

# Songul Taran

## List of Publications by Year in descending order

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20  
papers

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citations

1478505

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1588992

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all docs

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docs citations

20  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Composition effect on melting behaviors of Cu-Au-Pt trimetallic nanoalloys. Computational and Theoretical Chemistry, 2019, 1166, 112576.	2.5	14
2	A theoretical study on chemical ordering of 38-atom trimetallic Pd@Ag@Pt nanoalloys. Chinese Physics B, 2020, 29, 077801.	1.4	13
3	Theoretical study of the structures and chemical ordering of CoPd nanoalloys supported on MgO(001). International Journal of Modern Physics C, 2016, 27, 1650146.	1.7	10
4	Stability and magnetic behaviour of 19-, 23- and 26-atom trimetallic Pt@Ni@Ag nanoalloys. Molecular Physics, 2020, 118, e1818859.	1.7	9
5	Investigation of the Chemical Ordering and Structural Properties of the Trimetallic (PtNi)@Ag Nanoalloys. Journal of Cluster Science, 2021, 32, 199-208.	3.3	9
6	A molecular dynamics study: structural and thermal evolution of 147 atom ComAun nanoalloys. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	8
7	High photo-responsivity Au/polyvinyl alcohol (PVA)+di[1-(2-ethoxyethyl)-5-nitrobenzimidazole] copper dichloride/n-Si UV photodiode. Sensors and Actuators A: Physical, 2020, 315, 112335.	4.1	8
8	Chemical ordering effect on structural stability of trimetallic Cu-Au-Pt nanoalloys. Physica Scripta, 2020, 95, 085404.	2.5	6
9	ULTRAVIOLET ILLUMINATION RESPONSIVITY OF THE Au/n-Si DIODES WITH AND WITHOUT POLY (LINOENIC) Tj ETQq1 1 0.784314 rg Letters, 2020, 27, 1950207.	1.1	6
10	Synthesis and characterization of novel benzimidazole cobalt and copper complexes and applying in Au/PVA/n-Si diode. Physica B: Condensed Matter, 2020, 589, 412217.	2.7	5
11	Effect of the photoanode fabrication condition, electrolyte type and illumination type on dye-sensitized solar cells performance. Bulletin of Materials Science, 2021, 44, 1.	1.7	5
12	Structural and dynamics properties of double icosahedral Pd-Ag-Pt trimetallic clusters. International Journal of Modern Physics B, 2020, 34, 2050063.	2.0	3
13	13 Atomlu Cu-Au-Pt $\frac{1}{4}$ Metal Nanoalloyların Yapısal Özellikleri. Düzce Üniversitesi Bilim Ve Teknoloji Dergisi, 2019, 7, 1204-1216.	0.7	3
14	Synthesis of benzimidazole moiety heteroleptic ruthenium complex and use as sensitizer in dye-sensitized solar cells. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
15	Double parallel barrier height behavior of Au/Poly (linoleic acid)-g-poly (methyl methacrylate) (PLiMMA)/n-Si structure. Microelectronics Reliability, 2019, 99, 132-136.	1.7	2
16	Electrical property investigation of the Au/n-Si and Au/PVA+benzimidazole Co complex/n-Si diodes under ultraviolet illumination. Journal of Materials Science: Materials in Electronics, 2021, 32, 6323-6330.	2.2	2
17	Annealing effects of photoanode on dye sensitized solar cell performance. Molecular Crystals and Liquid Crystals, 2021, 724, 102-110.	0.9	2
18	Structural and magnetic properties of polyicosahedral Ni@Pt@Cu ternary nanoalloys. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 155101.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Structural and dynamical properties of Au-Pd bimetallic nanoalloys supported on MgO(001). Molecular Physics, 2021, 119, e1881180.	1.7	1
20	ConPdm ve ConAum (n+m=100) NanoalaÄ±mlarÄ±n MgO(001) YÄ¼zeyi Äœzerindeki YapÄ±sal Äzelliklerinin Äncelenmesi. DÄ¼zce Äœniversitesi Bilim Ve Teknoloji Dergisi, 2018, 6, 791-807.	0.7	1