

Peter A Korevaar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,153
citations

567144

15
h-index

752573

20
g-index

26
all docs

26
docs citations

26
times ranked

2705
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Pathway complexity in supramolecular polymerization. <i>Nature</i> , 2012, 481, 492-496. | 13.7 | 812 |
| 2 | Controlling Chemical Self-Assembly by Solvent-Dependent Dynamics. <i>Journal of the American Chemical Society</i> , 2012, 134, 13482-13491. | 6.6 | 240 |
| 3 | Pathway Complexity in π -Conjugated Materials. <i>Chemistry of Materials</i> , 2014, 26, 576-586. | 3.2 | 236 |
| 4 | Pathway Selection in Peptide Amphiphile Assembly. <i>Journal of the American Chemical Society</i> , 2014, 136, 8540-8543. | 6.6 | 221 |
| 5 | Kinetic Analysis as a Tool to Distinguish Pathway Complexity in Molecular Assembly: An Unexpected Outcome of Structures in Competition. <i>Journal of the American Chemical Society</i> , 2015, 137, 12677-12688. | 6.6 | 92 |
| 6 | Broad-Spectrum Antimicrobial Supramolecular Assemblies with Distinctive Size and Shape. <i>ACS Nano</i> , 2012, 6, 9191-9199. | 7.3 | 87 |
| 7 | Solvent Clathrate Driven Dynamic Stereomutation of a Supramolecular Polymer with Molecular Pockets. <i>Journal of the American Chemical Society</i> , 2017, 139, 13867-13875. | 6.6 | 86 |
| 8 | Steric Constraints Induced Frustrated Growth of Supramolecular Nanorods in Water. <i>Chemistry - A European Journal</i> , 2015, 21, 19257-19264. | 1.7 | 65 |
| 9 | Model-driven optimization of multicomponent self-assembly processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17205-17210. | 3.3 | 57 |
| 10 | Local Water Dynamics in Coacervated Polyelectrolytes Monitored through Dynamic Nuclear Polarization-Enhanced ^1H NMR. <i>Macromolecules</i> , 2009, 42, 7404-7412. | 2.2 | 55 |
| 11 | Non-equilibrium signal integration in hydrogels. <i>Nature Communications</i> , 2020, 11, 386. | 5.8 | 38 |
| 12 | Consequences of Cooperativity in Racemizing Supramolecular Systems. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6426-6431. | 7.2 | 35 |
| 13 | Autonomous mesoscale positioning emerging from myelin filament self-organization and Marangoni flows. <i>Nature Communications</i> , 2020, 11, 4800. | 5.8 | 25 |
| 14 | Iterative tandem catalysis of racemic AB monomers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2721-2733. | 2.5 | 22 |
| 15 | Two-component supramolecular metallo gels with the presence of Pt-Pt metal-metal interactions. <i>Chemical Communications</i> , 2018, 54, 9857-9860. | 2.2 | 14 |
| 16 | Complexity emerges from chemistry. <i>Nature Chemistry</i> , 2020, 12, 793-794. | 6.6 | 14 |
| 17 | Toward model-driven engineering of supramolecular copolymers. <i>Journal of Polymer Science Part A</i> , 2015, 53, 385-391. | 2.5 | 6 |
| 18 | Self-Sustained Marangoni Flows Driven by Chemical Reactions**. <i>ChemSystemsChem</i> , 2021, 3, . | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Self-Sustained Marangoni Flows Driven by Chemical Reactions. ChemSystemsChem, 0, , . | 1.1 | 1 |