

Trace ID: abc123  
Research Query:  
neuromorphic computing

Span 1:  
orchestrator.receive\_query  
Duration: 2ms  
user: researcher, query:  
neuro

Span 2:  
a2a.delegate\_to\_litmonitor  
Duration: 300ms  
agent: lit-monitor

Span 3: mcp.call\_zotero  
Duration: 250ms  
tool: search\_papers

Span 5:  
litmonitor.filter\_relevant  
Duration: 40ms  
filtered: 10 papers

Span 4:  
zotero.query\_database  
Duration: 200ms  
results: 50 papers

Span 6:  
orchestrator.synthesize\_summary  
Duration: 50ms  
llm\_tokens: 1500

Total Duration: 350ms  
Cost: \$0.02 LLM tokens