# Jaeseong Jeong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4243950/publications.pdf

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| 19 | 662 | 687363 13 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 829 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Adverse outcome pathways potentially related to hazard identification of microplastics based on toxicity mechanisms. Chemosphere, 2019, 231, 249-255. | 8.2 | 165 |
| 2 | Inhalation toxicity of polystyrene micro(nano)plastics using modified OECD TG 412. Chemosphere, 2021, 262, 128330. | 8.2 | 91 |
| 3 | Development of AOP relevant to microplastics based on toxicity mechanisms of chemical additives using ToxCastâ„¢ and deep learning models combined approach. Environment International, 2020, 137, 105557. | 10.0 | 59 |
| 4 | Hazard potential of perovskite solar cell technology for potential implementation of â€œsafe-by-designâ€• approach. Scientific Reports, 2019, 9, 4242. | 3.3 | 53 |
| 5 | Development of Adverse Outcome Pathway for PPARÎ³ Antagonism Leading to Pulmonary Fibrosis and Chemical Selection for Its Validation: ToxCast Database and a Deep Learning Artificial Neural Network Model-Based Approach. Chemical Research in Toxicology, 2019, 32, 1212-1222. | 3.3 | 36 |
| 6 | Identification of adverse outcome pathway related to high-density polyethylene microplastics exposure: Caenorhabditis elegans transcription factor RNAi screening and zebrafish study. Journal of Hazardous Materials, 2020, 388, 121725. | 12.4 | 34 |
| 7 | Artificial Intelligence-Based Toxicity Prediction of Environmental Chemicals: Future Directions for Chemical Management Applications. Environmental Science & Technology, 2022, 56, 7532-7543. | 10.0 | 34 |
| 8 | Graphene oxide nano-bio interaction induces inhibition of spermatogenesis and disturbance of fatty acid metabolism in the nematode Caenorhabditis elegans. Toxicology, 2018, 410, 83-95. | 4.2 | 33 |
| 9 | Developing adverse outcome pathways on silver nanoparticle-induced reproductive toxicity via oxidative stress in the nematode Caenorhabditis elegans using a Bayesian network model. Nanotoxicology, 2018, 12, 1182-1197. | 3.0 | 29 |
| 10 | Global metabolomics approach in in vitro and in vivo models reveals hepatic glutathione depletion induced by amorphous silica nanoparticles. Chemico-Biological Interactions, 2018, 293, 100-106. | 4.0 | 25 |
| 11 | In Silico Molecular Docking and In Vivo Validation with Caenorhabditis elegans to Discover Molecular Initiating Events in Adverse Outcome Pathway Framework: Case Study on Endocrine-Disrupting Chemicals with Estrogen and Androgen Receptors. International Journal of Molecular Sciences, 2019, 20, 1209. | 4.1 | 25 |
| 12 | Use of adverse outcome pathways in chemical toxicity testing: potential advantages and limitations. Environmental Health and Toxicology, 2018, 33, e2018002. | 1.8 | 22 |
| 13 | JAK/STAT and TGF-ÃŸ activation as potential adverse outcome pathway of TiO2NPs phototoxicity in Caenorhabditis elegans. Scientific Reports, 2017, 7, 17833. | 3.3 | 21 |
| 14 | Identification of toxicity pathway of diesel particulate matter using AOP of PPARÎ³ inactivation leading to pulmonary fibrosis. Environment International, 2021, 147, 106339. | 10.0 | 14 |
| 15 | Highâ€throughput COPAS assay for screening of developmental and reproductive toxicity of nanoparticles using the nematodeCaenorhabditis elegans. Journal of Applied Toxicology, 2019, 39, 1470-1479. | 2.8 | 7 |
| 16 | Advancing the Adverse Outcome Pathway for PPARÎ³ Inactivation Leading to Pulmonary Fibrosis Using Bradford-Hill Consideration and the Comparative Toxicogenomics Database. Chemical Research in Toxicology, 2022, 35, 233-243. | 3.3 | 5 |
| 17 | Activation of the nucleotide excision repair pathway by crude oil exposure: A translational study from model organisms to the Hebei Spirit Oil Spill Cohort. Environmental Pollution, 2019, 254, 112997. | 7.5 | 3 |
| 18 | Cross-sectional and longitudinal associations between global DNA (hydroxy) methylation and exposure biomarkers of the Hebei Spirit oil spill cohort in Taean, Korea. Environmental Pollution, 2020, 263, 114607. | 7.5 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Physical analysis reveals distinct responses of human bronchial epithelial cells to guanidine and isothiazolinone biocides. Toxicology and Applied Pharmacology, 2021, 424, 115589. | 2.8 | 3 |