

Ryan W Benz

List of Publications by Year in descending order

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9
papers

407
citations

1163117
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1474206
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9
all docs

9
docs citations

9
times ranked

588
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Experimental Validation of Molecular Dynamics Simulations of Lipid Bilayers: A New Approach. <i>Biophysical Journal</i> , 2005, 88, 805-817. | 0.5 | 161 |
| 2 | Discovery of Power-Laws in Chemical Space. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1138-1151. | 5.4 | 58 |
| 3 | Investigation of Finite System-Size Effects in Molecular Dynamics Simulations of Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24157-24164. | 2.6 | 48 |
| 4 | Lossless Compression of Chemical Fingerprints Using Integer Entropy Codes Improves Storage and Retrieval. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 2098-2109. | 5.4 | 45 |
| 5 | A Plasma-Based Protein Marker Panel for Colorectal Cancer Detection Identified by Multiplex Targeted Mass Spectrometry. <i>Clinical Colorectal Cancer</i> , 2016, 15, 186-194.e13. | 2.3 | 29 |
| 6 | Data-Driven High-Throughput Prediction of the 3-D Structure of Small Molecules: Review and Progress. <i>Journal of Chemical Information and Modeling</i> , 2011, 51, 760-776. | 5.4 | 27 |
| 7 | Diffraction-Based Density Restraints for Membrane and Membrane-Peptide Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2006, 91, 3617-3629. | 0.5 | 17 |
| 8 | BLASTing small moleculesâ€™ statistics and extreme statistics of chemical similarity scores. <i>Bioinformatics</i> , 2008, 24, i357-i365. | 4.1 | 15 |
| 9 | Discovery and Validation of Plasma-Protein Biomarker Panels for the Detection of Colorectal Cancer and Advanced Adenoma in a Danish Collection of Samples from Patients Referred for Diagnostic Colonoscopy. <i>Journal of Applied Laboratory Medicine</i> , The, 2016, 1, 181-193. | 1.3 | 7 |