

Laura Rios

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4838531/publications.pdf>

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12
papers

129
citations

1684188

5
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	The Raman Spectrum of a Single Molecule on an Electrochemically Etched Silver Tip. Applied Spectroscopy, 2020, 74, 1414-1422.	2.2	3
2	Creating coupled-multiple response test items in physics and engineering for use in adaptive formative assessments. , 2020, , .		0
3	Using the life grid interview technique in STEM education research. International Journal of STEM Education, 2019, 6, .	5.0	4
4	Using think-aloud interviews to characterize model-based reasoning in electronics for a laboratory course assessment. Physical Review Physics Education Research, 2019, 15, .	2.9	13
5	Characterizing lab instructorsâ€™ self-reported learning goals to inform development of an experimental modeling skills assessment. Physical Review Physics Education Research, 2018, 14, .	2.9	13
6	Hovering and Twirling of Tethered Molecules by Confinement between Surfaces. Journal of Physical Chemistry Letters, 2016, 7, 2461-2464.	4.6	3
7	Hydroxylamine catalyzed Nazarov cyclizations of divinyl ketones. Tetrahedron Letters, 2015, 56, 6622-6624.	1.4	8
8	Isomerization of One Molecule Observed through Tip-Enhanced Raman Spectroscopy. Nano Letters, 2015, 15, 6386-6394.	9.1	72
9	Single Electron Bipolar Conductance Switch Driven by the Molecular Aharonovâ€™Bohm Effect. ACS Nano, 2014, 8, 6382-6389.	14.6	2
10	Visualizing Capsaicinoids: Colorimetric Analysis of Chili Peppers. Journal of Chemical Education, 2012, 89, 610-612.	2.3	8
11	From Folklore to Molecular Pharmacophores: Cultivating STEM Students among Young, First-Generation Female Mexican-Americans. Journal of Chemical Education, 2011, 88, 41-43.	2.3	1
12	Preliminary model for student ownership of projects. , 0, , .		2