

Malek Naderi

List of Publications by Year in descending order

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44
papers

1,173
citations

394286

19
h-index

395590

33
g-index

44
all docs

44
docs citations

44
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing highly active Unique Hollow@ (Au@Pt) core-shell nanostructure as electro-catalyst for ethanol oxidation reactions. Journal of the Iranian Chemical Society, 2022, 19, 4261-4274.	1.2	2
2	Synthesis and Nanomechanical Properties of Polystyrene/Silica Core/Shell Particles Via Atomic Force Microscopy. Langmuir, 2021, 37, 10602-10611.	1.6	9
3	Adsorption performance of reduced graphene-oxide/cellulose nano-crystal hybrid aerogels reinforced with waste-paper extracted cellulose-fibers for the removal of toluene pollution. Materials Today Communications, 2021, 28, 102610.	0.9	9
4	Fabrication of paper based carbon/graphene/ZnO aerogel composite decorated by polyaniline nanostructure: Investigation of electrochemical properties. Ceramics International, 2021, 47, 29908-29918.	2.3	7
5	Graphene aerogel/cellulose fibers/magnetite nanoparticles (GCM) composite as an effective Au adsorbent from cyanide solution with favorable electrochemical property. Journal of Molecular Liquids, 2020, 314, 113792.	2.3	15
6	Enhanced electrochemical performance of graphene aerogels by using combined reducing agents based on mild chemical reduction method. Ceramics International, 2020, 46, 22197-22207.	2.3	18
7	Molecular dynamics simulation of mechanical properties of polystyrene nanoparticles under uniaxial compression test. Computational Materials Science, 2020, 178, 109553.	1.4	8
8	Synthesis of N-doped graphene aerogel/Co ₃ O ₄ /ZnO ternary nanocomposite via mild reduction method with an emphasis on its electrochemical characteristics. Journal of Alloys and Compounds, 2019, 794, 625-633.	2.8	22
9	The effect of thermomechanical treatment on the microstructure and mechanical properties of high Mn-Cr austenitic steels. International Journal of Materials Research, 2019, 110, 946-953.	0.1	1
10	Grain growth behaviour of an AISI 422 martensitic stainless steel after hot deformation process. Canadian Metallurgical Quarterly, 2018, 57, 367-379.	0.4	0
11	Synthesis and characterization of hollow gold nanoparticles by recovery of gold from secondary resources. Journal of the Iranian Chemical Society, 2018, 15, 537-546.	1.2	4
12	Dynamic Recrystallization Behavior of AISI 422 Stainless Steel During Hot Deformation Processes. Journal of Materials Engineering and Performance, 2018, 27, 560-571.	1.2	9
13	The ablation behavior of ZrB ₂ -SiC coating prepared by shrouded plasma spray on SiC-coated graphite. Journal of Alloys and Compounds, 2018, 742, 797-803.	2.8	33
14	A facile chemical route for synthesis of nitrogen-doped graphene aerogel decorated by Co ₃ O ₄ nanoparticles. Ceramics International, 2018, 44, 23162-23171.	2.3	21
15	Ablation mechanism of ZrB ₂ -SiC coating for SiC-coated graphite under an oxyacetylene flame. Surface and Coatings Technology, 2018, 350, 511-518.	2.2	24
16	The Ablation and Oxidation Behaviors of SiC Coatings on Graphite Prepared by Slurry Sintering and Pack Cementation. Journal of Materials Engineering and Performance, 2018, 27, 3900-3910.	1.2	5
17	Effect of nitrogen flow ratio on nano-mechanical properties of tantalum nitride thin film. Journal of Alloys and Compounds, 2017, 719, 63-70.	2.8	24
18	Chemical synthesis of gold nanoparticles with different morphology from a secondary source. Journal of the Iranian Chemical Society, 2016, 13, 2173-2184.	1.2	5

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19	Numerical investigation of sputtering power effect on nano-tribological properties of tantalum-nitride film using molecular dynamics simulation. <i>Applied Surface Science</i> , 2016, 367, 197-204.	3.1	16
20	Synthesis of magnetite@gold nanoshells by means of the secondary gold resource. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1709-1716.	1.2	9
21	Constitutive Modeling During Simultaneous Forming and Quenching of a Boron Bearing Steel at High Temperatures. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 808-815.	1.2	11
22	Using thiourea ligand of gold-thiourea complex to facile direct synthesis of silica@gold core@shell nanostructures. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 2253-2261.	1.2	6
23	Superparamagnetic plasmonic nanocomposites: Synthesis and characterization studies. <i>Chemical Engineering Journal</i> , 2015, 264, 66-76.	6.6	9
24	Wear Behavior of Hardfacing Coatings Applied on Glass Processing Tools. <i>Steel Research International</i> , 2014, 85, 579-588.	1.0	1
25	Gold recovery from copper anode slime by means of magnetite nanoparticles (MNPs). <i>Hydrometallurgy</i> , 2014, 143, 54-59.	1.8	40
26	Synthesis and characterization of hollow gold nanoparticles using silica spheres as templates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1069-1075.	2.3	34
27	Influence of welding parameters on microstructure and mechanical performance of resistance spot welded high strength steels. <i>Acta Metallurgica Sinica (English Letters)</i> , 2013, 26, 635-640.	1.5	16
28	Fatigue behavior of functionally graded steel produced by electro-slag remelting. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 584, 143-149.	2.6	2
29	Synthesis and physicochemical characterization of tunable silica@gold nanoshells via seed growth method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 414, 345-351.	2.3	32
30	Martensitic Transformation Behavior of B-bearing Steel During Isothermal Deformation. <i>Steel Research International</i> , 2012, 83, 733-742.	1.0	4
31	A comparative study of the microstructure and mechanical properties of HTLA steel welds obtained by the tungsten arc welding and resistance spot welding. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 534, 90-100.	2.6	23
32	Influence of hot plastic deformation and cooling rate on martensite and bainite start temperatures in 22MnB5 steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 540, 24-29.	2.6	119
33	The effect of strain rate and deformation temperature on the characteristics of isothermally hot compressed boron-alloyed steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2012, 538, 356-363.	2.6	49
34	Semi-hot Stamping as an Improved Process of Hot Stamping. <i>Journal of Materials Science and Technology</i> , 2011, 27, 369-376.	5.6	41
35	Analysis of microstructure and mechanical properties of different high strength carbon steels after hot stamping. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1117-1125.	3.1	106
36	Fracture toughness evaluation of 3Cr-1Mo steel from Vickers indentation and tensile test data. <i>Procedia Engineering</i> , 2011, 10, 228-235.	1.2	5

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37	Analysis of microstructure and mechanical properties of different boron and non-boron alloyed steels after being hot stamped. <i>Procedia Engineering</i> , 2011, 10, 460-465.	1.2	31
38	Analysis of Microstructure and Mechanical Properties of Different Hot Stamped Bêbearing Steels. <i>Steel Research International</i> , 2010, 81, 216-223.	1.0	25
39	Constitutive relationships for 22MnB5 boron steel deformed isothermally at high temperatures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 478, 130-139.	2.6	130
40	The effects of non-isothermal deformation on martensitic transformation in 22MnB5 steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 487, 445-455.	2.6	128
41	Quantitative and qualitative investigation of the heterogeneous microstructures using surface hardness mapping and dilatation data. <i>Materials Letters</i> , 2008, 62, 1132-1135.	1.3	25
42	A Numerical and Experimental Investigation into Hot Stamping of Boron Alloyed Heat Treated Steels. <i>Steel Research International</i> , 2008, 79, 77-84.	1.0	85
43	Martensitic Transformation during Simultaneous High Temperature Forming and Cooling Experiments. <i>Steel Research International</i> , 2007, 78, 914-920.	1.0	8
44	Quantification of Phase Transformation Kinetics under Thermomechanical Conditions Using Dilatometry Data. <i>Advanced Materials Research</i> , 0, 622-623, 581-584.	0.3	2