

Mostafa Baghbanzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

970
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Autocatalytic, bistable, oscillatory networks of biologically relevant organic reactions. <i>Nature</i> , 2016, 537, 656-660.	27.8	243
2	The Rate of Charge Tunneling Is Insensitive to Polar Terminal Groups in Self-Assembled Monolayers in Ag ^{TS} /S(CH ₂) _n /M(CH ₂) _m /T//Ga ₂ O ₃ /EGaIn Junctions. <i>Journal of the American Chemical Society</i> , 2014, 136, 16-19.	13.7	105
3	Rectification in Tunneling Junctions: 2,2'-Bipyridyl-Terminated <i>n</i> -Alkanethiolates. <i>Journal of the American Chemical Society</i> , 2014, 136, 17155-17162.	13.7	105
4	Odd-Even Effects in Charge Transport across <i>n</i> -Alkanethiolate-Based SAMs. <i>Journal of the American Chemical Society</i> , 2014, 136, 16919-16925.	13.7	96
5	Interactions between Hofmeister Anions and the Binding Pocket of a Protein. <i>Journal of the American Chemical Society</i> , 2015, 137, 3859-3866.	13.7	89
6	Introducing Ionic and/or Hydrogen Bonds into the SAM//Ga ₂ O ₃ Top-Interface of Ag ^{TS} /S(CH ₂) _n /T//Ga ₂ O ₃ /EGaIn Junctions. <i>Nano Letters</i> , 2014, 14, 3521-3526.	9.1	45
7	Tunneling across SAMs Containing Oligophenyl Groups. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11331-11337.	3.1	43
8	Characterizing the Metal-SAM Interface in Tunneling Junctions. <i>ACS Nano</i> , 2015, 9, 1471-1477.	14.6	41
9	Anomalous Rapid Tunneling: Charge Transport across Self-Assembled Monolayers of Oligo(ethylene) Tj ETQq1 1 0,784314 rgBT /Over	13.7	41
10	Dipole-Induced Rectification Across Ag ^{TS} /SAM//Ga ₂ O ₃ /EGaIn Junctions. <i>Journal of the American Chemical Society</i> , 2019, 141, 8969-8980.	13.7	40
11	Charge Tunneling along Short Oligoglycine Chains. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14743-14747.	13.8	36
12	Conformation, and Charge Tunneling through Molecules in SAMs. <i>Journal of the American Chemical Society</i> , 2021, 143, 3481-3493.	13.7	30
13	The Rate of Charge Tunneling in EGaIn Junctions Is Not Sensitive to Halogen Substituents at the Self-Assembled Monolayer//Ga ₂ O ₃ Interface. <i>ACS Nano</i> , 2018, 12, 10221-10230.	14.6	17
14	Characterizing Chelation at Surfaces by Charge Tunneling. <i>Journal of the American Chemical Society</i> , 2021, 143, 5967-5977.	13.7	10
15	Charge Transport through Self-Assembled Monolayers of Monoterpenoids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8097-8102.	13.8	9
16	Charge Transport through Self-Assembled Monolayers of Monoterpenoids. <i>Angewandte Chemie</i> , 2019, 131, 8181-8186.	2.0	2