

Ignacio A Zuleta

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

931
citations

516710

16
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	A population shift between two heritable cell types of the pathogen <i>Candida albicans</i> is based both on switching and selective proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26918-26924.	7.1	10
2	Robust Synthetic Circuits for Two-Dimensional Control of Gene Expression in Yeast. <i>ACS Synthetic Biology</i> , 2017, 6, 545-554.	3.8	63
3	Transcriptional rewiring over evolutionary timescales changes quantitative and qualitative properties of gene expression. <i>ELife</i> , 2016, 5, .	6.0	54
4	Population Diversification in a Yeast Metabolic Program Promotes Anticipation of Environmental Shifts. <i>PLoS Biology</i> , 2015, 13, e1002042.	5.6	110
5	Dynamic characterization of growth and gene expression using high-throughput automated flow cytometry. <i>Nature Methods</i> , 2014, 11, 443-448.	19.0	40
6	Delayed Ras/PKA signaling augments the unfolded protein response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14800-14805.	7.1	45
7	Regulatory architecture determines optimal regulation of gene expression in metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5127-5132.	7.1	63
8	In silico feedback for in vivo regulation of a gene expression circuit. <i>Nature Biotechnology</i> , 2011, 29, 1114-1116.	17.5	263
9	Desorption Electrospray Ionization: Achieving Rapid Sampling Rates. <i>Analytical Chemistry</i> , 2009, 81, 9035-9040.	6.5	16
10	Continuous Time-of-Flight Ion Imaging: Application to Fragmentation. <i>Analytical Chemistry</i> , 2008, 80, 8299-8307.	6.5	9
11	Computer-controlled, variable-frequency power supply for driving multipole ion guides. <i>Review of Scientific Instruments</i> , 2008, 79, 034702.	1.3	6
12	Micromachined Bradbury-Nielsen Gates. <i>Analytical Chemistry</i> , 2007, 79, 9160-9165.	6.5	18
13	Simple template-based method to produce bradbury-nielsen gates. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1901-1908.	2.8	29
14	Peak Height Precision in Hadamard Transform Time-of-Flight Mass Spectra. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1117-1130.	2.8	19
15	Duty cycle and modulation efficiency of two-channel hadamard transform time-of-flight mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1888-1901.	2.8	18
16	A soft on-column metal coating procedure for robust sheathless electrospray emitters used in capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 1358-1365.	2.4	21
17	Continuous Two-Channel Time-of-Flight Mass Spectrometric Detection of Electrosprayed Ions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6541-6544.	13.8	44
18	Discorhabdins S, T, and U, New Cytotoxic Pyrroloiminoquinones from a Deep-Water Caribbean Sponge of the Genus <i>Batzella</i> . <i>Journal of Natural Products</i> , 2003, 66, 1615-1617.	3.0	65

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19	Novel pteridine alkaloids from the sponge <i>Clathria</i> sp.. <i>Tetrahedron</i> , 2002, 58, 4481-4486.	1.9	31