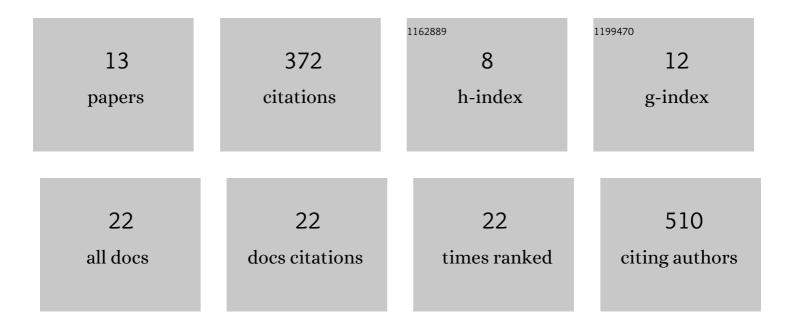
Kwonmoo Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/879779/publications.pdf Version: 2024-02-01



KWONMOOLEE

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Self-Assembly of Filopodia-Like Structures on Supported Lipid Bilayers. Science, 2010, 329, 1341-1345. | 6.0 | 153 |
| 2 | Functional Hierarchy of Redundant Actin Assembly Factors Revealed by Fine-Grained Registration of Intrinsic Image Fluctuations. Cell Systems, 2015, 1, 37-50. | 2.9 | 65 |
| 3 | Deep transfer learning-based hologram classification for molecular diagnostics. Scientific Reports, 2018, 8, 17003. | 1.6 | 48 |
| 4 | Deconvolution of subcellular protrusion heterogeneity and the underlying actin regulator dynamics from live cell imaging. Nature Communications, 2018, 9, 1688. | 5.8 | 22 |
| 5 | Effects of nonequilibrium fluctuations on ionic transport through biomembranes. Physical Review E, 1999, 60, 4681-4686. | 0.8 | 12 |
| 6 | Ion transport and channel transition in biomembranes. Physica A: Statistical Mechanics and Its Applications, 2002, 315, 79-97. | 1.2 | 11 |
| 7 | Mechanosensitive expression of lamellipodin promotes intracellular stiffness, cyclin expression and cell proliferation. Journal of Cell Science, 2021, 134, . | 1.2 | 11 |
| 8 | Emerging machine learning approaches to phenotyping cellular motility and morphodynamics. Physical Biology, 2021, 18, 041001. | 0.8 | 11 |
| 9 | A deep learning-based segmentation pipeline for profiling cellular morphodynamics using multiple types of live cell microscopy. Cell Reports Methods, 2021, 1, 100105. | 1.4 | 11 |
| 10 | A machine learning pipeline revealing heterogeneous responses to drug perturbations on vascular smooth muscle cell spheroid morphology and formation. Scientific Reports, 2021, 11, 23285. | 1.6 | 11 |
| 11 | Increased prevalence of indoor <i>Aspergillus</i> and <i>Penicillium</i> species is associated with indoor flooding and coastal proximity: a case study of 28 moldy buildings. Environmental Sciences: Processes and Impacts, 2021, 23, 1681-1687. | 1.7 | 6 |
| 12 | Protocol for live cell image segmentation to profile cellular morphodynamics using MARS-Net. STAR Protocols, 2022, 3, 101469. | 0.5 | 2 |
| 13 | Evolution strategy applied to global optimization of clusters in gene expression data of DNA microarrays. , 0, , . | | 1 |