

# Seyedeh Maryam Banihashemian

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic (UV/VIS, Raman) and Electrophoresis Study of Cytosine-Guanine Oligonucleotide DNA Influenced by Magnetic Field. PLoS ONE, 2016, 11, e0149488.	2.5	0
2	Influences of magnetic fields on current-voltage characteristics of gold-DNA-gold structure with variable gaps. Materials Science in Semiconductor Processing, 2015, 36, 134-139.	4.0	8
3	Temperature and Magnetic Field Driven Modifications in the I-V Features of Gold-DNA-Gold Structure. Sensors, 2014, 14, 19229-19241.	3.8	14
4	Optical Characterization of Oligonucleotide DNA Influenced by Magnetic Fields. Molecules, 2013, 18, 11797-11808.	3.8	6
5	Current-Voltage Characterization on Au-DNA-Au Junctions under the Influence of Magnetic Field. Advanced Materials Research, 2012, 535-537, 1350-1353.	0.3	2
6	Electrical Characterization of Gold-DNA-Gold Structures in Presence of an External Magnetic Field by Means of I-V Curve Analysis. Sensors, 2012, 12, 3578-3586.	3.8	18
7	DNA Strand Patterns on Aluminium Thin Films. Sensors, 2011, 11, 6719-6727.	3.8	7
8	Observation and Measurement of Negative Differential Resistance on PtSi Schottky Junctions on Porous Silicon. Sensors, 2010, 10, 1012-1020.	3.8	14
9	Investigation of the Electrical Resistivity of 20-nm-Gap Gold-DNA-Gold Structure: Exploiting the Current-Voltage Characteristics under a Variable External Magnetic Field. Applied Mechanics and Materials, 0, 554, 155-159.	0.2	4