

This automatically generated digest highlights trending topics and recent papers with enhanced analysis.

## ■ Trending Topics Analysis

Topic	Recent	Baseline	Growth	Momentum	Novelty	Strength
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3	26	0	26.00	26.00	1.00	702.00
7	18	0	18.00	18.00	1.00	342.00
4	15	0	15.00	15.00	1.00	240.00
5	10	0	10.00	10.00	1.00	110.00
9	10	0	10.00	10.00	1.00	110.00
1	7	0	7.00	7.00	1.00	56.00
6	6	0	6.00	6.00	1.00	42.00
8	6	0	6.00	6.00	1.00	42.00

### ■ Trend Insights

- **\*\*Most Dynamic Topic\*\***: Topic 3 shows the highest trend strength (702.00)
- **\*\*Growth Leader\*\***: Topic 3 with 26.00 growth rate
- **\*\*Emerging Field\*\***: Topic 3 appears to be a newly emerging research area

## ■ Topic Deep Dive

### Topic 3

**\*\*■ Trend Metrics:\*\***

- Recent Papers: 26
- Growth Rate: 26.00
- Momentum Score: 26.00
- Novelty: 1.00

**\*\*■ Synopsis:\*\*** Second, we train transformer models via supervised learning and evaluate them across fo

**\*\*■ Key Terms:\*\*** models, tasks, intern, source, training, reasoning, data, learning

**\*\*■ Coherence Score:\*\*** 2.47

Published	Title	Authors	Category
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2025-08-21	Discovering Hidden Algebraic Structures via Transformers with Rank-Aware Beam GRPO		
2025-08-21	Intern-S1: A Scientific Multimodal Foundation Model	Lei Bai, Zhongrui Cai, Maosong Cao,	
2025-08-21	LiveMCP-101: Stress Testing and Diagnosing MCP-enabled Agents on Challenging Queries		
2025-08-21	Language-Guided Tuning: Enhancing Numeric Optimization with Textual Feedback	Yuxing	
2025-08-21	Neural Robot Dynamics	Jie Xu, Eric Heiden, Iretiayo Akinola, Dieter Fox, Miles Macklin, Ya	

### Topic 7

**\*\*■ Trend Metrics:\*\***

- Recent Papers: 18
- Growth Rate: 18.00
- Momentum Score: 18.00
- Novelty: 1.00

**\*\*■ Synopsis:\*\*** Scaling Group Inference for Diverse and High-Quality Generation. In this work, we propos

**\*\*■ Key Terms:\*\*** generation, image, video, quality, models, visual, high, resolution

**\*\*■ Coherence Score:\*\*** 4.71

Published	Title	Authors	Category
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2025-08-21	Scaling Group Inference for Diverse and High-Quality Generation	Gaurav Parmar, Or Pata	
2025-08-21	CineScale: Free Lunch in High-Resolution Cinematic Visual Generation	Haonan Qiu, Ning	
2025-08-21	Visual Autoregressive Modeling for Instruction-Guided Image Editing	Qingyang Mao, Qi Ca	
2025-08-21	Waver: Wave Your Way to Lifelike Video Generation	Yifu Zhang, Hao Yang, Yuqi Zhang, \	
2025-08-21	A 16.28 ppm/\$^\circ\$C Temperature Coefficient, 0.5V Low-Voltage CMOS Voltage Referen		

### Topic 4

**\*\*■ Trend Metrics:\*\***

- Recent Papers: 15
- Growth Rate: 15.00
- Momentum Score: 15.00
- Novelty: 1.00

**\*\*■ Synopsis:\*\*** Quantum cohomology of variations of GIT quotients and flips. Skymion Lattice Order Con

**\*\*■ Key Terms:\*\*** spin, structures, transverse, model, charge, skyrmion, kirigami, metamaterials

**\*\*■ Coherence Score:\*\*** 1.89

Published	Title	Authors	Category
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2025-08-21	Quantum cohomology of variations of GIT quotients and flips	Zhaoxing Gu, Song Yu, Tony	
2025-08-21	Skymion Lattice Order Controlled by Confinement Geometry	Raphael Gruber, Jan Rothör	
2025-08-21	PyKirigami: An interactive Python simulator for kirigami metamaterials	Qinghai Jiang, Gary	
2025-08-21	The nine model category structures on the category of sets	Omar Antolín-Camarena, Tobia	
2025-08-21	Orientation dependent anomalous Hall and spin Hall currents at the junctions of altermagne		

## ■■ Analysis Methodology

This report uses advanced trend detection algorithms including:

- **\*\*Multi-window Analysis\*\***: Recent (7 days) vs Baseline (7 days) vs Extended (14 days)
- **\*\*Growth Metrics\*\***: Rate of change, acceleration, and momentum scoring
- **\*\*Novelty Detection\*\***: Identification of emerging research areas

- **Topic Coherence**: Semantic analysis of topic consistency
- **Keyword Extraction**: Automated identification of key research terms