

# Richard Kelwick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2420654/publications.pdf>

Version: 2024-02-01

13  
papers

1,221  
citations

932766

10  
h-index

1058022

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2155  
citing authors

#	ARTICLE	IF	CITATIONS
1	AL-PHA beads: Bioplastic-based protease biosensors for global health applications. <i>Materials Today</i> , 2021, 47, 25-37.	8.3	11
2	Biological Materials: The Next Frontier for Cell-Free Synthetic Biology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 399.	2.0	40
3	Cell-free prototyping strategies for enhancing the sustainable production of polyhydroxyalkanoates bioplastics. <i>Synthetic Biology</i> , 2018, 3, ysy016.	1.2	39
4	Opportunities for applying whole-cell bioreporters towards parasite detection. <i>Microbial Biotechnology</i> , 2017, 10, 244-249.	2.0	7
5	A Cell-Free Biosensor for Detecting Quorum Sensing Molecules in <i>P.Âaeruginosa</i> -Infected Respiratory Samples. <i>ACS Synthetic Biology</i> , 2017, 6, 2293-2301.	1.9	130
6	EcoFlex: A Multifunctional MoClo Kit for <i>E.Âacoli</i> Synthetic Biology. <i>ACS Synthetic Biology</i> , 2016, 5, 1059-1069.	1.9	149
7	Development of a <i>Bacillus subtilis</i> cell-free transcription-translation system for prototyping regulatory elements. <i>Metabolic Engineering</i> , 2016, 38, 370-381.	3.6	112
8	Metalloproteinase-dependent and -independent processes contribute to inhibition of breast cancer cell migration, angiogenesis and liver metastasis by a disintegrin and metalloproteinase with thrombospondin motifs-15. <i>International Journal of Cancer</i> , 2015, 136, E14-26.	2.3	46
9	The ADAMTS (A Disintegrin and Metalloproteinase with Thrombospondin motifs) family. <i>Genome Biology</i> , 2015, 16, 113.	3.8	471
10	A Forward-Design Approach to Increase the Production of Poly-3-Hydroxybutyrate in Genetically Engineered <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2015, 10, e0117202.	1.1	11
11	Promoting microbiology education through the iGEM synthetic biology competition. <i>FEMS Microbiology Letters</i> , 2015, 362, fmv129.	0.7	41
12	Developments in the Tools and Methodologies of Synthetic Biology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 60.	2.0	78
13	The roles of ADAMTS metalloproteinases in tumorigenesis and metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1861.	3.0	83