

Fatemeh R Rahsepar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surface-Mediated Hydrogen Bonding of Proteinogenic L-Amino Acids on Silicon. <i>Accounts of Chemical Research</i> , 2016, 49, 942-951.	7.6	26
2	Immobilization of methotrexate anticancer drug onto the graphene surface and interaction with calf thymus DNA and 4T1 cancer cells. <i>Bioelectrochemistry</i> , 2018, 119, 1-9.	2.4	23
3	Biofunctionalization of Si(111)7 \times 7 by Renewable L-Cysteine Transitional Layer. <i>Journal of the American Chemical Society</i> , 2014, 136, 16909-16918.	6.6	19
4	Construction and characterization of a theranostic system based on graphene/manganese chelate. <i>Biosensors and Bioelectronics</i> , 2018, 117, 794-801.	5.3	17
5	Shape-dependent magnetism of bimetallic FeNi nanosystems. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6370.	2.7	16
6	Two-Dimensional Self-Assembled Gold Silicide Honeycomb Nanonetwork on Si(111)7 \times 7. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9051-9055.	1.5	13
7	Controlled synthesis of mixed molecular nanostructures from folate and deferoxamine-Ga(III) on gold and tuning their performance for cancer cells. <i>Bioelectrochemistry</i> , 2018, 122, 149-157.	2.4	11
8	Covalent and Hydrogen Bonding in Adsorption of Alanine Molecules on Si(111)7 \times 7. <i>Langmuir</i> , 2021, 37, 5540-5547.	1.6	5
9	Biohybridization of Supported Gold Nanoassemblies on Silicon. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16113-16121.	1.5	4
10	Self-Organized Supported Clusters of L-Methionine. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6534-6542.	1.5	2
11	Surface Functionalization of Reconstructed Si(111) with Methionine. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26980-26988.	1.5	2
12	Structural and Chemical Evolution of L-Cysteine Nanofilm on Si(111)- $\sqrt{3}\times\sqrt{3}$ -Ag: From Preferential Growth at Step Edges and Antiphase Boundaries at Room Temperature to Adsorbate-Mediated Metal Cluster Formation at Elevated Temperature. <i>Langmuir</i> , 2019, 35, 16185-16200.	1.6	2
13	Surface-Induced Keto \rightleftharpoons Enol Tautomerization of DNA Base Molecules and Consequent [4 + 2]-like Cycloaddition on Si(111)7 \times 7. <i>Langmuir</i> , 2022, 38, 1266-1276.	1.6	2
14	Aligned Organic Molecular Wires in Methionine Nanofilm Growth on Si(111)- $\sqrt{3}\times\sqrt{3}$ -Ag. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4223-4234.	1.5	1