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**Education:**

PhD: 2009, Institute of Theoretical Physics, Chinese Academy of Sciences

BSc: 2005, University of Science and Technology of China

**Employment:**

2015.01 – present, Assistant Professor, Hong Kong University of Science and Technology

2013 – 2015, Stephen Hawking Advanced Fellow, University of Cambridge

2012 – 2013, project researcher, University of Tokyo

2009 – 2012, postdoctoral fellow, McGill University,

**Research Interests:** Cosmology and Theoretical High Energy Physics, especially model independent tests of inflation, the theory of the inflationary perturbations, the initial condition of the quantum universe and the particle spectrum of the very early universe.

**Awards and Distinctions:**

- Stephen Hawking Advanced Fellowship (2013)
- Institute of Particle Physics Fellowship (2009)
- Merit scholarship program for foreign students (2009)
- President Scholarship, Chinese Academy of Sciences (2009)
- First Rank Scholarship, Institute of Theoretical Physics, Chinese Academy of Sciences (2009)
- Second Prize, Young Scholars Competition of the New Vision 400 Conference (2008)
- Excellent Students Awards, Chinese Academy of Sciences (2007)
- Excellent Graduate of the Province (2005)

**Service:**

- Journal referee:  
Physics Review Letters, Physics Review D, Journal of Cosmology and Astroparticle Physics, Journal of High Energy Physics, International Journal of Modern Physics D, Physics Letter B, Nuclear Physics B, Classical and Quantum Gravity, Foundations of Physics
- Guest editor of a special issue at International Journal of Modern Physics D (in preparation)
- Guest editor and contributor of the popular science book series “100,000 Whys” 6th edition, Juvenile & Children’s Publishing House (2013).

**Recent Plenary Talks:**

- “Probing High Energy Particle Physics via Inflation”, at the conference AdS/CFT, self-adjoint extension and the resolution of cosmological singularities, Montreal, Canada, July 2015
- “Towards the Physical Vacuum of Cosmic Inflation”, at the conference Cosmology as a Fundamental Physics Lab, Ningbo, China, September 2015
- “Quantum Primordial Standard Clocks”, 12<sup>th</sup> International Symposium on Cosmology and Particle Astrophysics (CosPA) 2015, Daejeon, Korea, October 2015
- “Quantum Primordial Standard Clocks”, Cosmology Workshop, Sun Yat-sen University, Guangzhou, China, December 2015

**Other Invited and Contributed Talks:**

University of Amsterdam, Banff International Research Station, University of Cambridge, Canadian Institute of Theoretical Astrophysics, the Chinese University of Hong Kong, Gottingen University, Institut Astrophysique de Paris, Hong Kong University of Science and Technology, Imperial College, Kavli Institute for the Physics and Mathematics of the Universe, University of Kentucky, University of Kyoto, Korea Institute for Advanced Study, Kavli Institute of Theoretical Physics China, Lancaster University, Ludwig Maximilian University, Laboratoire de Physique Théorique (Paris), McGill University, Manchester University, Nanjing University, Nottingham University, Peking University, Perimeter Institute, Portsmouth, Queen Mary, Sun Yat-sen University, Sussex, University of Tokyo, University of Science and Technology of China and Utrecht University

**Public Lectures:**

- “Gravitational Waves, Merging Black Holes and the LIGO Discovery”, School of Science, HKUST, February 2016.
- “Gravitational Waves, Merging Black Holes and the LIGO Discovery”, Postgraduate Association Reading Club of City University of Hong Kong, February 2016
- “Gravitational Waves, Merging Black Holes and the LIGO Discovery”, at a popular science website Guokr.com delivered through WeChat, February 2016.
- “A Tale of Time and Space”, HKUST Info Day, September 2015.

**Teaching and Supervision:**

- PHYS6810D: Introduction to Quantum Field Theory, HKUST (2016)
- PHYS2022: Modern Physics, HKUST (2015)
- PHYS2023: Modern Physics Laboratory, HKUST (2015)
- PHYS6810C: Advanced Cosmology, HKUST (2015)
- Lecture series on Mathematica Programming, University of Cambridge (2014)
- Lecturer of the 7<sup>th</sup> Asian Winter School on Strings, Particles and Cosmology (2013)
- Physics 743: The Very Early Universe (Co-lecturer), McGill University (2012)
- Supervisor of 3 postgraduate students:  
2 for PhD program      1 for MPhil program
- Supervisor of undergraduate student reading and research programs:  
International Research Enrichment Programs (4 students)  
Undergraduate Research Opportunities Program (2 students)  
Capstone Projects (4 students)  
Directed Studies in Physics (3 students)

## Summary of Publication Records:

Number of published papers in refereed journals: 57, including

|   |  |
|---|--|
| 38 on JCAP (impact factor: 5.810)         | 8 on Phys. Rev. D (impact factor: 4.643) |
| 3 on Phys. Lett. B (impact factor: 6.131) | 1 on JHEP (impact factor: 6.111)         |
| 7 on other journals                       |  |

Citations of research work:

|                 |                             |
|-----------------|-----------------------------|
| Google Scholar: | 2049 citations, h-index: 22 |
| INSPIRE HEP:    | 2241 citations, h-index: 24 |
| Web of Science: | 1557 citations, h-index: 19 |

In 2016, our research was selected as the [cover story of HKUST](http://goo.gl/lhl9ek) (short URL: [goo.gl/lhl9ek](http://goo.gl/lhl9ek)). The research was also reported by [Center for Astrophysics, Harvard](http://goo.gl/Ahflmc) ([goo.gl/Ahflmc](http://goo.gl/Ahflmc)), and over 60 media/websites, for example [Daily Mail](http://goo.gl/7FZlWp) ([goo.gl/7FZlWp](http://goo.gl/7FZlWp)), [Wen Wei Po](http://goo.gl/b8pSOe) ([goo.gl/b8pSOe](http://goo.gl/b8pSOe)) and [Ta Kung Pao](http://goo.gl/6ncLSa) ([goo.gl/6ncLSa](http://goo.gl/6ncLSa)). In 2009 our research was reported by [New Scientist](http://goo.gl/fDTHn5) ([goo.gl/fDTHn5](http://goo.gl/fDTHn5)) and [Science Watch](http://goo.gl/ljmb1P) ([goo.gl/ljmb1P](http://goo.gl/ljmb1P)).

## Book

1) *Dark Energy*, Miao Li, Xiaodong Li, Shuang Wang, Yi Wang, published in 2012 by Peking University Press, and in 2014 by World Scientific as Volume 1 of the Peking University –World Scientific Advanced Physics Series.

## List of Journal Publications and Preprints

1) *Fluctuations in a Cosmology with a Space-Like Singularity and their Gauge Theory Dual Description*, Robert H. Brandenberger, Yi-Fu Cai, Sumit R. Das, Elisa G. M. Ferreira, Ian A. Morrison, Yi Wang. arXiv:1601.00231 [hep-th].

2) *Echoes of Inflationary Particle Phase Transitions in the CMB*, Hongliang Jiang, Tao Liu, Sichun Sun, Yi Wang. arXiv:1512.07538 [astro-ph.CO].

3) *Quantum Primordial Standard Clocks*, Xingang Chen, Mohammad Hossein Namjoo, Yi Wang. arXiv:1509.03930 [astro-ph.CO]. [10.1088/1475-7516/2016/02/013](https://arxiv.org/abs/10.1088/1475-7516/2016/02/013). JCAP 1602 (2016) 02, 013.

4) *Towards the physical vacuum of cosmic inflation*, Hongliang Jiang, Yi Wang. arXiv:1507.05193 [hep-th].

5) *On the equation-of-motion versus in-in approach in cosmological perturbation theory*, Xingang Chen, Mohammad Hossein Namjoo, Yi Wang. arXiv:1505.03955 [astro-ph.CO]. [10.1088/1475-7516/2016/01/022](https://arxiv.org/abs/10.1088/1475-7516/2016/01/022). JCAP 1601 (2016) 01, 022.

6) *Inflation with Massive Vector Fields*, Junyu Liu, Yi Wang, Siyi Zhou. arXiv:1502.05138 [hep-th]. [10.1088/1475-7516/2015/08/033](https://arxiv.org/abs/10.1088/1475-7516/2015/08/033). JCAP 1508 (2015) 033.

7) *Nonuniqueness of classical inflationary trajectories on a high-dimensional landscape*, Junyu Liu, Yi Wang, Siyi Zhou. arXiv:1501.06785 [hep-th]. [10.1103/PhysRevD.91.103525](https://arxiv.org/abs/10.1103/PhysRevD.91.103525). Phys.Rev. D91 (2015) 10, 103525.

8) *CMB Cold Spot from Inflationary Feature Scattering*, Yi Wang, Yin-Zhe Ma. arXiv:1501.00282 [astro-ph.CO].

9) *Models of the Primordial Standard Clock*, Xingang Chen, Mohammad Hossein Namjoo, Yi Wang. arXiv:1411.2349 [astro-ph.CO]. [10.1088/1475-7516/2015/02/027](https://arxiv.org/abs/10.1088/1475-7516/2015/02/027). JCAP 1502 (2015) 02, 027.

10) *Inflationary power asymmetry from primordial domain walls*, Sadra Jazayeri, Yashar Akrami, Hassan Firouzjahi, Adam R. Solomon, Yi Wang. arXiv:1408.3057 [astro-ph.CO]. [10.1088/1475-7516/2014/11/044](https://arxiv.org/abs/10.1088/1475-7516/2014/11/044). JCAP 1411 (2014) 044.

11) *CMB statistical anisotropies of classical and quantum origins*, Xingang Chen, Razieh Emami, Hassan Firouzjahi, Yi Wang. arXiv:1408.2096 [astro-ph.CO]. [10.1088/1475-7516/2015/04/021](https://arxiv.org/abs/10.1088/1475-7516/2015/04/021). JCAP 1504 (2015) 04, 021.

12) *Precision of future experiments measuring primordial tensor fluctuation*, Yi Wang, YinZhe Ma. arXiv:1406.1615 [astro-ph.CO]. [10.1007/s11433-014-5510-5](https://arxiv.org/abs/10.1007/s11433-014-5510-5). Sci.China Phys.Mech.Astron. 57 (2014) 1466-1470.

13) *Statistical Anisotropies in Gravitational Waves in Solid Inflation*, Mohammad Akhshik, Razieh Emami, Hassan Firouzjahi, Yi Wang. arXiv:1405.4179 [astro-ph.CO]. [10.1088/1475-7516/2014/09/012](https://arxiv.org/abs/10.1088/1475-7516/2014/09/012). JCAP 1409 (2014) 012.

14) *Testing quantum gravity effects with latest CMB observations*, Yi-Fu Cai, Yi Wang. arXiv:1404.6672 [astro-ph.CO]. [10.1016/j.physletb.2014.06.019](https://arxiv.org/abs/10.1016/j.physletb.2014.06.019). Phys.Lett. B735 (2014) 108-111.

15) *Scalar-tensor anticross-correlation does not help to reconcile the tension between BICEP2 and Planck*, Razieh Emami, Hassan Firouzjahi, Yi Wang. arXiv:1404.5112 [astro-ph.CO]. [10.1103/PhysRevD.90.021301](https://arxiv.org/abs/10.1103/PhysRevD.90.021301). Phys.Rev. D90 (2014) 2, 021301.

16) *The TT, TB, EB and BB correlations in anisotropic inflation*, Xingang Chen, Razieh Emami, Hassan Firouzjahi, Yi Wang. arXiv:1404.4083 [astro-ph.CO]. [10.1088/1475-7516/2014/08/027](https://arxiv.org/abs/10.1088/1475-7516/2014/08/027). JCAP 1408 (2014) 027.

17) *Inflation and Alternatives with Blue Tensor Spectra*, Yi Wang, Wei Xue. arXiv:1403.5817 [astro-ph.CO]. [10.1088/1475-7516/2014/10/075](https://arxiv.org/abs/10.1088/1475-7516/2014/10/075). JCAP 1410 (2014) 10, 075.

- 18) *Reconstructing the Local Potential of Inflation with BICEP2 data*, Yin-Zhe Ma, Yi Wang. arXiv:1403.4585 [astro-ph.CO]. [10.1088/1475-7516/2014/09/041](https://arxiv.org/abs/10.1088/1475-7516/2014/09/041). JCAP 1409 (2014) 09, 041.
- 19) *A no-go theorem for generalized vector Galileons on flat spacetime*, Cedric Deffayet, A.Emir Gümrükçüoğlu, Shinji Mukohyama, Yi Wang. arXiv:1312.6690 [hep-th]. [10.1007/JHEP04\(2014\)082](https://arxiv.org/abs/10.1007/JHEP04(2014)082). JHEP 1404 (2014) 082.
- 20) *MathGR: a tensor and GR computation package to keep it simple*, Yi Wang. arXiv:1306.1295 [cs.MS].
- 21) *Non-Bunch-Davies statistical anisotropies*, Xingang Chen, Yi Wang. arXiv:1306.0609 [hep-th]. [10.1088/1475-7516/2014/07/004](https://arxiv.org/abs/10.1088/1475-7516/2014/07/004). JCAP 1407 (2014) 004.
- 22) *Relic Vector Field and CMB Large Scale Anomalies*, Xingang Chen, Yi Wang. arXiv:1305.4794 [astro-ph.CO]. [10.1088/1475-7516/2014/10/027](https://arxiv.org/abs/10.1088/1475-7516/2014/10/027). JCAP 1410 (2014) 10, 027.
- 23) *Position Space CMB Anomalies from Multi-Stream Inflation*, Yi Wang. arXiv:1304.0599 [astro-ph.CO]. [10.1088/1475-7516/2013/10/006](https://arxiv.org/abs/10.1088/1475-7516/2013/10/006). JCAP 1310 (2013) 006.
- 24) *Large Local Non-Gaussianity from General Single-field Inflation*, Qing-Guo Huang, Yi Wang. arXiv:1303.4526 [hep-th]. [10.1088/1475-7516/2013/06/035](https://arxiv.org/abs/10.1088/1475-7516/2013/06/035). JCAP 1306 (2013) 035.
- 25) *Inflation, Cosmic Perturbations and Non-Gaussianities*, Yi Wang. arXiv:1303.1523 [hep-th]. [10.1088/0253-6102/62/1/19](https://arxiv.org/abs/10.1088/0253-6102/62/1/19). Commun.Theor.Phys. 62 (2014) 109-166.
- 26) *Dark Energy: A Brief Review*, Miao Li, Xiao-Dong Li, Shuang Wang, Yi Wang. arXiv:1209.0922 [astro-ph.CO]. [10.1007/s11467-013-0300-5](https://arxiv.org/abs/10.1007/s11467-013-0300-5). Front.Phys.China 8 (2013) 828-846.
- 27) *Anomalous High Energy Dependence in Inflationary Density Perturbations*, Xingang Chen, Yi Wang. arXiv:1207.0100 [hep-th].
- 28) *Scale-Invariant Fluctuations from Galilean Genesis*, Yi Wang, Robert Brandenberger. arXiv:1206.4309 [hep-th]. [10.1088/1475-7516/2012/10/021](https://arxiv.org/abs/10.1088/1475-7516/2012/10/021). JCAP 1210 (2012) 021.
- 29) *Quasi-Single Field Inflation with Large Mass*, Xingang Chen, Yi Wang. arXiv:1205.0160 [hep-th]. [10.1088/1475-7516/2012/09/021](https://arxiv.org/abs/10.1088/1475-7516/2012/09/021). JCAP 1209 (2012) 021.
- 30) *Multi-Stream Inflation in a Landscape*, Francis Duplessis, Yi Wang, Robert Brandenberger. arXiv:1201.0029 [hep-th]. [10.1088/1475-7516/2012/04/012](https://arxiv.org/abs/10.1088/1475-7516/2012/04/012). JCAP 1204 (2012) 012.
- 31) *Canny Algorithm: A New Estimator for Primordial Non-Gaussianities*, Rebecca J. Danos, Andrew R. Frey, Yi Wang. arXiv:1108.2265 [astro-ph.CO].

[10.1103/PhysRevD.86.043526](#). Phys.Rev. D86 (2012) 043526.

32) *Odd-dimensional de Sitter Space is Transparent*, Philip Lagogiannis, Alexander Maloney, Yi Wang. arXiv:1106.2846 [hep-th].

33) *Chain Inflation Reconsidered*, James M. Cline, Guy D. Moore, Yi Wang. arXiv:1106.2188 [hep-th]. [10.1088/1475-7516/2011/08/032](#). JCAP 1108 (2011) 032.

34) *Angular 21 cm Power Spectrum of a Scaling Distribution of Cosmic String Wakes*, Oscar F. Hernandez, Yi Wang, Robert Brandenberger, Jose Fong. arXiv:1104.3337 [astro-ph.CO]. [10.1088/1475-7516/2011/08/014](#). JCAP 1108 (2011) 014.

35) *Dark Energy*, Miao Li, Xiao-Dong Li, Shuang Wang, Yi Wang. arXiv:1103.5870 [astro-ph.CO]. [10.1088/0253-6102/56/3/24](#). Commun.Theor.Phys. 56 (2011) 525-604.

36) *A Theory of a Spot*, Niayesh Afshordi, Anze Slosar, Yi Wang. arXiv:1006.5021 [astro-ph.CO]. [10.1088/1475-7516/2011/01/019](#). JCAP 1101 (2011) 019.

37) *Large Nonlocal Non-Gaussianity from a Curvaton Brane*, Yi-Fu Cai, Yi Wang. arXiv:1005.0127 [hep-th]. [10.1103/PhysRevD.82.123501](#). Phys.Rev. D82 (2010) 123501.

38) *Quadra-Spectrum and Quint-Spectrum from Inflation and Curvaton Models*, Chunshan Lin, Yi Wang. arXiv:1004.0461 [astro-ph.CO]. [10.1088/1475-7516/2010/07/011](#). JCAP 1007 (2010) 011.

39) *Quantum UV/IR Relations and Holographic Dark Energy from Entropic Force*, Miao Li, Yi Wang. arXiv:1001.4466 [hep-th]. [10.1016/j.physletb.2010.03.042](#). Phys.Lett. B687 (2010) 243-247.

40) *Towards a Holographic Description of Inflation and Generation of Fluctuations from Thermodynamics*, Yi Wang. arXiv:1001.4786 [hep-th].

41) *Multi-Stream Inflation: Bifurcations and Recombinations in the Multiverse*, Yi Wang. arXiv:1001.0008 [hep-th].

42) *Non-Gaussianity from false vacuum inflation: Old curvaton scenario*, Jinn-Ouk Gong, Chunshan Lin, Yi Wang. arXiv:0912.2796 [astro-ph.CO]. [10.1088/1475-7516/2010/03/004](#). JCAP 1003 (2010) 004.

43) *Quasi-Single Field Inflation and Non-Gaussianities*, Xingang Chen, Yi Wang. arXiv:0911.3380 [hep-th]. [10.1088/1475-7516/2010/04/027](#). JCAP 1004 (2010) 027.

44) *Fluctuations in a Horava-Lifshitz Bouncing Cosmology*, Xian Gao, Yi Wang, Wei Xue,

Robert Brandenberger. arXiv:0911.3196 [hep-th]. [10.1088/1475-7516/2010/02/020](https://arxiv.org/abs/10.1088/1475-7516/2010/02/020). JCAP 1002 (2010) 020.

45) *Probing interaction and spatial curvature in the holographic dark energy model*, Miao Li, Xiao-Dong Li, Shuang Wang, Yi Wang, Xin Zhang. arXiv:0910.3855 [astro-ph.CO]. [10.1088/1475-7516/2009/12/014](https://arxiv.org/abs/10.1088/1475-7516/2009/12/014). JCAP 0912 (2009) 014.

46) *Large non-Gaussianities with Intermediate Shapes from Quasi-Single Field Inflation*, Xingang Chen, Yi Wang. arXiv:0909.0496 [astro-ph.CO]. [10.1103/PhysRevD.81.063511](https://arxiv.org/abs/10.1103/PhysRevD.81.063511). Phys.Rev. D81 (2010) 063511.

47) *Cosmological Perturbations in Horava-Lifshitz Gravity*, Xian Gao, Yi Wang, R. Brandenberger, A. Riotto. arXiv:0905.3821 [hep-th]. [10.1103/PhysRevD.81.083508](https://arxiv.org/abs/10.1103/PhysRevD.81.083508). Phys.Rev. D81 (2010) 083508.

48) *Large Primordial Trispectra in General Single Field Inflation*, By Xingang Chen, Bin Hu, Min-xin Huang, Gary Shiu, Yi Wang. arXiv:0905.3494 [astro-ph.CO]. [10.1088/1475-7516/2009/08/008](https://arxiv.org/abs/10.1088/1475-7516/2009/08/008). JCAP 0908 (2009) 008.

49) *Non-Commutativity, Teleology and GRB Time Delay*, Miao Li, Yi Pang, Yi Wang. arXiv:0904.1079 [gr-qc]. [10.1016/j.physletb.2009.11.032](https://arxiv.org/abs/10.1016/j.physletb.2009.11.032). Phys.Lett. B682 (2010) 334-336.

50) *Multi-Stream Inflation*, Miao Li, Yi Wang. arXiv:0903.2123 [hep-th]. [10.1088/1475-7516/2009/07/033](https://arxiv.org/abs/10.1088/1475-7516/2009/07/033). JCAP 0907 (2009) 033.

51) *K-essence explains a Lorentz violation experiment*, Miao Li, Yi Pang, Yi Wang. arXiv:0903.0227 [gr-qc]. [10.1103/PhysRevD.79.125016](https://arxiv.org/abs/10.1103/PhysRevD.79.125016). Phys.Rev. D79 (2009) 125016.

52) *Holographic Gas as Dark Energy*, Miao Li, Xiao-Dong Li, Chunshan Lin, Yi Wang. arXiv:0811.3332 [hep-th]. [10.1088/0253-6102/51/1/35](https://arxiv.org/abs/10.1088/0253-6102/51/1/35). Commun.Theor.Phys. 51 (2009) 181-186.

53) *Curvaton Dynamics and the Non-Linearity Parameters in Curvaton Model*, Qing-Guo Huang, Yi Wang. arXiv:0808.1168 [hep-th]. [10.1088/1475-7516/2008/09/025](https://arxiv.org/abs/10.1088/1475-7516/2008/09/025). JCAP 0809 (2008) 025.

54) *Consistency Relations for Non-Gaussianity*, Miao Li, Yi Wang. arXiv:0807.3058 [hep-th]. [10.1088/1475-7516/2008/09/018](https://arxiv.org/abs/10.1088/1475-7516/2008/09/018). JCAP 0809 (2008) 018.

55) *Eternal Inflation: Prohibited by Quantum Gravity?* Yi Wang. arXiv:0805.4520 [hep-th].

56) *Non-Gaussianity, Isocurvature Perturbation, Gravitational Waves and a No-Go Theorem for Isocurvaton*, Miao Li, Chunshan Lin, Tower Wang, Yi Wang. arXiv:0805.1299 [astro-ph]. [10.1103/PhysRevD.79.063526](https://arxiv.org/abs/10.1103/PhysRevD.79.063526). Phys.Rev. D79 (2009) 063526.



- 57) *Some Issues Concerning Holographic Dark Energy*, Miao Li, Chunshan Lin, Yi Wang. arXiv:0801.1407 [astro-ph]. [10.1088/1475-7516/2008/05/023](https://doi.org/10.1088/1475-7516/2008/05/023). JCAP 0805 (2008) 023.
- 58) *General Single Field Inflation with Large Positive Non-Gaussianity*, Miao Li, Tower Wang, Yi Wang. arXiv:0801.0040 [astro-ph]. [10.1088/1475-7516/2008/03/028](https://doi.org/10.1088/1475-7516/2008/03/028). JCAP 0803 (2008) 028.
- 59) *String Gas Cosmology and Non-Gaussianities*, Bin Chen, Yi Wang, Wei Xue, Robert Brandenberger. arXiv:0712.2477 [hep-th]. The Universe 3 (2015) 3, 2-10.
- 60) *Inflationary nonGaussianity from thermal fluctuations*, Bin Chen, Yi Wang, Wei Xue. arXiv:0712.2345 [hep-th]. [10.1088/1475-7516/2008/05/014](https://doi.org/10.1088/1475-7516/2008/05/014). JCAP 0805 (2008) 014.
- 61) *Hawking-Moss Tunneling in Noncommutative Eternal Inflation*, Yi-Fu Cai, Yi Wang. arXiv:0711.4423 [gr-qc]. [10.1088/1475-7516/2008/01/001](https://doi.org/10.1088/1475-7516/2008/01/001). JCAP 0801 (2008) 001.
- 62) *Typicality, freak observers and the anthropic principle of existence*, Miao Li, Yi Wang. arXiv:0708.4077 [hep-th].
- 63) *Eternal Chaotic Inflation is Prohibited by Weak Gravity Conjecture*, Qing-Guo Huang, Miao Li, Yi Wang. arXiv:0707.3471 [hep-th]. [10.1088/1475-7516/2007/09/013](https://doi.org/10.1088/1475-7516/2007/09/013). JCAP 0709 (2007) 013.
- 64) *Generalized space-time noncommutative inflation*, Wei Xue, Bin Chen, Yi Wang. arXiv:0706.1843 [hep-th]. [10.1088/1475-7516/2007/09/011](https://doi.org/10.1088/1475-7516/2007/09/011). JCAP 0709 (2007) 011.
- 65) *A Stochastic Measure for Eternal Inflation*, Miao Li, Yi Wang. arXiv:0706.1691 [hep-th]. [10.1088/1475-7516/2007/08/007](https://doi.org/10.1088/1475-7516/2007/08/007). JCAP 0708 (2007) 007.
- 66) *Is Noncommutative Eternal Inflation Possible?* Yi-Fu Cai, Yi Wang. arXiv:0706.0572 [hep-th]. [10.1088/1475-7516/2007/06/022](https://doi.org/10.1088/1475-7516/2007/06/022). JCAP 0706 (2007) 022.
- 67) *The Measure for the Multiverse and the Probability for Inflation*, Miao Li, Yi Wang. arXiv:0704.1026 [hep-th]. [10.1088/1475-7516/2007/06/012](https://doi.org/10.1088/1475-7516/2007/06/012). JCAP 0706 (2007) 012.
- 68) *Inflation with Holographic Dark Energy*, Bin Chen, Miao Li, Yi Wang. astro-ph/0611623. [10.1016/j.nuclphysb.2007.04.007](https://doi.org/10.1016/j.nuclphysb.2007.04.007). Nucl.Phys. B774 (2007) 256-267.
- 69) *Inflation with High Derivative Couplings*, Bin Chen, Miao Li, Tower Wang, Yi Wang. astro-ph/0610514. [10.1142/S0217732307025212](https://doi.org/10.1142/S0217732307025212). Mod.Phys.Lett. A22 (2007) 1987-1994.