Mostafa Baghbanzadeh

List of Publications by Year
in descending order

16	970	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	1268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conformation, and Charge Tunneling through Molecules in SAMs. Journal of the American Chemical Society, 2021, 143, 3481-3493.	13.7	30
2	Characterizing Chelation at Surfaces by Charge Tunneling. Journal of the American Chemical Society, 2021, 143, 5967-5977.	13.7	10
3	Charge Transport through Selfâ€Assembled Monolayers of Monoterpenoids. Angewandte Chemie, 2019, 131, 8181-8186.	2.0	2
4	Dipole-Induced Rectification Across Ag^{TS}/SAM//Ga₂O₃/EGaIn Junctions. Journal of the American Chemical Society, 2019, 141, 8969-8980.	13.7	40
5	Charge Transport through Selfâ€Assembled Monolayers of Monoterpenoids. Angewandte Chemie - International Edition, 2019, 58, 8097-8102.	13.8	9
6	The Rate of Charge Tunneling in EGaIn Junctions Is Not Sensitive to Halogen Substituents at the Self-Assembled Monolayer//Ga₂O₃ Interface. ACS Nano, 2018, 12, 10221-10230.	14.6	17
7	Anomalously Rapid Tunneling: Charge Transport across Self-Assembled Monolayers of Oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Ov	13.7	41
8	Tunneling across SAMs Containing Oligophenyl Groups. Journal of Physical Chemistry C, 2016, 120, 11331-11337.	3.1	43
9	Autocatalytic, bistable, oscillatory networks of biologically relevant organic reactions. Nature, 2016, 537, 656-660.	27.8	243
10	Charge Tunneling along Short Oligoglycine Chains. Angewandte Chemie - International Edition, 2015, 54, 14743-14747.	13.8	36
11	Characterizing the Metalâ€“SAM Interface in Tunneling Junctions. ACS Nano, 2015, 9, 1471-1477.	14.6	41
12	Interactions between Hofmeister Anions and the Binding Pocket of a Protein. Journal of the American Chemical Society, 2015, 137, 3859-3866.	13.7	89
13	Rectification in Tunneling Junctions: 2,2â€²-Bipyridyl-Terminated n-Alkanethiolates. Journal of the American Chemical Society, 2014, 136, 17155-17162.	13.7	105
14	Oddâ€“Even Effects in Charge Transport across n-Alkanethiolate-Based SAMs. Journal of the American Chemical Society, 2014, 136, 16919-16925.	13.7	96
15	Introducing Ionic and/or Hydrogen Bonds into the SAM//Ga₂O₃ Top-Interface of Ag^{TS}/S(CH₂)_nT//Ga₂O₃/EGaIn Junctions. Nano Letters, 2014, 14, 3521-3526.	9.1	45
16	The Rate of Charge Tunneling Is Insensitive to Polar Terminal Groups in Self-Assembled Monolayers in Ag^{TS}S(CH₂)_nM(CH₂)_mT//Ga₂O₃/su Junctions. Journal of the American Chemical Society, 2014, 136, 16-19.	13.7	113