

# Shridhar Jayanthi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4450821/publications.pdf>

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9  
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2258059

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times ranked

295  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Retroactivity Controls the Temporal Dynamics of Gene Transcription. ACS Synthetic Biology, 2013, 2, 431-441.                                 | 3.8 | 143       |
| 2 | Retroactivity Attenuation in Bio-Molecular Systems Based on Timescale Separation. IEEE Transactions on Automatic Control, 2011, 56, 748-761. | 5.7 | 68        |
| 3 | Tuning Genetic Clocks Employing DNA Binding Sites. PLoS ONE, 2012, 7, e41019.  | 2.5 | 31        |
| 4 | Influence of Time-of-Flight Kernel Accuracy in TOF-PET Reconstruction. , 2006, , .   |     | 27        |
| 5 | On the compromise between retroactivity attenuation and noise amplification in gene regulatory networks. , 2009, , .                         |     | 16        |
| 6 | Retroactivity attenuation in transcriptional networks: Design and analysis of an insulation device. , 2008, , .                              |     | 10        |
| 7 | Efficient 3D TOF PET Reconstruction Using View-Grouped Histo-Images: DIRECT - Direct Image Reconstruction for TOF. , 2006, , .               |     | 5         |
| 8 | Tuning an activator-repressor clock employing retroactivity. , 2011, , .   |     | 4         |
| 9 | Design of an insulation device using phosphotransfer systems. , 2010, , .  |     | 0         |