

# Mark R Davies

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5310946/publications.pdf>

Version: 2024-02-01

14  
papers

712  
citations

686830

13  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1038  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Application of cardiac electrophysiology simulations to proarrhythmic safety testing. British Journal of Pharmacology, 2012, 167, 932-945.  | 2.7 | 90        |
| 2  | Prediction of Thorough QT study results using action potential simulations based on ion channel screens. Journal of Pharmacological and Toxicological Methods, 2014, 70, 246-254.                                     | 0.3 | 80        |
| 3  | Variability in high-throughput ion-channel screening data and consequences for cardiac safety assessment. Journal of Pharmacological and Toxicological Methods, 2013, 68, 112-122.                                    | 0.3 | 79        |
| 4  | High-throughput screening of drug-binding dynamics to HERG improves early drug safety assessment. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H104-H117.                            | 1.5 | 72        |
| 5  | hERG Inhibitors with Similar Potency But Different Binding Kinetics Do Not Pose the Same Proarrhythmic Risk: Implications for Drug Safety Assessment. Journal of Cardiovascular Electrophysiology, 2014, 25, 197-207. | 0.8 | 65        |
| 6  | Recent developments in using mechanistic cardiac modelling for drug safety evaluation. Drug Discovery Today, 2016, 21, 924-938.   | 3.2 | 55        |
| 7  | Harvesting the promise of AOPs: An assessment and recommendations. Science of the Total Environment, 2018, 628-629, 1542-1556.  | 3.9 | 52        |
| 8  | Capacity limits of asialoglycoprotein receptor-mediated liver targeting. MAbs, 2017, 9, 1360-1369.  | 2.6 | 42        |
| 9  | Nurr1 dependent regulation of pro-inflammatory mediators in immortalised synovial fibroblasts. Journal of Inflammation, 2005, 2, 15.  | 1.5 | 33        |
| 10 | Ligands for retinoic acid receptors are elevated in osteoarthritis and may contribute to pathologic processes in the osteoarthritic joint. Arthritis and Rheumatism, 2009, 60, 1722-1732.                             | 6.7 | 32        |
| 11 | A new classifier-based strategy for in-silico ion-channel cardiac drug safety assessment. Frontiers in Pharmacology, 2015, 6, 59.   | 1.6 | 31        |
| 12 | Nuclear hormone receptor-dependent regulation of hepatic transporters and their role in the adaptive response in cholestasis. Xenobiotica, 2008, 38, 725-777.   | 0.5 | 29        |
| 13 | Use of Patient Health Records to Quantify Drug-Related Pro-arrhythmic Risk. Cell Reports Medicine, 2020, 1, 100076.   | 3.3 | 4         |
| 14 | Cardiac Safety Pharmacology Modeling. , 2021, , 301-307.  |     | 0         |