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Molecular motors in new media

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Stellingen
behorende bij het proefschrift
Molecular Motors in New Media
door
Anouk Sophia Lubbe

1. In photoregulation of oligonucleotides, an intelligent design will produce a paper that is better structured and more readable, but no design will still work.
2. Melting point analysis is a useful method of identification in theory, but becomes useless in practice if two reported values for a single compound differ more than 100 °C. – *Tetrahedron* **2001**, 57, 3879-398 and *Org. Biomol. Chem.* **2011**, 9, 4498-4506.
3. While the classification of a formaldehyde-consuming preparation of alkanolic acids in water as 'green synthesis' is technically correct, the use of this term is misleading to say the least when chloroform is required in the subsequent purification. – *Mol. Divers.* **2016**, 20, 557-565.
4. Although perhaps not of too much scientific interest, the separation of *cis/trans* isomers of a molecular motor by crystal picking is the most enjoyable procedure reported in this thesis.
5. 'Unimolecular Submersible Nanomachine' is a generic term that applies to every overcrowded alkene based molecular motor ever reported. A non-submersible motor would have been far more impressive. – *Nano Lett.* **2015**, 15, 8229-8239.
6. Grants and awards only for women are sexist and do not contribute to gender equality.
7. In scientific writing, less is more.
8. Alcohol and social interactions are some of the most important factors in the life of a PhD student, as evidenced by the fact that the first Dutch word that foreign group members learn is usually 'borrel'.
9. Dutch directness can create a culture shock and is often considered rude. However, in a lab environment it is infinitely preferable over 'polite' behaviour, which can be vague and even dangerous.
10. Only ever name buildings after people who are already dead. That way they don't notice when you don't have the funding to actually start construction.
11. Food is comfort. Even when your final compound degrades before your eyes and it seems the whole project is a failure, matters will look entirely different over a plate of bitterballen.
12. Nineties Eurodance is the best lab music. Period.