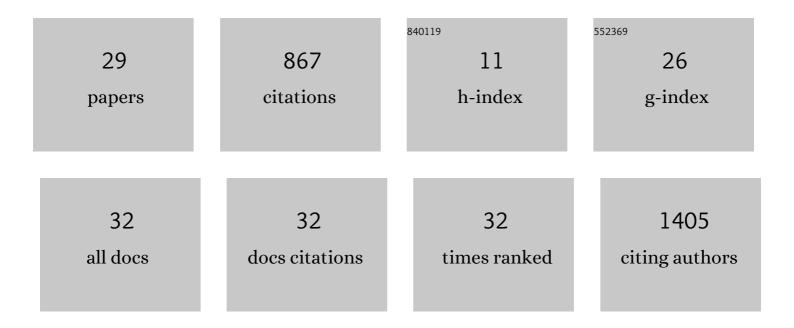
## **Roel Hammink**

List of Publications by Year in descending order

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ROFI HAMMINK

#	Article	IF	CITATIONS
1	Probing the Lewis Acidity of Boronic Acids through Interactions with Arene Substituents. Chemistry - A European Journal, 2022, 28, .	1.7	8
2	Dictating Phenotype, Function, and Fate of Human T Cells with Co‣timulatory Antibodies Presented by Filamentous Immune Cell Mimics. Advanced Therapeutics, 2022, 5, .	1.6	8
3	Multifunctional, Multivalent PIC Polymer Scaffolds for Targeting Antigen-Specific, Autoreactive B Cells. ACS Biomaterials Science and Engineering, 2022, 8, 1486-1493.	2.6	4
4	Probing Noncovalent Interactions in [3,3]Metaparacyclophanes. Journal of Organic Chemistry, 2022, 87, 6087-6096.	1.7	2
5	Through-Space Stabilization of an Imidazolium Cation by Aromatic Rings. Journal of Organic Chemistry, 2022, 87, 7875-7883.	1.7	2
6	Semiflexible polymer scaffolds: an overview of conjugation strategies. Polymer Chemistry, 2021, 12, 1362-1392.	1.9	13
7	Do Sulfonamides Interact with Aromatic Rings?. Chemistry - A European Journal, 2021, 27, 5721-5729.	1.7	7
8	Semiflexible Immunobrushes Induce Enhanced T Cell Activation and Expansion. ACS Applied Materials & Interfaces, 2021, 13, 16007-16018.	4.0	14
9	Multivalent Sgc8c-aptamer decorated polymer scaffolds for leukemia targeting. Chemical Communications, 2021, 57, 2744-2747.	2.2	12
10	Probing Single-Cell Macrophage Polarization and Heterogeneity Using Thermo-Reversible Hydrogels in Droplet-Based Microfluidics. Frontiers in Bioengineering and Biotechnology, 2021, 9, 715408.	2.0	12
11	Throughâ€Space Polarâ€i€ Interactions in 2,6â€Diarylthiophenols. ChemPhysChem, 2020, 21, 1080-1080.	1.0	Ο
12	Influence of Network Topology on the Viscoelastic Properties of Dynamically Crosslinked Hydrogels. Frontiers in Chemistry, 2020, 8, 536.	1.8	11
13	Throughâ€Space Polarâ€i€ Interactions in 2,6â€Diarylthiophenols. ChemPhysChem, 2020, 21, 1092-1100.	1.0	9
14	Synthetic Semiflexible and Bioactive Brushes. Biomacromolecules, 2019, 20, 2587-2597.	2.6	10
15	Biomaterial-Based Activation and Expansion of Tumor-Specific T Cells. Frontiers in Immunology, 2019, 10, 931.	2.2	15
16	Probing Through-Space Polarâ^'Ï€ Interactions in 2,6-Diarylphenols. Journal of Organic Chemistry, 2019, 84, 3632-3637.	1.7	11
17	Controlling the gelation temperature of biomimetic polyisocyanides. Chinese Chemical Letters, 2018, 29, 281-284.	4.8	19
18	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. Frontiers in Immunology, 2018, 9, 2798.	2.2	60

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#	Article	IF	CITATIONS
19	Cytokineâ€Functionalized Synthetic Dendritic Cells for TÂCell Targeted Immunotherapies. Advanced Therapeutics, 2018, 1, 1800021.	1.6	25
20	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. ACS Omega, 2017, 2, 937-945.	1.6	48
21	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. Bioconjugate Chemistry, 2017, 28, 2560-2568.	1.8	11
22	Biomimetic Stress Sensitive Hydrogel Controlled by DNA Nanoswitches. Biomacromolecules, 2017, 18, 3310-3317.	2.6	31
23	Strategies To Increase the Thermal Stability of Truly Biomimetic Hydrogels: Combining Hydrophobicity and Directed Hydrogen Bonding. Macromolecules, 2017, 50, 9058-9065.	2.2	36
24	DNAâ€Responsive Polyisocyanopeptide Hydrogels with Stressâ€Stiffening Capacity. Advanced Functional Materials, 2016, 26, 9075-9082.	7.8	42
25	Order at Extreme Dilution. Advanced Functional Materials, 2016, 26, 9009-9016.	7.8	3
26	Stress-stiffening-mediated stem-cell commitment switch in soft responsive hydrogels. Nature Materials, 2016, 15, 318-325.	13.3	319
27	Abstract IA29: Towards synthetic immune cells for cancer immunotherapy. , 2016, , .		0
28	Polymer-Based Synthetic Dendritic Cells for Tailoring Robust and Multifunctional T Cell Responses. ACS Chemical Biology, 2015, 10, 485-492.	1.6	43
29	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. Chemical	3.7	91