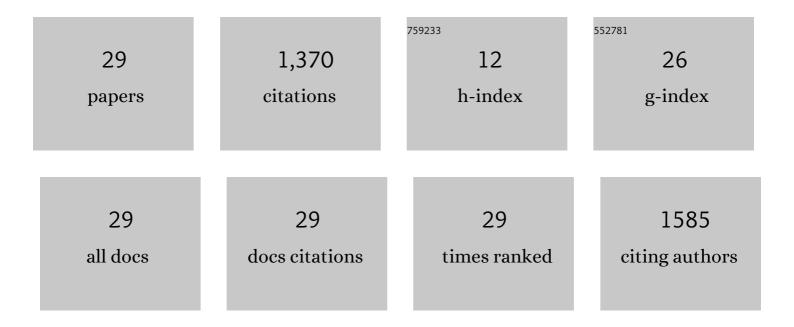
## Joseph J Belbruno

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molecularly Imprinted Polymers. Chemical Reviews, 2019, 119, 94-119.	47.7	908
2	A prediction of chromium(III) accumulation in humans from chromium dietary supplements FASEB Journal, 1995, 9, 1650-1657.	0.5	158
3	Detection of formaldehyde vapor using conductive polymer films. Sensors and Actuators B: Chemical, 2013, 182, 300-306.	7.8	46
4	The structure and energetics of carbon-nitrogen clusters. Molecular Physics, 2001, 99, 957-967.	1.7	40
5	Bonding and energetics in small clusters of gallium and arsenic. Heteroatom Chemistry, 2003, 14, 189-196.	0.7	40
6	The structure of small gallium nitride clusters. Heteroatom Chemistry, 2000, 11, 281-286.	0.7	33
7	A Molecularly Imprinted Fluoral-P/Polyaniline Double Layer Sensor System for Selective Sensing of Formaldehyde. IEEE Sensors Journal, 2014, 14, 1490-1498.	4.7	21
8	A selective molecularly imprinted polymer-carbon nanotube sensor for cotinine sensing. Journal of Molecular Recognition, 2014, 27, 57-63.	2.1	18
9	AB INITIO CALCULATIONS OF THE POTENTIAL ENERGY SURFACES FOR THE UNIMOLECULAR DISSOCIATION REACTION OF ETHYLENE OXIDE. Journal of Physical Organic Chemistry, 1997, 10, 113-120.	1.9	14
10	COMPUTATIONAL STUDY OF N@C60, P@C60, AND As@C60. Fullerenes Nanotubes and Carbon Nanostructures, 2002, 10, 23-35.	2.1	14
11	Density Functional Theory Study of the Adsorption of Nitrogen and Sulfur Atoms on Gold (111), (100), and (211) Surfaces. Journal of Physical Chemistry C, 2011, 115, 22987-22997.	3.1	14
12	The application of effective core potentials in heavy atom molecules: A study of small gold clusters and molecules as a function of theoretical method. Heteroatom Chemistry, 1998, 9, 651-657.	0.7	12
13	Ab initio calculations of the rotational barrier in dimethyl diselenide. Heteroatom Chemistry, 1996, 7, 39-43.	0.7	10
14	A Simple and Efficient Ozone Generator. Journal of Chemical Education, 1999, 76, 1712.	2.3	10
15	Ab initio calculations of the structures and energies of Ge(CH3)2 from tetramethylgermane in CVD. Heteroatom Chemistry, 1998, 9, 195-200.	0.7	7
16	Thermochemical study of amino acid imprinted polymer films. Journal of Molecular Recognition, 2015, 28, 651-655.	2.1	5
17	Ab Initio Calculations of the Rotational Barriers in H2Te2 and (CH3)2Te2. Heteroatom Chemistry, 1997, 8, 199-202.	0.7	4
18	Characterization of functional states in nicotine―and cotinineâ€imprinted poly(4â€vinylphenol) films by nanoindentation, Journal of Applied Polymer Science, 2012, 124, 2798-2806	2.6	4

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#	Article	IF	CITATIONS
19	Multiphoton ionization and chemical dynamics. International Reviews in Physical Chemistry, 1995, 14, 67-84.	2.3	3
20	Uv Multiphoton Induced Chemistry of Nitrobenzene in Solution. Laser Chemistry, 1990, 10, 177-184.	0.5	2
21	Multiphoton Dissociation Dynamics of Organoiron and Organoselenium Molecules. ACS Symposium Series, 1993, , 49-60.	0.5	2
22	Laser Ionization Spectroscopy of Octafluorocyclooctatetraene. Spectroscopy Letters, 1989, 22, 747-761.	1.0	1
23	Photochemistry and photophysics of small heterocyclic molecules: III. Continuous wave CO2 laser chemistry of ethylene oxide. Journal of Physical Organic Chemistry, 1999, 12, 681-687.	1.9	1
24	Rotation barriers in condensed rings: an extension of Clar's stability rule. Journal of Physical Organic Chemistry, 2006, 19, 115-121.	1.9	1
25	Effect of the host polymer on the nanomechanical and morphological properties of templated polymer films. Journal of Applied Polymer Science, 2013, 130, 877-883.	2.6	1
26	Direct growth by arc discharge and computational study of zinc sulfide nanotubes. Journal of Materials Science, 2016, 51, 9716-9722.	3.7	1
27	Laser-assisted chemistry in the reaction of Mg(1S) with CO2 to yield MgO(B 1Σ+). AlP Conference Proceedings, 1988, , .	0.4	0
28	Molecular and electronic structure of benzeneselenenyl molecules and cations. Heteroatom Chemistry, 1995, 6, 499-502.	0.7	0
29	Multiphoton Dissociation of Iron Carbonyls: Emission from Atomic Iron. Spectroscopy Letters, 1996, 29, 41-51	1.0	Ο