

# Roshan W Gunasekara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4672773/publications.pdf>

Version: 2024-02-01

8  
papers

285  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

333  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Recognition and protection of glycosphingolipids by synthetic nanoparticle receptors. <i>Chemical Communications</i> , 2019, 55, 4773-4776.  | 4.1  | 5         |
| 2 | Sequence-Selective Binding of Oligopeptides in Water through Hydrophobic Coding. <i>Journal of the American Chemical Society</i> , 2017, 139, 2188-2191.   | 13.7 | 63        |
| 3 | A General Method for Selective Recognition of Monosaccharides and Oligosaccharides in Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 829-835.   | 13.7 | 81        |
| 4 | Intrinsic Hydrophobicity versus Intraguest Interactions in Hydrophobically Driven Molecular Recognition in Water. <i>Organic Letters</i> , 2017, 19, 4159-4162.  | 4.6  | 5         |
| 5 | Selective Recognition of $\alpha$ -Aldohexoses in Water by Boronic Acid-Functionalized, Molecularly Imprinted Cross-Linked Micelles. <i>Journal of the American Chemical Society</i> , 2016, 138, 9759-9762. | 13.7 | 78        |
| 6 | Enhancing binding affinity and selectivity through preorganization and cooperative enhancement of the receptor. <i>Chemical Communications</i> , 2016, 52, 4345-4348.  | 4.1  | 16        |
| 7 | Rationally Designed Cooperatively Enhanced Receptors To Magnify Host-Guest Binding in Water. <i>Journal of the American Chemical Society</i> , 2015, 137, 843-849.   | 13.7 | 28        |
| 8 | Conformationally Switchable Water-Soluble Fluorescent Bischoleate Foldamers as Membrane-Curvature Sensors. <i>Langmuir</i> , 2015, 31, 3919-3925.  | 3.5  | 9         |