

# Luthur Siu-Lun Cheung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11475153/publications.pdf>

Version: 2024-02-01

9  
papers

235  
citations

1040056

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1474206

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9  
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docs citations

9  
times ranked

452  
citing authors

| # | ARTICLE                                                                                                                                                                                                       | IF  | CITATIONS |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Characterization of Monobody Scaffold Interactions with Ligand via Force Spectroscopy and Steered Molecular Dynamics. <i>Scientific Reports</i> , 2015, 5, 8247.                                              | 3.3 | 11        |
| 2 | Selectin-mediated adhesion in shear flow using micropatterned substrates: multiple-bond interactions govern the critical length for cell binding. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 847. | 1.3 | 19        |
| 3 | A Hot-Spot Motif Characterizes the Interface between a Designed Ankyrin-Repeat Protein and Its Target Ligand. <i>Biophysical Journal</i> , 2012, 102, 407-416.                                                | 0.5 | 23        |
| 4 | Cell receptor and surface ligand density effects on dynamic states of adhering circulating tumor cells. <i>Lab on A Chip</i> , 2011, 11, 3431.                                                                | 6.0 | 33        |
| 5 | An Analytical Model for Determining Two-Dimensional Receptor-Ligand Kinetics. <i>Biophysical Journal</i> , 2011, 100, 2338-2346.                                                                              | 0.5 | 17        |
| 6 | A high-performance microsystem for isolating circulating tumor cells. <i>Lab on A Chip</i> , 2011, 11, 3269.                                                                                                  | 6.0 | 54        |
| 7 | Biophysics of selectin-ligand interactions in inflammation and cancer. <i>Physical Biology</i> , 2011, 8, 015013.                                                                                             | 1.8 | 36        |
| 8 | Adhesion dynamics of circulating tumor cells under shear flow in a bio-functionalized microchannel. <i>Journal of Micromechanics and Microengineering</i> , 2011, 21, 054033.                                 | 2.6 | 27        |
| 9 | Kinematics of Specifically Captured Circulating Tumor Cells in Bio-Functionalized Microchannels. <i>Journal of Microelectromechanical Systems</i> , 2010, 19, 752-763.                                        | 2.5 | 15        |