Sule Atahan-Evrenk

List of Publications by Year
in descending order

18	2,613	567281 15	839539 18
papers	citations	h-index	g-index

19	19	19	4200
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning charge transport in solution-sheared organic semiconductors using lattice strain. Nature, 2011, 480, 504-508.	27.8	981
2	The Harvard Clean Energy Project: Large-Scale Computational Screening and Design of Organic Photovoltaics on the World Community Grid. Journal of Physical Chemistry Letters, 2011, 2, 2241-2251.	4.6	470
3	From computational discovery to experimental characterization of a high hole mobility organic crystal. Nature Communications, 2011, 2, 437.	12.8	321
4	Lead candidates for high-performance organic photovoltaics from high-throughput quantum chemistry â€“ the Harvard Clean Energy Project. Energy and Environmental Science, 2014, 7, 698-704.	30.8	189
5	Accelerated computational discovery of high-performance materials for organic photovoltaics by means of cheminformatics. Energy and Environmental Science, 2011, 4, 4849.	30.8	169
6	Multiple coherent states for first-principles semiclassical initial value representation molecular dynamics. Journal of Chemical Physics, 2009, 130, 234113.	3.0	82
7	Effects of Oddâ€“Even Side Chain Length of Alkyl-Substituted Diphenylbithiophenes on First Monolayer Thin Film Packing Structure. Journal of the American Chemical Society, 2013, 135, 11006-11014.	13.7	81
8	Theoretical Characterization of the Air-Stable, High-Mobility Dinaphtho[2,3-b:2â€²3â€²-f]thieno[3,2-b]-thiophene Organic Semiconductor. Journal of Physical Chemistry C, 2010, 114, 2334-2340.	3.1	73
9	First-principles semiclassical initial value representation molecular dynamics. Physical Chemistry Chemical Physics, 2009, 11, 3861.	2.8	70
10	Prediction of Intramolecular Reorganization Energy Using Machine Learning. Journal of Physical Chemistry A, 2019, 123, 7855-7863.	2.5	36
11	Prediction and Theoretical Characterization of p-Type Organic Semiconductor Crystals for Field-Effect Transistor Applications. Topics in Current Chemistry, 2014, 345, 95-138.	4.0	30
12	Coherent Dynamics of Mixed Frenkel and Charge-Transfer Excitons in Dinaphtho[2,3-b:2â€²3â€²-f]thieno[3,2-b]-thiophene Thin Films: The Importance of Hole Delocalization. Journal of Physical Chemistry Letters, 2016, 7, 1374-1380.	4.6	24
13	Coupled-States Statistical Investigation of Vibrational and Rotational Relaxation of OH(2Î) by Collisions with Atomic Hydrogenâ€. Journal of Physical Chemistry A, 2006, 110, 5436-5445.	2.5	17
14	An ab initio investigation of the O(3P)â€“H2(1Î£+g) van der Waals well. Physical Chemistry Chemical Physics, 2006, 8, 4420-4426.	2.8	17
15	Confined organization of fullerene units along high polymer chains. Journal of Materials Chemistry C, 2013, 1, 5747.	5.5	16
16	Cross sections and thermal rate constants for the isotope exchange reaction: D(S2)+OH(Î2)â†'OD(Î2)+H(S2). Journal of Chemical Physics, 2005, 123, 204306.	3.0	15
17	A quantitative structureâ€“property study of reorganization energy for known p-type organic semiconductors. RSC Advances, 2018, 8, 40330-40337.	3.6	13
18	Laser spectroscopic study of the SiAr van der Waals complex. Journal of Chemical Physics, 2002, 116, 9239-9248.	3.0	9