Timothy J Fuhrer

List of Publications by Year
in descending order

17	585	1040056 9	1058476 14
papers	citations	h-index	g-index

17	17	17	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Faculty Professional Development on Inclusive Pedagogy Yields Chemistry Curriculum Transformation, Equity Awareness, and Community. Journal of Chemical Education, 2022, 99, 291-300.	2.3	4
2	Thiourea-Catalyzed Amidation of Esters: A New Method for the Preparation of Amides. Letters in Organic Chemistry, 2022, 19, .	0.5	0
3	Toward Taming the Chemical Reversibility of Perfluoropyridine through Molecular Design with Applications to Pre- and Postmodifiable Polymer Architectures. Macromolecules, 2021, 54, 5586-5594.	4.8	11
4	Fluoromaticity: The Molecular Orbital Contributions of Fluorine Substituents to the Ï€-Systems of Aromatic Rings. ACS Omega, 2021, 6, 32607-32617.	3.5	6
5	Theoretical Prediction and Explanation of Reaction Site Selectivity in the Addition of a Phenoxy Group to Perfluoropyrimidine, Perfluoropyridazine, and Perfluoropyrazine. Molecules, 2021, 26, 7637.	3.8	1
6	Density Functional Theory Investigation of Fulvene-Derivatized Fullerenes as Candidates for Organic Solar Cells. Journal of Physical Chemistry A, 2020, 124, 10324-10329.	2.5	1
7	Temperature Dependent Stabilities of the C32 and K@C32, Ca@C32 and Sc@C32 Endohedral Metallofullerene Isomeric Set. Chemical Data Collections, 2020, 28, 100409.	2.3	0
8	Theoretical Explanation of Reaction Site Selectivity in the Addition of a Phenoxy Group to Perfluoropyridine. Journal of Physical Chemistry A, 2019, 123, 9450-9455.	2.5	18
9	Computational study of synergistic effects of electron withdrawing groups as catalysts for fullerene formation. Chemical Data Collections, 2018, 17-18, 415-418.	2.3	0
10	Isolated pentagon rule violating endohedral metallofullerenes explained using the <scp>H</scp>Ã¼ckel rule: A statistical mechanical study of the <scp>C</scp>₈₄ Isomeric Set. Journal of Computational Chemistry, 2015, 36, 146-150.	3.3	5
11	Enhanced Dipole Moments in Trimetallic Nitride Template Endohedral Metallofullerenes with the Pentalene Motif. Journal of the American Chemical Society, 2013, 135, 3351-3354.	13.7	28
12	A missing link in the transformation from asymmetric to symmetric metallofullerene cages implies a top-down fullerene formation mechanism. Nature Chemistry, 2013, 5, 880-885.	13.6	138
13	Nanoscale Fullerene Compression of an Yttrium Carbide Cluster. Journal of the American Chemical Society, 2012, 134, 8487-8493.	13.7	92
14	Electronic Properties and13C NMR Structural Study of Y3N@C88. Inorganic Chemistry, 2011, 50, 4256-4259.	4.0	24
15	Gd₂@C₇₉N: Isolation, Characterization, and Monoadduct Formation of a Very Stable Heterofullerene with a Magnetic Spin State of S = 15/2. Journal of the American Chemical Society, 2011, 133, 9741-9750.	13.7	104
16	89Y and 13C NMR Cluster and Carbon Cage Studies of an Yttrium Metallofullerene Family, Y3N@C2n (n) Tj ETQq0 0 0 rgBT /Overlock 10	13.7	81
17	Highly Regioselective Derivatization of Trimetallic Nitride Templated Endohedral Metallofullerenes via a Facile Photochemical Reaction. Journal of the American Chemical Society, 2008, 130, 17755-17760.	13.7	72