Anthony J Genot

List of Publications by Year
in descending order

12 papers	713 citations	933447 10 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	850 citing authors

#	Article	IF	Citations
1	Real-Time Detection of Glyphosate by a Water-Gated Organic Field-Effect Transistor with a Microfluidic Chamber. Langmuir, 2021, 37, 7305-7311.	3.5	13
2	Accelerating the Finite-Element Method for Reaction-Diffusion Simulations on GPUs with CUDA. Micromachines, 2020, 11, 881.	2.9	1
3	Microfluidic System with Extended–Gate–Type Organic Transistor for Real–Time Glucose Monitoring. ChemElectroChem, 2020, 7, 1332-1336.	3.4	23
4	Massively parallel and multiparameter titration of biochemical assays with droplet microfluidics. Nature Protocols, 2017, 12, 1912-1932.	12.0	39
5	In vitro regulatory models for systems biology. Biotechnology Advances, 2013, 31, 789-796.	11.7	13
6	High-throughput and long-term observation of compartmentalized biochemical oscillators. Chemical Communications, 2013, 49, 8090.	4.1	37
7	Combinatorial Displacement of DNA Strands: Application to Matrix Multiplication and Weighted Sums. Angewandte Chemie - International Edition, 2013, 52, 1189-1192.	13.8	67
8	Scaling down DNA circuits with competitive neural networks. Journal of the Royal Society Interface, 2013, 10, 20130212.	3.4	46
9	Computing with Competition in Biochemical Networks. Physical Review Letters, 2012, 109, 208102.	7.8	43
10	Reversible Logic Circuits Made of DNA. Journal of the American Chemical Society, 2011, 133, 20080-20083.	13.7	160
11	Remote Toehold: A Mechanism for Flexible Control of DNA Hybridization Kinetics. Journal of the American Chemical Society, 2011, 133, 2177-2182.	13.7	263
12	Toggling Between Two Limit Cycles in a Molecular Ecosystem. New Generation Computing, 0, , .	3.3	0