

# Michael T Garvey

## List of Publications by Year in descending order

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19  
papers

345  
citations

759233

12  
h-index

794594

19  
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19  
all docs

19  
docs citations

19  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear-Induced Mechanochemistry: Pushing Molecules Around. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7115-7123.	3.1	65
2	Creation of Low-Coordination Gold Sites on Au(111) Surface by 1,4-phenylene Diisocyanide Adsorption. <i>Topics in Catalysis</i> , 2011, 54, 20-25.	2.8	36
3	Enhanced hydrogenation activity and diastereomeric interactions of methyl pyruvate co-adsorbed with R-1-(1-naphthyl)ethylamine on Pd(111). <i>Nature Communications</i> , 2016, 7, 12380.	12.8	33
4	Formation of Chiral Self-Assembled Structures of Amino Acids on Transition-Metal Surfaces: Alanine on Pd(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 6856-6865.	3.1	26
5	Structure of Methyl Pyruvate and $\pm$ -(1-Naphthyl)ethylamine on Pd(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 8790-8797.	3.1	24
6	Self-Assembled Oligomeric Structures from 1,4-Benzenedithiol on Au(111) and the Formation of Conductive Linkers between Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 23042-23051.	3.1	20
7	Understanding and Controlling the 1,4-Phenylene Diisocyanide "Gold Oligomer Formation Pathways. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20899-20907.	3.1	17
8	Determination of Adsorbate Structures from 1,4-Phenylene Diisocyanide on Gold. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3577-3581.	4.6	17
9	Identification of Adsorption Ensembles on Bimetallic Alloys. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1875-1880.	3.1	16
10	On the Pressure Dependence of Shear Strengths in Sliding, Boundary-Layer Friction. <i>Tribology Letters</i> , 2011, 44, 67-73.	2.6	15
11	Identifying Molecular Species on Surfaces by Scanning Tunneling Microscopy: Methyl Pyruvate on Pd(111). <i>Journal of Physical Chemistry C</i> , 2013, 117, 4505-4514.	3.1	15
12	Formation of Induced-Fit Chiral Templates by Amino Acid-Functionalized Pd(111) Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 3556-3563.	3.1	12
13	Shear properties of potassium chloride films on iron obtained using density functional theory. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 265003.	1.8	11
14	Reactivity and Selectivity in the Au/Pd(111) Alloy-Catalyzed Vinyl Acetate Synthesis. <i>Catalysis Letters</i> , 2013, 143, 756-762.	2.6	10
15	Structural Changes in Self-Catalyzed Adsorption of Carbon Monoxide on 1,4-Phenylene Diisocyanide Modified Au(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 18317-18325.	3.1	9
16	Structure of the Au/Pd(100) Alloy Surface. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4692-4697.	3.1	8
17	Adsorption and Oligomerization of 1,3-Phenylene Diisocyanide on Au(111). <i>Journal of Physical Chemistry C</i> , 2016, 120, 9270-9275.	3.1	5
18	On the film thickness dependence of shear strengths in sliding, boundary-layer friction. <i>Wear</i> , 2012, 274-275, 281-285.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Pressure Dependence of the Shear Strengths of the Tungsten Carbide–Potassium Chloride Interface. Tribology Letters, 2013, 50, 105-113.	2.6	2