

# BingKan Xue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7208209/publications.pdf>

Version: 2024-02-01

10  
papers

348  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits of phenotypic plasticity for population growth in varying environments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12745-12750.	7.1	75
2	Nonperturbative analysis of the evolution of cosmological perturbations through a nonsingular bounce. Physical Review D, 2013, 88, .	4.7	52
3	Environment-to-phenotype mapping and adaptation strategies in varying environments. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13847-13855.	7.1	49
4	Evolution of curvature and anisotropy near a nonsingular bounce. Physical Review D, 2011, 84, .	4.7	46
5	Unstable Growth of Curvature Perturbations in Nonsingular Bouncing Cosmologies. Physical Review Letters, 2010, 105, 261301.	7.8	41
6	Evolutionary learning of adaptation to varying environments through a transgenerational feedback. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11266-11271.	7.1	29
7	Bacterial Growth Control Mechanisms Inferred from Multivariate Statistical Analysis of Single-Cell Measurements. Current Biology, 2021, 31, 955-964.e4.	3.9	24
8	Bet Hedging against Demographic Fluctuations. Physical Review Letters, 2017, 119, 108103.	7.8	19
9	Nongenetic individuality, changeability, and inheritance in bacterial behavior. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
10	Regularization of the big bang singularity with random perturbations. Classical and Quantum Gravity, 2018, 35, 065013.	4.0	2