

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 | 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 |
| 2 | Selective Recognition of α -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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Enhancing binding affinity and selectivity through preorganization and cooperative enhancement of the receptor. <i>Chemical Communications</i> , 2016, 52, 4345-4348. | 4.1 | 16 |
| 6 | Conformationally Switchable Water-Soluble Fluorescent Bischoilate Foldamers as Membrane-Curvature Sensors. <i>Langmuir</i> , 2015, 31, 3919-3925. | 3.5 | 9 |
| 7 | Intrinsic Hydrophobicity versus Intraguest Interactions in Hydrophobically Driven Molecular Recognition in Water. <i>Organic Letters</i> , 2017, 19, 4159-4162. | 4.6 | 5 |
| 8 | Recognition and protection of glycosphingolipids by synthetic nanoparticle receptors. <i>Chemical Communications</i> , 2019, 55, 4773-4776. | 4.1 | 5 |