physical chemistry	Master	2	To develop nanomaterial for energy and study their environmental catalytic performance			Lanzhou
CAS Key Laboratory of Chemistry of Northwestern Plant Resources / Key Laboratory of Natural Medicines of Gansu Province	Analytical Chemistry	Doctor	1	To conduct research on new materials and methods for drug separation	Research Group for Chemical Components of Pharmaceuticals	SHI Yanping 0931-4968208 shiyp@licp.cas.cn	Lanzhou
	Natural Medicinal Chemistry	Doctor	1	To conduct research on chemical components and biologically active compounds of plant resources and Chinese patent medicine			Lanzhou
	Organic Chemistry	Doctor	1	To conduct research on chemical derivatization of organic compounds and natural products	Research Group for Molecular Recognition in Drug	GUO Yong 0931-4968274 guoyong@licp.cas.cn	Lanzhou
	Analytical Chemistry	Doctor	1	To conduct research on molecular recognition and develop new separation and analysis methods			Lanzhou
	Analytical Chemistry	Doctor	1	To develop new extraction and analysis and method for complicated systems	Research Group for Separation Materials	LIU Xia 0931-4968203	Lanzhou

	Analytical Chemistry	Doctor	1	To conduct research on extraction and analysis performance evaluation of oil filed chemicals		gsluixia@licp.cas.cn	Lanzhou
	Analytical Chemistry	Master or above	1	To conduct research on isolation and characterization of complex samples			Lanzhou
	Analytical Chemistry	Doctor	1	To develop new extraction and analysis methods for complex natural medicine and to construct quality control methods and standards for traditional Chinese medicine			Lanzhou
	Chemical Engineering/ Chemistry of Traditional Chinese Medicine	Doctor	1	To develop methods for extraction of effective components from natural products	Research Group for Technology Standard for Drug	DI Duolong 0931-4968248 didl@licp.cas.cn	Qingdao
	Chemical Engineering/ Chemistry of Traditional Chinese Medicine	Master	1	To develop methods for extraction of effective components from natural products			Qingdao
	Organic Synthesis	Doctor	1	To conduct research on synthesis and structural modification of target molecules			Lanzhou
	Pharmaceutics	Master or above	1	To develop new medicine and construct research on preparation, technology design and improvement of plant pesticide	Research Group for Plant Allelopathy	QIN Bo 0931-4968372 bqin@licp.cas.cn	Lanzhou
	Chemistry and	Master or	1	To conduct research on small			Lanzhou

	Chemical Engineering	above		experiment, pilot-scale experiment and technology design of laboratory results			
R&D Center of Lubricating and Protecting Materials	Material Science/ Mechanical Engineering	Master or above	2	To conduct research on solid lubricating thin films	Research Group for Lubricating Thin Films Prepared via Physical Vapor Deposition	WENG Lijun 0931-4968003 wenglj@licp.cas.cn	Lanzhou
	Composite Materials	Master	1	To develop and produce composite materials products	Composite Lubricating Materials Research Group	ZHANG Zhaozhu 13919805268 zzzhang@licp.cas.cn	Lanzhou
	Polymer Composite Materials	Doctor	1	To develop functional polymer materials	Polymer Self-lubricating Materials Research Group	WANG Tingmei 0931-4968252 tmwang@licp.cas.cn	Lanzhou
	Mechanical Manufacturing and Automation	Master	1	To design tribological testing system and precision mould; To conduct research on analysis and test of lubricating materials and device	Research Group for Composite Lubricating Materials	WANG Honggang 0931-4968022 hgwang@licp.cas.cn	Lanzhou
	Material Science and Engineering	Master/ Doctor	1	To design and prepare composite materials; To conduct research on structure and performance of lubricating materials			Lanzhou
	Material Science/ Mechanical Engineering and related fields	Doctor/ Master	1	To conduct research on powder injection molding based micro manufacturing; To conduct research on design,	Research Group of Metal-matrix High Temperature Lubricating Materials	MENG Junhu 0931-4968378 jhmeng@licp.cas.cn	Lanzhou



				preparation and application of metal and ceramic based high temperature lubricating materials;			
R&D Center of Green Chemistry and Catalysis	Chemistry	Doctor	1	To develop ionic liquids	Research Group of Green Catalysis	DENG Youquan 0931-4968116 ydeng@licp.cas.cn	Lanzhou
	Chemistry	Doctor	1	To conduct research on non-phosgene process			Lanzhou
	Chemistry	Master	1	To be in charge of large scale synthesis of ionic liquids			Lanzhou
R&D Center of Eco-materials and Eco-chemistry	Inorganic Chemistry	Doctor/ Master	1	To conduct research on inorganic compound modification of attapulgite clay, bentonite, sepiolite, etc.	Research Group for Functional Composite Materials	WANG Aiqin 0931-4968118 aqwang@licp.cas.cn	First 3 years will be in Xuyi of Jiangsu province
	Material Science	Doctor/ Master	1	To conduct research on structure and hydro-thermal synthesis of attapulgite clay;			First 3 years will be in Xuyi of Jiangsu province
	Polymer Chemistry	Doctor	1	To conduct research on organic/inorganic composite water-saving materials;			Lanzhou and Qingdao
	Material Chemistry	Doctor	1	To conduct research on three dimensional network composite adsorbents;			Lanzhou and Qingdao
	Material Science	Doctor	1	To conduct research on solar energy optical-thermal conversion material and device;	Photo-thermal Materials Research Group	LIU Gang 0931-4968866 gangliu@licp.cas.cn	Lanzhou and Qingdao
	Food Science and	Doctor	1	To conduct research on denaturated	Research Group of		Lanzhou and

	Engineering/ Chemistry and Chemical Engineering			starch;	Materials and Agricultural Engineering		Qingdao
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