



宓东

教授

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教育背景

中国科学技术大学理学博士（1997）
大连理工大学理学硕士（1993）
山东师范大学理学学士（1989）

研究领域

1. 量子理论中的基本问题
2. 辐射生物学效应的机制
3. 蛋白质的折叠机制

代表性成果

学术论文:

- (1) 载人深空探索中空间辐射风险评估所面临的问题和挑战, 科学通报, 赵磊, 宓东*, 孙野青*, 63, 1523, 2018. (EI)
- (2) A novel multitarget model of radiation-induced cell killing based on the Gaussian distribution, *Journal of Theoretical Biology*, Lei Zhao, Dong Mi*, Yeqing Sun*, 420, 135-143, 2017. (SCI)
- (3) Radiosensitivity and relative biological effectiveness based on a generalized target model, *Journal of Radiation Research*, Lei Zhao, Di Wu, Dong Mi*, Yeqing Sun*, 58(1), 8-16, 2017. (SCI)
- (4) Mining potential biomarkers associated with space flight in *Caenorhabditis elegans* experienced Shenzhou-8 mission with multiple feature selection techniques, *Mutation Research / Fundamental and Molecular Mechanisms of Mutagenesis*, Lei Zhao, Ying Gao, Dong Mi*, Yeqing Sun*, 791, 27-34, 2016. (SCI)
- (5) A generalized target theory and its applications, *Scientific Reports*, Lei Zhao, Dong Mi*, Bei Hu, Yeqing Sun*, 5, 14568,

2015. (SCI)

(6) Ecological risk assessment and sources of heavy metals in sediment from Daling River basin, *Environmental Science and Pollution Research*, Lei Zhao, Dong Mi*, Yifu Chen, Yeqing Sun*, 22(8): 5975-5984, 2015. (SCI)

(7) Kinetics of stereoselective enrichment of Dechlorane Plus in *Ulva*

Pertusa, *Chemosphere*, Lei Zhao, Ning Gong, Dong Mi*, Yeqing Sun*, 111, 580-586, 2014. (SCI)

(8) Unifying model for two-state and downhill protein folding, Dong Mi*, Wenqian Meng, Yeqing Sun, *Physical. Review. E*. 83, 041901, 2011. (SCI)

(9) There exist different proposals for relativistic temperature transformation: The whys and wherefores Modern Physics Letter A, Dong Mi*, Haiyang Zhong, Dianmin Tong, 24, 77, 2009. (SCI)

(10) Relationships between the folding rate constant and the topological parameters of small two-state proteins based on general random walk model, Dong Mi*, Guirong Liu, Jiangsheng Wang, Zirui Li, , *Journal of Theoretical Biology*, 241, 152, 2006. (SCI)

