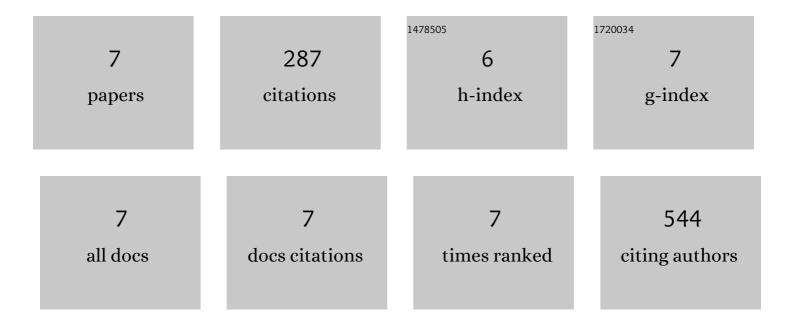
## Nicole C A Van Engeland

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6167978/publications.pdf

Version: 2024-02-01



| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A biomimetic microfluidic model to study signalling between endothelial and vascular smooth muscle<br>cells under hemodynamic conditions. Lab on A Chip, 2018, 18, 1607-1620.   | 6.0 | 88        |
| 2 | Vimentin regulates Notch signaling strength and arterial remodeling in response to hemodynamic stress. Scientific Reports, 2019, 9, 12415.                                      | 3.3 | 62        |
| 3 | Microfabricated tuneable and transferable porous PDMS membranes for Organs-on-Chips. Scientific Reports, 2018, 8, 13524.  | 3.3 | 58        |
| 4 | Robust Generation of Quiescent Porcine Valvular Interstitial Cell Cultures. Journal of the American<br>Heart Association, 2017, 6, .  | 3.7 | 36        |
| 5 | Host Response and Neo-Tissue Development during Resorption of a Fast Degrading Supramolecular<br>Electrospun Arterial Scaffold. Bioengineering, 2018, 5, 61.                    | 3.5 | 24        |
| 6 | Aortic calcified particles modulate valvular endothelial and interstitial cells. Cardiovascular<br>Pathology, 2017, 28, 36-45.  | 1.6 | 13        |
| 7 | Radiation Induces Valvular Interstitial Cell Calcific Response in an in vitro Model of Calcific Aortic<br>Valve Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 687885. | 2.4 | 6         |