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	Prediction of Intramolecular Reorganization Energy Using Machine Learning. Journal of Physical Chemistry A, 2019, 123, 7855-7863.	2.5	36
2	A quantitative structureâ€“property study of reorganization energy for known p-type organic semiconductors. RSC Advances, 2018, 8, 40330-40337.	3.6	13
3	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
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	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
6	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
7	Confined organization of fullerene units along high polymer chains. Journal of Materials Chemistry C, 2013, 1, 5747.	5.5	16
8	Accelerated computational discovery of high-performance materials for organic photovoltaics by means of cheminformatics. Energy and Environmental Science, 2011, 4, 4849.	30.8	169
9	From computational discovery to experimental characterization of a high hole mobility organic crystal. Nature Communications, 2011, 2, 437.	12.8	321
10	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
11	Tuning charge transport in solution-sheared organic semiconductors using lattice strain. Nature, 2011, 480, 504-508.	27.8	981
12	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
13	Multiple coherent states for first-principles semiclassical initial value representation molecular dynamics. Journal of Chemical Physics, 2009, 130, 234113.	3.0	82
14	First-principles semiclassical initial value representation molecular dynamics. Physical Chemistry Chemical Physics, 2009, 11, 3861.	2.8	70
15	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
16	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
17	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
18	Laser spectroscopic study of the SiAr van der Waals complex. Journal of Chemical Physics, 2002, 116, 9239-9248.	3.0	9