

# 学位授权点建设年度报告

(2023 )

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2024 03 25

# 一、学位授权点基本情况

1950

1984

2000

2010

1987

1994

2001 1

2004

2009 2

2010

2018

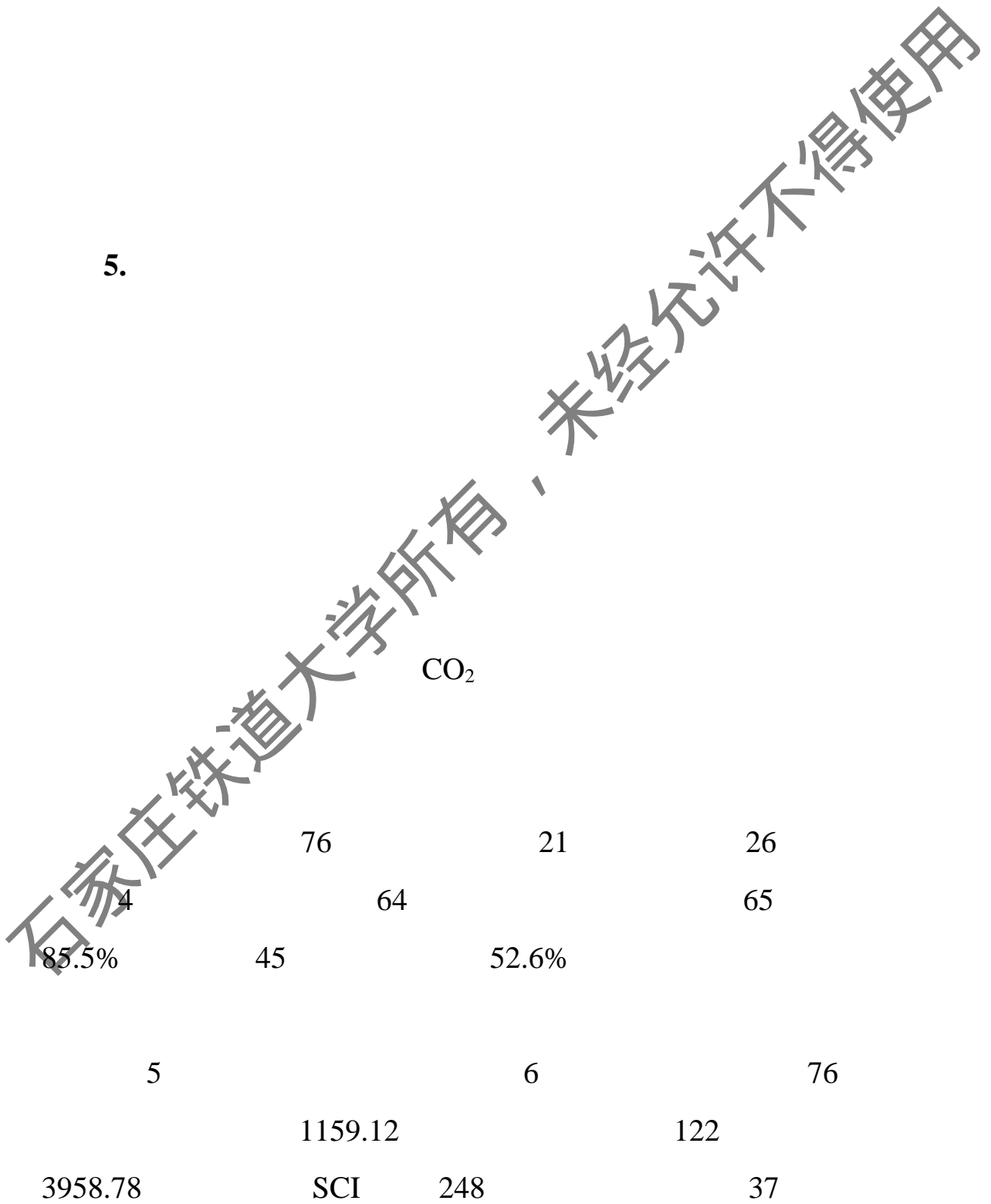
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1	/	II	-
2	-		-
3	ZrTiAl		-
4			-NSAF
5			-
6			-

2

1	Optimization of pitting corrosion resistance of TC4-30Zr alloy by laser surface remelting	2023-09-23	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	SCI
2	Numerical simulation on diffusion reaction behavior of concrete under sulfate chloride coupled attack	2023-09-20	Construction and Building Materials	SCI
3	Phase engineering of inorganic halide Cs Pb Br perovskites for advanced energy conversion	2023-09-09	Journal of Materials Chemistry A	SCI
4	Microstructure and properties of high-entropy diboride composites prepared by pressureless sintering	2023-08-15	Journal of Alloys and Compounds	SCI
5	Novel ZnO/BiOI nanorod photoanode with interface p-n heterojunction and excellent photoelectric conversion efficiency for photocathodic protection of stainless steel	2023-07-23	Colloids and Surfaces A: Physicochemical and Engineering Aspects	SCI

6	High-Efficiency Photoelectric Regulation of Resistive Switching Memory in Perovskite Quantum Dots	2023-06-30	Acta Phys. -Chim. Sin.	SCI
7	Identification of railway subgrade defects based on ground penetrating radar	2023-06-21	Scientific Reports	SCI
8	Effect of Zr on microstructure and properties of TC4 alloy fabricated by laser additive manufacturing	2023-05-31	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY- JMR&T	SCI
9	Effect of SIS block copolymers on damping properties of natural rubber/ AO-80 and the performance enhancement mechanism: experimental study and molecular dynamics simulation	2023-05-23	Colloids and Surfaces A: Physicochemical and Engineering Aspects	SCI
10	Chloride transport resistance of alkali-activated concrete exposed to combined chloride, sulfate and carbonation environment	2023-01-13	Construction and Building Materials	SCI
11	Super-tough and self-healable all-cellulose-based electrolyte for fast degradable quasi-solid-state supercapacitor	2022-12-30	Carbohydrate polymers	SCI
12	Biocompatible carboxymethyl cellulose-based super-elastic hierarchical sponge via a novel templating and plasticizing method	2022-12-03	Carbohydrate polymer	SCI
13	A novel (CaO/CeO <sub>2</sub> )@CeO <sub>2</sub> composite adsorbent based on microinjection titration-calcination strategy for CO <sub>2</sub> adsorption			

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	structure and its decomposition pathway	09-17	COMMUNICATIONS	
20	Hydrogen-Bonding-Assisted Toughening of Hierarchical Carboxymethyl Cellulose Hydrogels for Biomechanical Sensing	2021-08-03	carbohydrate polymers	SCI
21	Exploring abundantly synergic effects of K-Cu supported paper catalysts using TiO <sub>2</sub> -ZrO <sub>2</sub> mesoporous fibers as matrix towards soot efficient oxidation	2021-08-01	Chemical Engineering Journal	SCI

22 All-

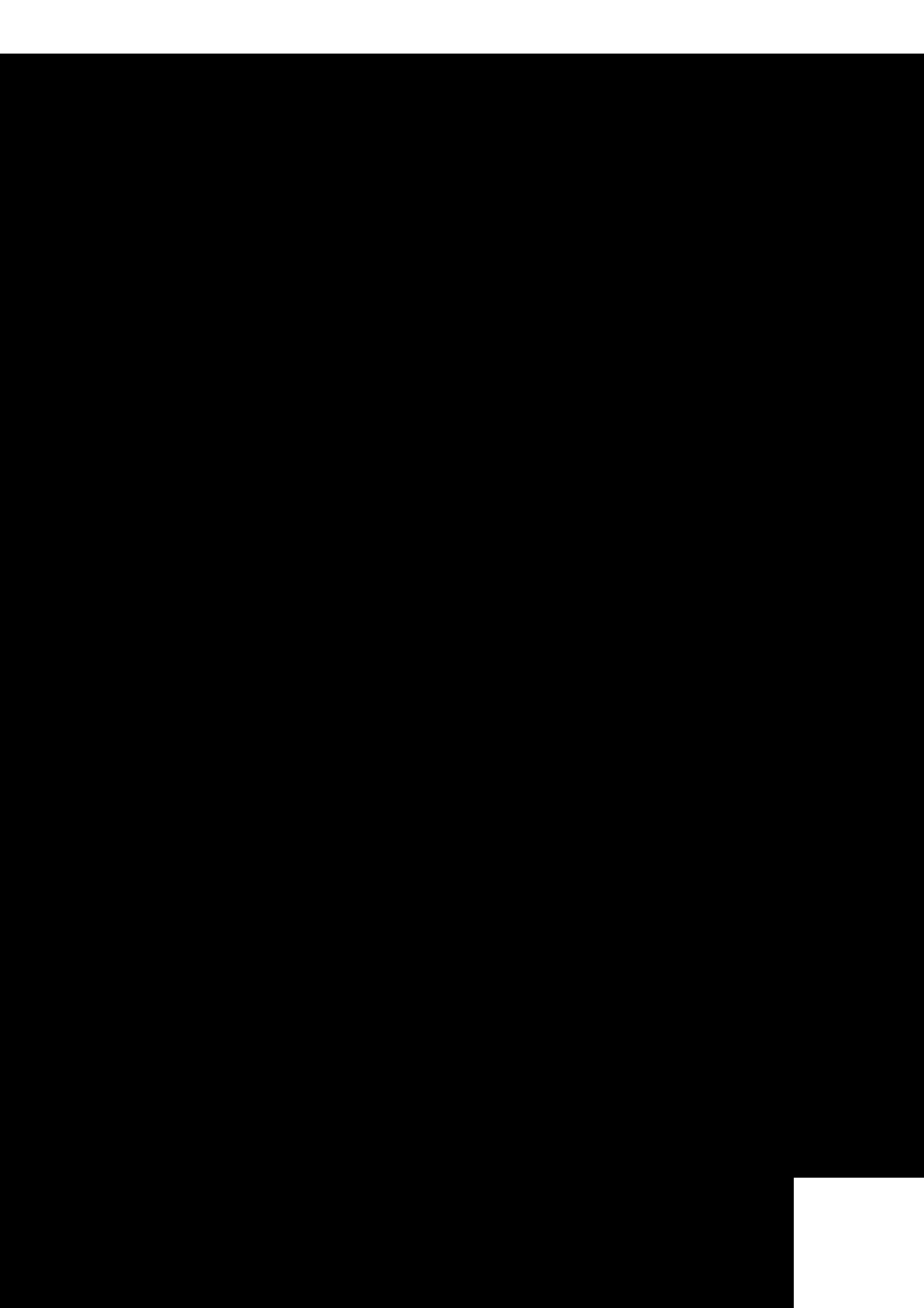
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	novel Fe-based Li-rich cathode material prepared by molten salt method for lithium-ion batteries	06-30	Chemistry	
34	High-efficiency magnetic modulation in Ti/ZnO/Pt resistive random-access memory devices using amorphous zinc oxide film	2019-05-17	Applied Surface Science	SCI
35	Highly flexible, robust, stable and high efficiency perovskite solar cells enabled by van der Waals epitaxy on mica substrate	2019-03-19	Nano Energy	SCI
36	Facile strategies to utilize FeSO <sub>4</sub> ·7H <sub>2</sub> O waste slag for LiFePO <sub>4</sub> /C cathode with high performances	2019-03-15	Journal of the Taiwan Institute of Chemical Engineers	SCI
37	Enhanced electrochemical sensitivity towards plasticizer determination based on ferrocene- end-cap dendrimer functionalized graphene oxide electrochemical sensor	2019-03-08	Sensors & Actuators: B. Chemical	SCI

3

1				1	1	2021-01-11
2				2	2	2019-04-08
3				3	2	2021-05-13
4				4	9	2022-03-26
5				4	3	2020-04-23
6				1	1	2021-10-21
7				1	1	2021-06-01
8				1	1	2021-04-01
9				1	1	2020-12-15





2023

300

113



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### 三、学位授权点建设存在的问题

#### 四、下一年度建设计划

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