Richard Kelwick

List of Publications by Year
in descending order

13	1,221	932766 10	1058022 14
papers	citations	h-index	g-index

17	17	17	2155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The ADAMTS (A Disintegrin and Metalloproteinase with Thrombospondin motifs) family. Genome Biology, 2015, 16, 113.	3.8	471
2	EcoFlex: A Multifunctional MoClo Kit for E.Âcoli Synthetic Biology. ACS Synthetic Biology, 2016, 5, 1059-1069.	1.9	149
3	A Cell-Free Biosensor for Detecting Quorum Sensing Molecules in P.Âaeruginosa-Infected Respiratory Samples. ACS Synthetic Biology, 2017, 6, 2293-2301.	1.9	130
4	Development of a Bacillus subtilis cell-free transcription-translation system for prototyping regulatory elements. Metabolic Engineering, 2016, 38, 370-381.	3.6	112
5	The roles of ADAMTS metalloproteinases in tumorigenesis and metastasis. Frontiers in Bioscience - Landmark, 2011, 16, 1861.	3.0	83
6	Developments in the Tools and Methodologies of Synthetic Biology. Frontiers in Bioengineering and Biotechnology, 2014, 2, 60.	2.0	78
7	Metalloproteinaseâ€dependent and â€independent processes contribute to inhibition of breast cancer cell migration, angiogenesis and liver metastasis by a disintegrin and metalloproteinase with thrombospondin motifsâ€15. International Journal of Cancer, 2015, 136, E14-26.	2.3	46
8	Promoting microbiology education through the iGEM synthetic biology competition. FEMS Microbiology Letters, 2015, 362, fnv129.	0.7	41
9	Biological Materials: The Next Frontier for Cell-Free Synthetic Biology. Frontiers in Bioengineering and Biotechnology, 2020, 8, 399.	2.0	40
10	Cell-free prototyping strategies for enhancing the sustainable production of polyhydroxyalkanoates bioplastics. Synthetic Biology, 2018, 3, ysy016.	1.2	39
11	A Forward-Design Approach to Increase the Production of Poly-3-Hydroxybutyrate in Genetically Engineered Escherichia coli. PLoS ONE, 2015, 10, e0117202.	1.1	11
12	AL-PHA beads: Bioplastic-based protease biosensors for global health applications. Materials Today, 2021, 47, 25-37.	8.3	11
13	Opportunities for applying wholeâ€cell bioreporters towards parasite detection. Microbial Biotechnology, 2017, 10, 244-249.	2.0	7