

# Abhilash Patel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/631436/publications.pdf>

Version: 2024-02-01

13  
papers

133  
citations

1937685

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1720034

7  
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15  
all docs

15  
docs citations

15  
times ranked

125  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Analysis and Design of a Wide-Area Damping Controller for Inter-Area Oscillation With Artificially Induced Time Delay. IEEE Transactions on Smart Grid, 2019, 10, 3654-3663. | 9.0 | 38        |
| 2  | Synchronized Versus Non-Synchronized Feedback for Speed-Based Wide-Area PSS: Effect of Time-Delay. IEEE Transactions on Smart Grid, 2018, 9, 3976-3985.                      | 9.0 | 28        |
| 3  | Inter-area oscillation damping with non-synchronised wide-area power system stabiliser. IET Generation, Transmission and Distribution, 2018, 12, 3070-3078.                  | 2.5 | 28        |
| 4  | Wide-Area Damping Control Resilience Towards Cyber-Attacks: A Dynamic Loop Approach. IEEE Transactions on Smart Grid, 2021, 12, 3438-3447.                                   | 9.0 | 27        |
| 5  | Assessment of Robustness to Temperature in a Negative Feedback Loop and a Feedforward Loop. ACS Synthetic Biology, 2020, 9, 1581-1590.                                       | 3.8 | 4         |
| 6  | Design of wide-area controller for damping inter-area oscillation in power system. , 2016, , .   |     | 2         |
| 7  | A study on wide-area controller design for inter-area oscillation damping. , 2016, , .   |     | 2         |
| 8  | On amplitude-timescale constraints in a pulse generating biomolecular circuit. , 2018, , .   |     | 2         |
| 9  | Computational Framework for Design of a Pulse Generating Biomolecular Circuit. IFAC-PapersOnLine, 2020, 53, 220-225.   | 0.9 | 1         |
| 10 | Non-normality can facilitate pulsing in biomolecular circuits. IET Systems Biology, 2018, 12, 199-204.   | 1.5 | 1         |
| 11 | Selection of overlapping interactions through approximate decentralised fixed mode measure. International Journal of Systems Science, 0, , 1-12.                             | 5.5 | 0         |
| 12 | Wide-area damping controller for randomly varying delay: a dynamic output feedback approach. , 2021, , 1-33.   |     | 0         |
| 13 | Experimental evidence for constraints in amplitude-timescale co-variation of a biomolecular pulse generating circuit design. IET Systems Biology, 2020, 14, 217-222.         | 1.5 | 0         |