

# Claude Code Configuration for APaper

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# **Configuration Details**

# Settings Overview

```
.claude/settings.json
{
  "permissions": {
    "allow": ["WebFetch", "WebSearch", "Write", "Bash",
"Edit", "MultiEdit"],
    "defaultMode": "allowEdits"
  },
  "enableAllProjectMcpServers": true,
  "env": {},
  "includeCoAuthoredBy": true
}
```

# Settings Overview

## Key Features:

- Comprehensive tool permissions for research workflows
- Automatic MCP server integration
- Co-authored commit attribution

# Custom Commands

## Academic Research Commands

### *Paper Search*

`/search-papers` - Multi-platform search

Supports:

- IACR ePrint Archive
- Google Scholar
- Crossref
- CryptoBib

# Custom Commands

## Academic Research Commands

### *Crypto Research*

`/crypto-research` - Specialized assistant

#### Features:

- IACR paper analysis
- Research trend identification
- Bibliography management

# Custom Commands

## Academic Research Commands

### *Writing Assistant*

`/wpaper` - Academic writing enhancement

#### Capabilities:

- Language optimization
- Technical precision
- Methodology descriptions

# MCP Integration

## Available Tools

- `mcp__all-in-mcp__search-iacr-papers`
- `mcp__all-in-mcp__search-google-scholar-papers`
- `mcp__all-in-mcp__search-crossref-papers`
- `mcp__all-in-mcp__search-cryptobib-papers`
- `mcp__all-in-mcp__download-iacr-paper`
- `mcp__all-in-mcp__read-iacr-paper`
- `mcp__all-in-mcp__read-pdf`



# **Setup Instructions**

# Prerequisites

1. **Install UV:** `curl -Lsf https://astral.sh/uv/install.sh | sh`
2. **Create virtual environment:** `uv venv`
3. **Install MCP tools:** `uv pip install all-in-mcp`

# Claude MCP Configuration

## Project-Specific Configuration

```
.mcp.json
{
  "mcpServers": {
    "all-in-mcp": {
      "command": "uv",
      "args": ["run", "all-in-mcp"]
    }
  },
}
```

# Usage Examples

## Research Workflow

# Search for papers

`/search-papers` "zero knowledge proofs" on IACR

# Analyze findings

`/crypto-research` analyze trends in ZKP

# Enhance writing

`/wpaper` methodology "Our protocol consists of..."

**Thanks**