

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 | In silico feedback for in vivo regulation of a gene expression circuit. Nature Biotechnology, 2011, 29, 1114-1116. | 17.5 | 263 |
| 2 | Population Diversification in a Yeast Metabolic Program Promotes Anticipation of Environmental Shifts. PLoS Biology, 2015, 13, e1002042. | 5.6 | 110 |
| 3 | Discorhabdins S, T, and U, New Cytotoxic Pyrroloiminoquinones from a Deep-Water Caribbean Sponge of the Genus Batzella. Journal of Natural Products, 2003, 66, 1615-1617. | 3.0 | 65 |
| 4 | Regulatory architecture determines optimal regulation of gene expression in metabolic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5127-5132. | 7.1 | 63 |
| 5 | Robust Synthetic Circuits for Two-Dimensional Control of Gene Expression in Yeast. ACS Synthetic Biology, 2017, 6, 545-554. | 3.8 | 63 |
| 6 | Transcriptional rewiring over evolutionary timescales changes quantitative and qualitative properties of gene expression. ELife, 2016, 5, . | 6.0 | 54 |
| 7 | Delayed Ras/PKA signaling augments the unfolded protein response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14800-14805. | 7.1 | 45 |
| 8 | Continuous Two-Channel Time-of-Flight Mass Spectrometric Detection of Electrosprayed Ions. Angewandte Chemie - International Edition, 2004, 43, 6541-6544. | 13.8 | 44 |
| 9 | Dynamic characterization of growth and gene expression using high-throughput automated flow cytometry. Nature Methods, 2014, 11, 443-448. | 19.0 | 40 |
| 10 | Novel pteridine alkaloids from the sponge Clathria sp.. Tetrahedron, 2002, 58, 4481-4486. | 1.9 | 31 |
| 11 | Simple template-based method to produce bradbury-nielsen gates. Journal of the American Society for Mass Spectrometry, 2007, 18, 1901-1908. | 2.8 | 29 |
| 12 | A soft on-column metal coating procedure for robust sheathless electrospray emitters used in capillary electrophoresis-mass spectrometry. Electrophoresis, 2005, 26, 1358-1365. | 2.4 | 21 |
| 13 | Peak Height Precision in Hadamard Transform Time-of-Flight Mass Spectra. Journal of the American Society for Mass Spectrometry, 2005, 16, 1117-1130. | 2.8 | 19 |
| 14 | Duty cycle and modulation efficiency of two-channel hadamard transform time-of-flight mass spectrometry. Journal of the American Society for Mass Spectrometry, 2005, 16, 1888-1901. | 2.8 | 18 |
| 15 | Micromachined Bradbury-Nielsen Gates. Analytical Chemistry, 2007, 79, 9160-9165. | 6.5 | 18 |
| 16 | Desorption Electrospray Ionization: Achieving Rapid Sampling Rates. Analytical Chemistry, 2009, 81, 9035-9040. | 6.5 | 16 |
| 17 | A population shift between two heritable cell types of the pathogen <i>Candida albicans</i> is based both on switching and selective proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26918-26924. | 7.1 | 10 |
| 18 | Continuous Time-of-Flight Ion Imaging: Application to Fragmentation. Analytical Chemistry, 2008, 80, 8299-8307. | 6.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Computer-controlled, variable-frequency power supply for driving multipole ion guides. Review of Scientific Instruments, 2008, 79, 034702. | 1.3 | 6 |