

Abbas Amini

List of Publications by Year in descending order

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127
papers

3,840
citations

147566

31
h-index

155451

55
g-index

134
all docs

134
docs citations

134
times ranked

6146
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Property and Structure of Covalent Functionalised Graphene/Epoxy Nanocomposites. Scientific Reports, 2014, 4, 4375.	1.6	458
2	Enhanced photocatalytic performance of TiO ₂ -ZnO hybrid nanostructures. Scientific Reports, 2014, 4, 4181.	1.6	248
3	PEDOT:PSS/graphene quantum dots films with enhanced thermoelectric properties via strong interfacial interaction and phase separation. Scientific Reports, 2018, 8, 6441.	1.6	151
4	Crack Damage in Polymers and Composites: A Review. Polymer Reviews, 2016, 56, 31-69.	5.3	135
5	Construction of highly efficient Z-scheme ZnxCd1-xS/Au@g-C ₃ N ₄ ternary heterojunction composite for visible-light-driven photocatalytic reduction of CO ₂ to solar fuel. Applied Catalysis B: Environmental, 2021, 282, 119600.	10.8	129
6	Functionalized Graphene Oxide with Chitosan for Protein Nanocarriers to Protect against Enzymatic Cleavage and Retain Collagenase Activity. Scientific Reports, 2017, 7, 42258.	1.6	113
7	Recent advances in fabrication strategies, phase transition modulation, and advanced applications of vanadium dioxide. Applied Physics Reviews, 2019, 6, .	5.5	93
8	Twin Defect Derived Growth of Atomically Thin MoS ₂ Dendrites. ACS Nano, 2018, 12, 635-643.	7.3	92
9	Freestanding agaric-like molybdenum carbide/graphene/N-doped carbon foam as effective polysulfide anchor and catalyst for high performance lithium sulfur batteries. Energy Storage Materials, 2020, 33, 73-81.	9.5	81
10	Single-electrode triboelectric nanogenerator based on economical graphite coated paper for harvesting waste environmental energy. Nano Energy, 2019, 66, 104141.	8.2	71
11	Polyoxometalate-Derived Hexagonal Molybdenum Nitrides (MXenes) Supported by Boron, Nitrogen Codoped Carbon Nanotubes for Efficient Electrochemical Hydrogen Evolution from Seawater. Advanced Functional Materials, 2019, 29, 1805893.	7.8	69
12	Towards Simplifying the Device Structure of High-Performance Perovskite Solar Cells. Advanced Functional Materials, 2020, 30, 2000863.	7.8	67
13	<i>In vitro</i> and <i>in vivo</i> antifungal properties of silver nanoparticles against <i>Rhizoctonia solani</i> , a common agent of rice sheath blight disease. IET Nanobiotechnology, 2017, 11, 236-240.	1.9	61
14	Antisolvent Engineering to Optimize Grain Crystallinity and Hole-Blocking Capability of Perovskite Films for High-Performance Photovoltaics. Advanced Materials, 2021, 33, e2102816.	11.1	61
15	Biosynthesis of Silver Nanoparticles Using Pine Pollen and Evaluation of the Antifungal Efficiency. Iranian Journal of Biotechnology, 2017, 15, 95-101.	0.3	53
16	Self-Assembly and Horizontal Orientation Growth of VO ₂ Nanowires. Scientific Reports, 2014, 4, 5456.	1.6	49
17	Graphene oxide and its derivatives as promising In-vitro bio-imaging platforms. Scientific Reports, 2020, 10, 18052.	1.6	48
18	MOFs-derived ZnCo-Fe core-shell nanocages with remarkable oxygen evolution reaction performance. Journal of Materials Chemistry A, 2019, 7, 17299-17305.	5.2	47

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19	MXene-based cytosensor for the detection of HER2-positive cancer cells using CoFe ₂ O ₄ @Ag magnetic nanohybrids conjugated to the HB5 aptamer. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113626.	5.3	47
20	Shape-Dependent Defect Structures of Monolayer MoS ₂ Crystals Grown by Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 763-770.	4.0	45
21	Joule heating driven infrared switching in flexible VO ₂ nanoparticle films with reduced energy consumption for smart windows. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4516-4524.	5.2	44
22	Organic Monomolecular Layers Enable Energy-Level Matching for Efficient Hole Transporting Layer Free Inverted Perovskite Solar Cells. <i>ACS Nano</i> , 2019, 13, 1625-1634.	7.3	41
23	Single-Crystalline Vanadium Dioxide Actuators. <i>Advanced Functional Materials</i> , 2019, 29, 1900527.	7.8	37
24	Strained Epitaxy of Monolayer Transition Metal Dichalcogenides for Wrinkle Arrays. <i>ACS Nano</i> , 2021, 15, 6633-6644.	7.3	37
25	Metal oxide-based gas sensors for the detection of exhaled breath markers. <i>Medical Devices & Sensors</i> , 2021, 4, e10161.	2.7	36
26	Sandwiched Li plating between Lithiophilic-Lithiophobic gradient Silver@Fullerene interphase layer for ultrastable lithium metal anodes. <i>Chemical Engineering Journal</i> , 2022, 429, 132156.	6.6	36
27	Visible light photoinactivation of bacteria by tungsten oxide nanostructures formed on a tungsten foil. <i>Applied Surface Science</i> , 2015, 338, 55-60.	3.1	35
28	Bifunctional Ultrathin PCBM Enables Passivated Trap States and Cascaded Energy Level toward Efficient Inverted Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20103-20109.	4.0	35
29	Hybrid graphene oxide decoration and water-based polymers for mild steel surface protection in saline environment. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 74, 41-54.	2.9	34
30	Hierarchical heterostructured nickel foam-supported Co ₃ S ₄ nanorod arrays embellished with edge-exposed MoS ₂ nanoflakes for enhanced alkaline hydrogen evolution reaction. <i>Materials Today Energy</i> , 2020, 18, 100513.	2.5	34
31	Depth dependency of indentation hardness during solid-state phase transition of shape memory alloys. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	33
32	Facile fabrication of PVB-PVA blend polymer nanocomposite for simultaneous removal of heavy metal ions from aqueous solutions: Kinetic, equilibrium, reusability and adsorption mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106214.	3.3	33
33	Loading rate dependency of maximum nanoindentation depth in nano-grained NiTi shape memory alloy. <i>Materials Letters</i> , 2011, 65, 464-466.	1.3	32
34	V ₂ O ₅ -C-SnO ₂ Hybrid Nanobelts as High Performance Anodes for Lithium-ion Batteries. <i>Scientific Reports</i> , 2016, 6, 33597.	1.6	31
35	Role of chitosan on the growth, physiological parameters and enzymatic activity of milk thistle (<i>Silybum marianum</i> (L.) Gaertn.) in a pot experiment. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2018, 10, 49-58.	0.9	31
36	Phase management in single-crystalline vanadium dioxide beams. <i>Nature Communications</i> , 2021, 12, 4214.	5.8	31

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37	Green synthesis of silver nanoparticles with a long lasting stability using colloidal solution of cowpea seeds (<i>Vigna sp. L.</i>). <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2023-2032.	3.3	30
38	Oxide Inhibitor-Assisted Growth of Single-Layer Molybdenum Dichalcogenides (MoX_2 , X = S, Se) Tj ETQq0 0,0rgBT /Overlock 10	7.3	30
39	Fabricating High-Efficient Blade-Coated Perovskite Solar Cells under Ambient Condition Using Lead Acetate Trihydrate. <i>Solar Rrl</i> , 2018, 2, 1700214.	3.1	29
40	Organoid Technology: Current Standing and Future Perspectives. <i>Stem Cells</i> , 2021, 39, 1625-1649.	1.4	29
41	Electrocatalytic Hydrogen Production: Polyoxometalate-Derived Hexagonal Molybdenum Nitrides (MXenes) Supported by Boron, Nitrogen Codoped Carbon Nanotubes for Efficient Electrochemical Hydrogen Evolution from Seawater (<i>Adv. Funct. Mater.</i> 8/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970046.	7.8	28
42	Controlled growth of atomically thin transition metal dichalcogenides via chemical vapor deposition method. <i>Materials Today Advances</i> , 2020, 8, 100098.	2.5	28
43	A facile Friedel-Crafts acylation for the synthesis of polyethylenimine-grafted multi-walled carbon nanotubes as efficient gene delivery vectors. <i>International Journal of Pharmaceutics</i> , 2016, 502, 125-137.	2.6	27
44	Phosphorous doped graphitic-C3N4 hierarchical architecture for hydrogen production from water under visible light. <i>Materials Today Energy</i> , 2017, 5, 91-98.	2.5	27
45	Application of nanomaterial graphene oxide on biochemical traits of Milk thistle (<i>Silybum marianum</i>) Tj ETQq1 1 0.784314 rgBT /Over 0.1 27	0.1	27
46	Nanobased Platforms for Diagnosis and Treatment of COVID-19: From Benchtop to Bedside. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2150-2176.	2.6	27
47	Dispersing single-walled carbon nanotubes in ionic liquids: a quantitative analysis. <i>RSC Advances</i> , 2013, 3, 20034.	1.7	26
48	Research progress on graphene-based materials for high-performance lithium-metal batteries. <i>New Carbon Materials</i> , 2021, 36, 711-728.	2.9	26
49	The Role of Polyethylene Glycol Size in Chemical Spectra, Cytotoxicity, and Release of PEGylated Nanoliposomal Cisplatin. <i>Assay and Drug Development Technologies</i> , 2019, 17, 231-239.	0.6	25
50	Fractionation of graphene oxide single nano-sheets in water-glycerol solutions using gradient centrifugation. <i>Carbon</i> , 2016, 103, 363-371.	5.4	24
51	Ion modification of transition cobalt oxide by soaking strategy for enhanced water splitting. <i>Chemical Engineering Journal</i> , 2021, 423, 130218.	6.6	24
52	Natural phosphate-supported $\text{Cu}(\text{II})$, an efficient and recyclable catalyst for the synthesis of xanthenes and 1,4-disubstituted-1,2,3-triazole derivatives. <i>RSC Advances</i> , 2018, 8, 41536-41547.	1.7	23
53	Expression of key apoptotic genes in hepatocellular carcinoma cell line treated with etoposide-loaded graphene oxide. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101725.	1.4	23
54	NiCoS_x @Cobalt Carbonate Hydroxide Obtained by Surface Sulfurization for Efficient and Stable Hydrogen Evolution at Large Current Densities. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35647-35656.	4.0	23

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55	Doping Free and Amorphous NiO _x Film via UV Irradiation for Efficient Inverted Perovskite Solar Cells. <i>Advanced Science</i> , 2022, 9, e2201543.	5.6	23
56	Novel symmetric Schiff-base benzobisthiazole-salicylidene derivative with fluorescence turn-on behavior for detecting Pb ²⁺ ion. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112190.	2.0	22
57	Vanadium dioxide for thermochromic smart windows in ambient conditions. <i>Materials Today Energy</i> , 2021, 21, 100827.	2.5	22
58	A reduced graphene oxide- β -cyclodextrin nanocomposite-based electrode for electrochemical detection of curcumin. <i>RSC Advances</i> , 2021, 11, 7862-7872.	1.7	22
59	Pilus-encoding islets in <i>S. agalactiae</i> and its association with antibacterial resistance and serotype distribution. <i>Microbial Pathogenesis</i> , 2018, 116, 189-194.	1.3	21
60	Liberating Researchers from the Glovebox: A Universal Thermal Radiation Protocol Toward Efficient Fully Air-Processed Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1800324.	3.1	21
61	Highly Efficient Visible-Light-Driven Photocatalytic Hydrogen Production Using Robust Noble-Metal-Free Zn 0.5 Cd 0.5 S@Graphene Composites Decorated with MoS ₂ Nanosheets. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000010.	1.9	21
62	Multiple Regulation over Growth Direction, Band Structure, and Dimension of Monolayer WS ₂ by a Quartz Substrate. <i>Chemistry of Materials</i> , 2020, 32, 2508-2517.	3.2	21
63	Limitations and solutions for achieving high-performance perovskite tandem photovoltaics. <i>Nano Energy</i> , 2021, 88, 106219.	8.2	20
64	Targeted Graphene Oxide Networks: Cytotoxicity and Synergy with Anticancer Agents. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43523-43532.	4.0	18
65	Phase Transition Hysteresis of Tungsten Doped VO ₂ Synergistically Boosts the Function of Smart Windows in Ambient Conditions. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3648-3656.	2.0	18
66	Phase Transformation Evolution in NiTi Shape Memory Alloy under Cyclic Nanoindentation Loadings at Dissimilar Rates. <i>Scientific Reports</i> , 2013, 3, 3412.	1.6	17
67	Recent progress on kinetic control of chemical vapor deposition growth of high-quality wafer-scale transition metal dichalcogenides. <i>Nanoscale Advances</i> , 2021, 3, 3430-3440.	2.2	16
68	Cross-linked poly(vinyl butyral)/ amine-functionalized polyacrylonitrile adsorptive membrane nano-composited with CeO ₂ nanoparticles for simultaneous aqueous removal of heavy metals and cefotaxime. <i>Chemical Engineering Journal</i> , 2022, 435, 134849.	6.6	16
69	Bridging the Interfacial Contact for Improved Stability and Efficiency of Inverted Perovskite Solar Cells. <i>Small</i> , 2022, 18, e2201694.	5.2	16
70	Effect of poly and mono-unsaturated fatty acids on stability and structure of recombinant S100A8/A9. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 35-42.	3.6	15
71	Magnetic AgNPs/Fe ₃ O ₄ @chitosan/PVA nanocatalyst for fast one-pot green synthesis of propargylamine and triazole derivatives. <i>New Journal of Chemistry</i> , 2021, 45, 16119-16130.	1.4	15
72	Effect of graphene layers on the thermomechanical behaviour of a NiTi shape memory alloy during the nanoscale phase transition. <i>Scripta Materialia</i> , 2013, 68, 420-423.	2.6	14

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73	On anomalous depth-dependency of the hardness of NiTi shape memory alloys in spherical nanoindentation. <i>Journal of Materials Research</i> , 2013, 28, 2031-2039.	1.2	14
74	Nature of hardness evolution in nanocrystalline NiTi shape memory alloys during solid-state phase transition. <i>Scientific Reports</i> , 2013, 3, 2476.	1.6	14
75	Hierarchical ZnO Nanostructures with Blooming Flowers Driven by Screw Dislocations. <i>Scientific Reports</i> , 2015, 5, 8226.	1.6	14
76	Multistimuli-Responsive Insect-Scale Soft Robotics Based on Anisotropic Super-Aligned VO ₂ Nanowire/Carbon Nanotube Bimorph Actuators. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000051.	3.3	14
77	Low cost numerical solution for three-dimensional linear and nonlinear integral equations via three-dimensional Jacobi polynomials. <i>Journal of Computational and Applied Mathematics</i> , 2017, 319, 493-513.	1.1	13
78	Chemically stable porous crystalline macromolecule hydrazone-linked covalent organic framework for CO ₂ capture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 613, 126078.	2.3	13
79	Highly-Efficient Sulfonated UiO-66(Zr) Optical Fiber for Rapid Detection of Trace Levels of Pb ²⁺ . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6053.	1.8	13
80	Temperature variations at nano-scale level in phase transformed nanocrystalline NiTi shape memory alloys adjacent to graphene layers. <i>Nanoscale</i> , 2013, 5, 6479.	2.8	12
81	Effect of friction hardening pre-treatment on increasing cytocompatibility of alkali heat-treated Ti-6Al-4V alloy. <i>Surface and Coatings Technology</i> , 2018, 353, 148-157.	2.2	12
82	Fully Optically Tunable and Flexible Composite Films for Enhanced Terahertz Control and Multifunctional Terahertz Devices. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3044-3051.	2.0	12
83	Noble-Metal-Free Oxygen Evolution Reaction Electrocatalysts Working at High Current Densities over 1000 mA/cm ² : From Fundamental Understanding to Design Principles. <i>Energy and Environmental Materials</i> , 2023, 6, .	3.3	12
84	Effects of dynamic loading on nano-scale depth-recovery and damping property of single crystal CuAlNi shape memory alloy. <i>Journal of Alloys and Compounds</i> , 2012, 545, 222-224.	2.8	11
85	Novel versatile 3D bio-scaffold made of natural biocompatible hagfish exudate for tissue growth and organoid modeling. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 894-902.	3.6	11
86	Y-shaped ZnO Nanobelts Driven from Twinned Dislocations. <i>Scientific Reports</i> , 2016, 6, 22494.	1.6	10
87	Free-Molecular-Flow Modulated Synthesis of Hexagonal Boron Nitride Monolayers. <i>Crystal Growth and Design</i> , 2019, 19, 7007-7014.	1.4	10
88	Functionalization of Graphene Oxide Nanosheets Can Reduce Their Cytotoxicity to Dental Pulp Stem Cells. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-14.	1.5	10
89	Combinational rate effects on the performance of nano-grained pseudoelastic Nitinol. <i>Materials Letters</i> , 2013, 105, 98-101.	1.3	9
90	A new operational method to solve Abel TM s and generalized Abel TM s integral equations. <i>Applied Mathematics and Computation</i> , 2018, 317, 49-67.	1.4	9

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91	One-pot facile simultaneous <i>in situ</i> synthesis of conductive Ag@polyaniline composites using Keggin and Preyssler-type phosphotungstates. RSC Advances, 2019, 9, 2772-2783.	1.7	9
92	Hyper IgE syndromes: A clinical approach. Clinical Immunology, 2022, 237, 108988.	1.4	8
93	Three Dimensional Sculpturing of Vertical Nanowire Arrays by Conventional Photolithography. Scientific Reports, 2016, 6, 18886.	1.6	7
94	Low-temperature wafer-scale fabrication of vertical VO ₂ nanowire arrays. Applied Physics Letters, 2020, 117, .	1.5	7
95	The potential of surface nano-engineering in characteristics of cobalt-based nanoparticles and biointerface interaction with prokaryotic and human cells. Colloids and Surfaces B: Biointerfaces, 2022, 215, 112485.	2.5	7
96	Berseem clover quality and basil essential oil yield in intercropping system under limited irrigation treatments with surfactant. Agricultural Water Management, 2016, 164, 331-339.	2.4	6
97	A new numerical method for delay and advanced integro-differential equations. Numerical Algorithms, 2018, 77, 381-412.	1.1	6
98	Directly Probing Light Absorption Enhancement of Single Hierarchical Structures with Engineered Surface Roughness. Scientific Reports, 2018, 8, 12283.	1.6	6
99	In vitro Antibacterial Biofilm effect of Magnesium Oxide Nanoparticles on Streptococcus mutans. Micro & Nano Biomedicine, 2016, 1, .	0.0	6
100	Soft hypergraph for modeling global interactions via social media networks. Expert Systems With Applications, 2022, 203, 117466.	4.4	6
101	2,6-Pyridinedicarbohydrazide-Salicylal hydrazone-base derivative with High detection limit and binding Constant for emissive ion chemosensing in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 392, 112344.	2.0	5
102	Capacity of quartz fibers with high filtration efficiency for capturing soot aerosol particles. International Journal of Environmental Science and Technology, 2018, 15, 1039-1048.	1.8	4
103	Anticancer Property of Lanthanide Sulfate Nanostructure Against Neuroblastoma-Neuro2a Cell Line. BioNanoScience, 2021, 11, 696-702.	1.5	4
104	Elevated Plasma Concentrations of Vitamin D-Binding Protein Are Associated with Lower High-Density Lipoprotein and Higher Fat Mass Index in Overweight and Obese Women. Nutrients, 2021, 13, 3223.	1.7	4
105	Modifying effects of carboxyl group on the interaction of recombinant S100A8/A9 complex with tyrosinase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 370-379.	1.1	3
106	Physical and chemical reaction sensing in a mixed aqueous solution via metal-organic framework thin film coated optical fiber. Microwave and Optical Technology Letters, 2020, 62, 72-77.	0.9	3
107	Association of vitamin D-binding protein and vitamin D3 with insulin and homeostatic model assessment (HOMA-IR) in overweight and obese females. BMC Research Notes, 2021, 14, 193.	0.6	3
108	The negative relationship of dietary inflammatory index and sleeping quality in obese and overweight women. International Journal for Vitamin and Nutrition Research, 2023, 93, 219-225.	0.6	3

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109	Natural vs. Synthetic Phosphate as Efficient Heterogeneous Compounds for Synthesis of Quinoxalines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13665.	1.8	3
110	Nanoscale variation in energy dissipation in austenitic shape memory alloys in ultimate loading cycles. <i>Journal of Intelligent Material Systems and Structures</i> , 2015, 26, 2411-2417.	1.4	2
111	Structural characterization of recombinant human fibroblast growth factor receptor 2b kinase domain upon interaction with omega fatty acids. <i>Chemistry and Physics of Lipids</i> , 2017, 202, 21-27.	1.5	2
112	Organic Semiconductorâ€“Insulator Blends for Organic Fieldâ€“Effect Transistors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2022, 16, .	1.2	2
113	Hypothesis on Phase Transition Nucleation and Propagation in Polycrystalline NiTi shape Memory Alloys under Nanoscale Compressive Loading. <i>Materials Today: Proceedings</i> , 2016, 3, 708-714.	0.9	1
114	Coated nanodiamonds interact with tubulin beta-III negative cells of adult brain tissue. <i>Biointerphases</i> , 2020, 15, 061009.	0.6	1
115	Fundamental relations and identities of fuzzy hyperalgebras. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 2265-2274.	0.8	1
116	Quantitative Evaluation of Thermal Conductivity of Singleâ€“Bent Microwire Using Vanadium Dioxide Temperature Tag. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100348.	0.8	1
117	Why nanodiamond carriers manage to overcome drug resistance in cancer. , 2020, 3, 854-866.		1
118	Genotyping and Phylogenetic Analysis of Group B Streptococcus by Multiple Locus Variable Number Tandem Repeat Analysis in Iran. <i>Galen</i> , 2018, 7, e1121.	0.6	1
119	Intuitionistic fuzzy set of \tilde{I} â€“submodules and its application in modeling spread of viral diseases, mutated COVIDâ€“19 , via flights. <i>International Journal of Intelligent Systems</i> , 2022, 37, 5134-5151.	3.3	1
120	Nonlinear Parameters of Shape Memory Alloys via Strain Rate. , 2009, , .		0
121	Nonlinear Dynamic Modeling of Smart Composite With Piezoelectric Nitinol and MMC. , 2009, , .		0
122	Finite Element Martensite Ratio Derivation on NiTi via Measurable Criteria of Strain Rate. , 2009, , .		0
123	Smart Materials, Characteristics, Applications and Modeling. , 2009, , .		0
124	Improved Nanoindentation Phase Transformation in Functional Structure of NiTi SMA and Graphene. <i>Advanced Materials Research</i> , 0, 1119, 160-164.	0.3	0
125	Actuators: Singleâ€“Crystalline Vanadium Dioxide Actuators (Adv. Funct. Mater. 20/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970138.	7.8	0
126	Cross-Linked Poly(Vinyl Butyral)/ Amine-Functionalized Polyacrylonitrile Adsorptive Membrane Nano-Composited with CeO ₂ Nanorods for Simultaneous Aqueous Removal of Heavy Metals and Cefotaxime. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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127	Genotyping and Phylogenetic Analysis of Group B Streptococcus by Multiple Locus Variable Number Tandem Repeat Analysis in Iran. Galen, 0, 7, e1121.	0.6	0