APaper: Auto analysis research direction

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2025-06-30

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Auto Analysis Research Direction

Example Usage

```
/find-paper "post-quantum cryptography implementation"
```

Agent Workflow Output:

1. Search IACR for PQC papers (15 results)
2. Verify quality via CryptoBib (12 validated)
3. Deep analysis of top 5 papers
4. Generate structured research summary

Research Direction Analysis Process

The `/find-paper` command demonstrates a systematic AI agent
workflow for academic research analysis:

Step 1: Primary Literature Search

IACR ePrint Archive

```
mcp__all-in-mcp__search-iacr-papers
```
• Premier cryptographic research venue
• Real-time access to latest papers
• Comprehensive metadata extraction

Research Direction Analysis Process

The `/find-paper` command demonstrates a systematic AI agent workflow for academic research analysis:

Step 1: Primary Literature Search

Multi-Platform Coverage

- Extract: title, authors, abstract
- Filter: publication year, relevance
- Rank: by methodological alignment

Research Direction Analysis Process

Step 2: Quality Verification

`mcp__all-in-mcp__search-cryptobib-papers`

- Validates peer-review status
- Ensures academic quality standards
- Filters out non-indexed publications

Research Direction Analysis Process

Step 3: Deep Content Analysis

```
mcp__all-in-mcp__read-iacr-paper
```

- Extracts key contributions
- Analyzes methodological approaches
- Identifies research gaps and opportunities

Workflow Benefits

Systematic Approach

- Eliminates research bias
- Ensures comprehensive coverage
- Maintains quality standards

AI-Powered Efficiency

- Automated relevance scoring
- Instant cross-referencing
- Structured output generation

Thanks