

## Aerin Yang

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### Publications

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#### PUBLICATIONS

- **Design of protein binding proteins from target structure alone.** *Nature*  
Cao, L., Coventry, B., Goreshnik, I., Huang, B., Park, J. S., Jude, K. M., Markovic, I., Kadam, R. U., Verschuere, K. H., Verstraete, K., Walsh, S. T., Bennett, N., Phal, et al  
2022
- **MSK1 functions as a transcriptional coactivator of p53 in the regulation of p21 gene expression.** *Experimental & molecular medicine*  
Ahn, J., Lee, J. G., Chin, C., In, S., Yang, A., Park, H. S., Kim, J., Park, J. H.  
2018; 50 (10): 1-12
- **Chemical biology approaches for studying posttranslational modifications** *RNA BIOLOGY*  
Yang, A., Cho, K., Park, H.  
2018; 15 (4-5): 427-440
- **Expanding the genetic code of *Mus musculus*** *NATURE COMMUNICATIONS*  
Han, S., Yang, A., Lee, S., Lee, H., Park, C., Park, H.  
2017; 8: 14568
- **A chemical biology route to site-specific authentic protein modifications** *SCIENCE*  
Yang, A., Ha, S., Ahn, J., Kim, R., Kim, S., Lee, Y., Kim, J., Soell, D., Lee, H., Park, H.  
2016; 354 (6312): 623-626
- **Chromatin Kinases Act on Transcription Factors and Histone Tails in Regulation of Inducible Transcription** *MOLECULAR CELL*  
Josefowicz, S. Z., Shimada, M., Armache, A., Li, C. H., Miller, R. M., Lin, S., Yang, A., Dill, B. D., Molina, H., Park, H., Garcia, B. A., Taunton, J., Roeder, et al  
2016; 64 (2): 347-361
- **Akt Kinase-Mediated Checkpoint of cGAS DNA Sensing Pathway** *CELL REPORTS*  
Seo, G., Yang, A., Tan, B., Kim, S., Liang, Q., Choi, Y., Yuan, W., Feng, P., Park, H., Jung, J. U.  
2015; 13 (2): 440-449
- **Negative regulation of NF-kappa B activity by brain-specific TRIPartite Motif protein 9** *NATURE COMMUNICATIONS*  
Shi, M., Cho, H., Inn, K., Yang, A., Zhao, Z., Liang, Q., Versteeg, G. A., Amini-Bavil-Olyae, S., Wong, L., Zlokovic, B. V., Park, H., Garcia-Sastre, A., Jung, et al  
2014; 5: 4820
- **Dopamine and Cu<sup>2+</sup> Can Induce Oligomerization of alpha-Synuclein in the Absence of Oxygen: Two Types of Oligomerization Mechanisms for alpha-Synuclein and Related Cell Toxicity Studies** *JOURNAL OF NEUROSCIENCE RESEARCH*  
Ha, Y., Yang, A., Lee, S., Kim, K., Liew, H., Lee, S., Lee, J., Lee, H., Suh, Y., Park, H., Churchill, D. G.  
2014; 92 (3): 359-368
- **Facile "stop codon" method reveals elevated neuronal toxicity by discrete S87p-alpha-synuclein oligomers** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*  
Ha, Y., Yang, A., Lee, S., Kim, K., Liew, H., Suh, Y., Park, H., Churchill, D. G.  
2014; 443 (3): 1085-1091
- **Simple and Efficient Strategy for Site-Specific Dual Labeling of Proteins for Single-Molecule Fluorescence Resonance Energy Transfer Analysis** *ANALYTICAL CHEMISTRY*  
Kim, J., Seo, M., Lee, S., Cho, K., Yang, A., Woo, K., Kim, H., Park, H.

2013; 85 (3): 1468-1474

● **A Facile Strategy for Selective Incorporation of Phosphoserine into Histones** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*

Lee, S., Oh, S., Yang, A., Kim, J., Soell, D., Lee, D., Park, H.

2013; 52 (22): 5771-5775