Zachary A Piazza

List of Publications by Year
in descending order

13	2,838	687363 13	1058476 14
papers	citations	h-index	g-index

15	15	15	1683
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of an all-boron fullerene. Nature Chemistry, 2014, 6, 727-731.	13.6	724
2	Planar hexagonal B36 as a potential basis for extended single-atom layer boron sheets. Nature Communications, 2014, 5, 3113.	12.8	645
3	Understanding Boron through Size-Selected Clusters: Structure, Chemical Bonding, and Fluxionality. Accounts of Chemical Research, 2014, 47, 1349-1358.	15.6	474
4	B₂₂^{â€“} and B₂₃^{â€“}: All-Boron Analogues of Anthracene and Phenanthrene. Journal of the American Chemical Society, 2012, 134, 18065-18073.	13.7	198
5	Transition-Metal-Centered Nine-Membered Boron Rings: Mâ“B₉ and Mâ“B₉^{â€“} (M = Rh, Ir). Journal of the American Chemical Society, 2012, 134, 165-168.	13.7	157
6	Complexes between Planar Boron Clusters and Transition Metals: A Photoelectron Spectroscopy and Ab Initio Study of CoB₁₂^{â€“} and RhB₁₂^{â€“}. Journal of Physical Chemistry A, 2014, 118, 8098-8105.	2.5	143
7	A combined photoelectron spectroscopy and ab initio study of the quasi-planar B24â¯ cluster. Journal of Chemical Physics, 2013, 139, 144307.	3.0	128
8	A photoelectron spectroscopy and ab initio study of B21â¯: Negatively charged boron clusters continue to be planar at 21. Journal of Chemical Physics, 2012, 136, 104310.	3.0	127
9	A photoelectron spectroscopy and ab initio study of the structures and chemical bonding of the B25â¯ cluster. Journal of Chemical Physics, 2014, 141, 034303.	3.0	65
10	B27â¯: Appearance of the smallest planar boron cluster containing a hexagonal vacancy. Journal of Chemical Physics, 2015, 142, 204305.	3.0	60
11	Geometrical requirements for transition-metal-centered aromatic boron wheels: the case of VB10â¯. Physical Chemistry Chemical Physics, 2012, 14, 13663.	2.8	50
12	The electronic structure and chemical bonding in gold dihydride: AuH2â¯ and AuH2. Chemical Science, 2012, 3, 3286.	7.4	49
13	Bond-bending isomerism of Au₂I₃^{â¯}: competition between covalent bonding and aurophilicity. Chemical Science, 2016, 7, 475-481.	7.4	16