

Fatemeh R Rahsepar

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Surface-Induced Keto↔Enol Tautomerization of DNA Base Molecules and Consequent [4 + 2]-like Cycloaddition on Si(111)7Å–7. <i>Langmuir</i> , 2022, 38, 1266-1276. | 1.6 | 2 |
| 2 | Aligned Organic Molecular Wires in Methionine Nanofilm Growth on Si(111)-âˆš3Å–âˆš3-Ag. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4223-4234. | 1.5 | 1 |
| 3 | Covalent and Hydrogen Bonding in Adsorption of Alanine Molecules on Si(111)7Å–7. <i>Langmuir</i> , 2021, 37, 5540-5547. | 1.6 | 5 |
| 4 | Surface Functionalization of Reconstructed Si(111) with Methionine. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26980-26988. | 1.5 | 2 |
| 5 | Structural and Chemical Evolution of L-Cysteine Nanofilm on Si(111)-âˆš3Å–âˆš3-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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Biohybridization of Supported Gold Nanoassemblies on Silicon. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16113-16121. | 1.5 | 4 |
| 9 | Construction and characterization of a theranostic system based on graphene/manganese chelate. <i>Biosensors and Bioelectronics</i> , 2018, 117, 794-801. | 5.3 | 17 |
| 10 | Surface-Mediated Hydrogen Bonding of Proteinogenic Î±-Amino Acids on Silicon. <i>Accounts of Chemical Research</i> , 2016, 49, 942-951. | 7.6 | 26 |
| 11 | Self-Organized Supported Clusters of L-Methionine. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6534-6542. | 1.5 | 2 |
| 12 | Biofunctionalization of Si(111)7Å–7 by â€œRenewableâ€‹<sc>l</sc>-Cysteine Transitional Layer. <i>Journal of the American Chemical Society</i> , 2014, 136, 16909-16918. | 6.6 | 19 |
| 13 | Shape-dependent magnetism of bimetallic FeNi nanosystems. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6370. | 2.7 | 16 |
| 14 | Two-Dimensional Self-Assembled Gold Silicide Honeycomb Nanonetwork on Si(111)7Å–7. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9051-9055. | 1.5 | 13 |