

# Abdel Magid Salem Hamouda

## List of Publications by Year in descending order

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Version: 2024-02-01

300  
papers

8,226  
citations

44069

48  
h-index

79698

73  
g-index

313  
all docs

313  
docs citations

313  
times ranked

6277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing nonlinear vibration of metal foam stiffened toroidal convex/concave shell segments considering porosity distribution. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 310-326.	4.7	14
2	Analysis of nonlinear vibrations of CNT- /fiberglass-reinforced multi-scale truncated conical shell segments. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 2067-2083.	4.7	13
3	Geometrically nonlinear vibration analysis of eccentrically stiffened porous functionally graded annular spherical shell segments. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 2206-2220.	4.7	17
4	Selection of alternative fuel taxis: a hybridized approach of life cycle sustainability assessment and multi-criteria decision making with neutrosophic sets. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 833-846.	4.1	7
5	Enhanced tensile strength, fracture toughness and piezoresistive performances of CNT based epoxy nanocomposites using toroidal stirring assisted ultra-sonication. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5557-5566.	2.6	1
6	Business Process Re-Engineering: A Literature Review-Based Analysis of Implementation Measures. <i>Information (Switzerland)</i> , 2022, 13, 185.	2.9	9
7	Modeling the Relationship between Business Process Reengineering and Organizational Culture. <i>Applied System Innovation</i> , 2022, 5, 66.	4.6	3
8	Buckling and crushing behavior of foam-core hybrid composite sandwich columns under quasi-static edgewise compression. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2643-2670.	3.5	35
9	Poly(aniline-co-o-nitroaniline): transport properties using electrochemical impedance spectroscopy. <i>Polymer Bulletin</i> , 2021, 78, 6983-6998.	3.3	1
10	Mechanical behavior of resin pin-reinforced composite sandwich panels under quasi-static indentation and three-point bending loading conditions. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2127-2145.	3.5	20
11	Highly crystalline and thermally stable poly(aniline-co-2-nitroaniline). <i>Polymer Bulletin</i> , 2021, 78, 1407-1421.	3.3	3
12	Investigating nonlinear vibrations of multi-scale truncated conical shell segments with carbon nanotube/fiberglass reinforcement using a higher order conical shell theory. <i>Journal of Strain Analysis for Engineering Design</i> , 2021, 56, 181-192.	1.8	5
13	Preparation and properties of electrodeposited Ni-B-V2O5 composite coatings. <i>Surface and Coatings Technology</i> , 2021, 409, 126888.	4.8	9
14	Transport properties of thermally stable conducting poly(aniline-co-m-hydroxyaniline). <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14823.	2.2	0
15	Transient response of porous inhomogeneous nanobeams due to various impulsive loads based on nonlocal strain gradient elasticity. <i>International Journal of Mechanics and Materials in Design</i> , 2020, 16, 57-68.	3.0	15
16	Effect of hexagonal on the in-plane crushing behaviour of plain weave composite hexagonal quadruple ring system. <i>International Journal of Crashworthiness</i> , 2020, 25, 192-202.	1.9	4
17	Numerical study of static and dynamic fracture behaviours of neat epoxy resin. <i>Mechanics of Materials</i> , 2020, 140, 103214.	3.2	18
18	Synthesis, characterization and physicochemical studies of copolymers of aniline and 3-nitroaniline. <i>Polymer Bulletin</i> , 2020, 77, 4469-4488.	3.3	13

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19	Electrochemical and X-ray photoelectron spectroscopic investigations of conductive polymers. Ionics, 2020, 26, 831-838.	2.4	16
20	Strain and crack growth sensing capability of SWCNT reinforced epoxy in tensile and mode I fracture tests. Composites Science and Technology, 2020, 186, 107918.	7.8	32
21	Study on the effects of tool tilt angle, offset and plunge depth on friction stir welding of poly(methyl methacrylate) T-joint. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 773-787.	2.4	34
22	An experimental and numerical investigation of highly strong and tough epoxy based nanocomposite by addition of MWCNTs: Tensile and mode I fracture tests. Composite Structures, 2020, 252, 112692.	5.8	25
23	Electrodeposited white bronzes on brass: Corrosion in 3.5 % sodium chloride solution. Corrosion Science, 2020, 175, 108898.	6.6	8
24	Effective addition of nanoclay in enhancement of mechanical and electromechanical properties of SWCNT reinforced epoxy: Strain sensing and crack-induced piezoresistivity. Theoretical and Applied Fracture Mechanics, 2020, 110, 102831.	4.7	8
25	Electrodeposited White Bronzes: A Comparison between Zn-Bearing and Zn-Free Coatings. , 2020, , .		0
26	Synergistic effects of double-walled carbon nanotubes and nanoclays on mechanical, electrical and piezoresistive properties of epoxy based nanocomposites. Composites Science and Technology, 2020, 200, 108459.	7.8	17
27	A comparative study of the incorporation effect of SWCNT-OH and DWCNT with varied microstructural defects on tensile and impact strengths of epoxy based nanocomposite. Journal of Polymer Research, 2020, 27, 1.	2.4	7
28	Nonlinear vibrations of variable thickness curved panels made of multi-scale epoxy/fiberglass/CNT material using Jacobi elliptic functions. Mechanics Based Design of Structures and Machines, 2020, , 1-17.	4.7	6
29	Electrodeposition of Duplex Niâ€“Bâ€“Zn/Co Composite Coatings. Jom, 2020, 72, 4296-4304.	1.9	3
30	Dry Sliding Tribological Properties of a Hard Anodized AA6082 Aluminum Alloy. Metals, 2020, 10, 207.	2.3	10
31	Nonlinear dynamic characteristics of nonlocal multi-phase magneto-electro-elastic nano-tubes with different piezoelectric constituents. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	3
32	Investigation of Mechanical Properties of MWCNTs Doped Epoxy Nanocomposites in Tensile, Fracture and Impact Tests. Materials Science Forum, 2020, 990, 239-243.	0.3	1
33	Simulation and experimental study of underwater dissimilar friction-stir welding between aluminium and steel. Journal of Materials Research and Technology, 2020, 9, 3767-3781.	5.8	90
34	Magneto-electric effects on nonlocal nonlinear dynamic characteristics of imperfect multi-phase magneto-electro-elastic beams. Journal of Magnetism and Magnetic Materials, 2020, 503, 166649.	2.3	5
35	Piezoresistive characterization of epoxy based nanocomposites loaded with SWCNTsâ€“DWCNTs in tensile and fracture tests. Polymer Composites, 2020, 41, 2598-2609.	4.6	14
36	Small scale effects on transient vibrations of porous FG cylindrical nanoshells based on nonlocal strain gradient theory. European Physical Journal Plus, 2020, 135, 1.	2.6	13

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37	Experimental and numerical study of lattice-core sandwich panels under low-speed impact. <i>Materials Today: Proceedings</i> , 2020, 27, 1487-1492.	1.8	21
38	Experimental investigation of the thin-walled energy absorbers with different sections including surface imperfections under low-speed impact test. <i>Materials Today: Proceedings</i> , 2020, 27, 1498-1504.	1.8	20
39	Phase-I monitoring of high-dimensional covariance matrix using an adaptive thresholding LASSO rule. <i>Computers and Industrial Engineering</i> , 2020, 144, 106465.	6.3	12
40	From sustainability assessment to sustainability management for policy development: The case for electric vehicles. <i>Energy Conversion and Management</i> , 2020, 216, 112937.	9.2	33
41	Highly improved AC conductivity of poly(aniline-o-fluoroaniline). <i>Ionics</i> , 2019, 25, 1057-1065.	2.4	7
42	Characteristics of Intermetallic Compounds in Dissimilar Friction Stir Welding: A Review. <i>Metallography, Microstructure, and Analysis</i> , 2019, 8, 445-461.	1.0	6
43	Properties Investigation of GO/HA/Pt Composite Thin Film. <i>BioMed Research International</i> , 2019, 2019, 1-14.	1.9	2
44	Penalized Conway-Maxwell-Poisson regression for modelling dispersed discrete data: The case study of motor vehicle crash frequency. <i>Safety Science</i> , 2019, 120, 157-163.	4.9	22
45	Nonlinear forced vibrations of sandwich smart nanobeams with two-phase piezo-magnetic face sheets. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	17
46	A novel axially half corrugated thin-walled tube for energy absorption under Axial loading. <i>Thin-Walled Structures</i> , 2019, 145, 106418.	5.3	51
47	Predictive modeling of first-year student performance in engineering education using sequential penalization-based regression. <i>Journal of Statistics and Management Systems</i> , 2019, 22, 31-50.	0.6	2
48	Poly(aniline-co-2-hydroxyaniline): towards the thermal stability and higher solubility of polyaniline. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	7
49	Modeling of student academic achievement in engineering education using cognitive and non-cognitive factors. <i>Journal of Applied Research in Higher Education</i> , 2019, 11, 178-198.	1.9	32
50	Dynamic response of metal foam FG porous cylindrical micro-shells due to moving loads with strain gradient size-dependency. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	17
51	Dynamic response of functionally graded graphene nanoplatelet reinforced shells with porosity distributions under transverse dynamic loads. <i>Materials Research Express</i> , 2019, 6, 075045.	1.6	36
52	Disaster management in industrial areas: Perspectives, challenges and future research. <i>Journal of Industrial Engineering and Management</i> , 2019, 12, 133.	1.5	6
53	Investigation of the Temperature-Related Wear Performance of Hard Nanostructured Coatings Deposited on a S600 High Speed Steel. <i>Metals</i> , 2019, 9, 332.	2.3	6
54	Control charts for variability monitoring in high-dimensional processes. <i>Computers and Industrial Engineering</i> , 2019, 130, 309-316.	6.3	28

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55	Compact UWB Band-Notched Antenna with Integrated Bluetooth for Personal Wireless Communication and UWB Applications. <i>Electronics (Switzerland)</i> , 2019, 8, 158.	3.1	69
56	A framework based on location hazard index for optimizing operational performance of emergency response strategies: The case of petrochemical industrial cities. <i>Safety Science</i> , 2019, 117, 33-42.	4.9	12
57	An adaptive thresholding-based process variability monitoring. <i>Journal of Quality Technology</i> , 2019, 51, 242-256.	2.5	11
58	Prioritisation of lean construction barriers in Qatari context: a fuzzy AHP approach. <i>International Journal of Business Excellence</i> , 2019, 19, 503.	0.3	7
59	Poly(aniline-co-3-aminophenol): enhanced crystallinity and solubility. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	2
60	Investigation of the Effect of Larestan's Pipeline Water on the Mechanical Properties of Concretes Containing Granite Aggregates. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.7	3
61	Strain gradient based dynamic response analysis of heterogeneous cylindrical microshells with porosities under a moving load. <i>Materials Research Express</i> , 2019, 6, 035029.	1.6	18
62	Transient response of porous FG nanoplates subjected to various pulse loads based on nonlocal stress-strain gradient theory. <i>European Journal of Mechanics, A/Solids</i> , 2019, 74, 210-220.	3.7	41
63	Optimization of physicochemical and dielectric features in the conductive copolymers of aniline and 2-aminophenol. <i>Polymer Bulletin</i> , 2019, 76, 5603-5617.	3.3	3
64	Nonlinear free and forced vibrations of graphene nanoplatelet reinforced microbeams with geometrical imperfection. <i>Microsystem Technologies</i> , 2019, 25, 3137-3150.	2.0	30
65	Bayesian framework for fault variable identification. <i>Journal of Quality Technology</i> , 2019, 51, 375-391.	2.5	9
66	Thermal stability and frequency-dependent electrical conductivity of poly(aniline-co-m-nitroaniline). <i>Ionics</i> , 2019, 25, 2669-2676.	2.4	5
67	Post-buckling analysis of piezo-magnetic nanobeams with geometrical imperfection and different piezoelectric contents. <i>Microsystem Technologies</i> , 2019, 25, 3477-3488.	2.0	15
68	Stochastic analysis of interphase effects on elastic modulus and yield strength of nylon 6/clay nanocomposites. <i>International Journal of Mechanics and Materials in Design</i> , 2019, 15, 109-123.	3.0	16
69	Monitoring and control of beta-distributed multistage production processes. <i>Quality Technology and Quantitative Management</i> , 2019, 16, 1-18.	1.9	8
70	Experimental and theoretical studies on axially crushed corrugated metal tubes. <i>International Journal of Non-Linear Mechanics</i> , 2018, 101, 86-94.	2.6	47
71	Binding energy, structural, and dielectric properties of thin film of poly(aniline-co-m-fluoroaniline). <i>Ionics</i> , 2018, 24, 3249-3257.	2.4	11
72	Effect of codeposition of mixed nanoparticles (V2O5 and ZrO2) on the structure and properties of Ni-B nanocomposite coating. <i>Journal of Alloys and Compounds</i> , 2018, 752, 253-259.	5.5	9

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73	Impact of first-year seminar on student engagement, awareness, and general attitudes toward higher education. <i>Journal of Applied Research in Higher Education</i> , 2018, 10, 15-30.	1.9	8
74	Mechanical properties, thermal stability and corrosion behavior of electrodeposited Ni-B/AlN nanocomposite coating. <i>Surface and Coatings Technology</i> , 2018, 337, 335-341.	4.8	41
75	HA/rGO/Pd nanocomposite thin film coating on SST 304 - Synthesize, characterization, and properties investigations. <i>Journal of Alloys and Compounds</i> , 2018, 741, 562-574.	5.5	12
76	N-cetyl-N,N,N trimethyl ammonium bromide (CTAB)-stabilized polyaniline: a corrosion inhibitor for mild steel. <i>Anti-Corrosion Methods and Materials</i> , 2018, 65, 146-151.	1.5	4
77	Evaluation of Thermal History and Defect in Friction Stir Processing of As-Cast Magnesium AZ91. <i>Materials Science Forum</i> , 2018, 916, 239-243.	0.3	1
78	Numerical and Experimental Investigation on Corrugation Geometry for Metallic Tubes under Lateral Loading. <i>Materials Science Forum</i> , 2018, 916, 226-231.	0.3	4
79	Kinematically admissible folding mechanisms for the progressive collapse of foam filled conical frusta. <i>International Journal of Mechanics and Materials in Design</i> , 2018, 14, 105-126.	3.0	14
80	Vibration of rotating functionally graded Timoshenko nano-beams with nonlinear thermal distribution. <i>Mechanics of Advanced Materials and Structures</i> , 2018, 25, 467-480.	2.6	55
81	Numerical and experimental investigation of corrugated tubes under lateral compression. <i>International Journal of Crashworthiness</i> , 2018, 23, 461-473.	1.9	29
82	Beneficial effect of shot peening on steamside oxidation of 300-series austenitic steels: An electrochemical study. <i>Applied Surface Science</i> , 2018, 427, 680-685.	6.1	7
83	Electrochemical, morphological, and spectroscopic study of poly(aniline-co-o-bromoaniline) (PA-co-o-BrA) conducting copolymer. <i>Ionics</i> , 2018, 24, 1701-1708.	2.4	6
84	Investigating Determinants of Student Satisfaction in the First Year of College in a Public University in the State of Qatar. <i>Education Research International</i> , 2018, 2018, 1-14.	1.1	20
85	Effect of interfacial friction and fold penetration on the progressive collapse of foam-filled frustum using kinematically admissible model. <i>International Journal of Crashworthiness</i> , 2018, 23, 581-592.	1.9	5
86	A Combined Method to Model Dynamic Recrystallization Based on Cellular Automaton and a Phenomenological (CAP) Approach. <i>Metals</i> , 2018, 8, 923.	2.3	5
87	Resonator Based Switching Technique between Ultra Wide Band (UWB) and Single/Dual Continuously Tunable-Notch Behaviors in UWB Radar for Wireless Vital Signs Monitoring. <i>Sensors</i> , 2018, 18, 3330.	3.8	30
88	Bandwidth Enhancement and Frequency Scanning Array Antenna Using Novel UWB Filter Integration Technique for OFDM UWB Radar Applications in Wireless Vital Signs Monitoring. <i>Sensors</i> , 2018, 18, 3155.	3.8	35
89	Effect of hot extrusion and T6 heat treatment on microstructure and mechanical properties of Al-10Zn-3.5Mg-2.5Cu nanocomposite reinforced with graphene nanoplatelets. <i>Journal of Manufacturing Processes</i> , 2018, 36, 264-271.	5.9	32
90	Towards the higher solubility and thermal stability of poly(aniline-co-m-bromoaniline). <i>Ionics</i> , 2018, 24, 3837-3844.	2.4	1

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91	Synthesis and characterization of electrodeposited Ni-B-TiO <sub>3</sub> composite coatings. Journal of Alloys and Compounds, 2018, 769, 353-359.	5.5	24
92	Synthesis and Characterization of Polyaniline, Poly(3-fluoroaniline), and Poly(aniline-co-3-fluoroaniline) Derivatives Obtained by Chemical Oxidative Polymerization Methods. Polymer-Plastics Technology and Engineering, 2018, 57, 1015-1025.	1.9	14
93	On the Effects of Geometrical Shapes in Failure Modes in Natural “ Conventional Fiber Reinforced Composite Tube: A Review. Current Analytical Chemistry, 2018, 14, 241-248.	1.2	4
94	A Real Case-Based Study Exploring Influence of Human Age and Gender on Drivers’ Behavior and Traffic Safety. Advances in Intelligent Systems and Computing, 2018, , 807-816.	0.6	2
95	Age replacement models: A summary with new perspectives and methods. Reliability Engineering and System Safety, 2017, 161, 95-105.	8.9	92
96	Heterogeneities in Polymer Structural and Dynamic Properties in Graphene and Graphene Oxide Nanocomposites: Molecular Dynamics Simulations. Macromolecular Theory and Simulations, 2017, 26, 1600086.	1.4	22
97	Nonlinear thermal buckling of axially functionally graded micro and nanobeams. Composite Structures, 2017, 168, 428-439.	5.8	43
98	Influence of TiO <sub>2</sub> nanoparticles incorporation to friction stir welded 5083 aluminum alloy on the microstructure, mechanical properties and wear resistance. Journal of Alloys and Compounds, 2017, 712, 795-803.	5.5	103
99	Synthesis and characterization of electrically conductive poly(aniline-co-3-bromoaniline) nanocomposites. Journal of Materials Science: Materials in Electronics, 2017, 28, 10693-10699.	2.2	9
100	The Effect of Number of Corrugation on Crashworthiness of Aluminum Corrugated Tube under Lateral Loading. Procedia Engineering, 2017, 173, 1275-1282.	1.2	10
101	Experimental Study of Corrugated Metal-composite Tubes under Axial Loading. Procedia Engineering, 2017, 173, 1314-1321.	1.2	28
102	Fracture Analysis of a Special Cracked Lap Shear (CLS) Specimen with Utilization of Virtual Crack Closure Technique (VCCT) by Finite Element Methods. Journal of Failure Analysis and Prevention, 2017, 17, 304-314.	0.9	13
103	Thermo-mechanical vibration of rotating axially functionally graded nonlocal Timoshenko beam. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	45
104	Effect of multi-pass friction stir processing on the microstructure, mechanical and wear properties of AA5083/ZrO <sub>2</sub> nanocomposites. Journal of Alloys and Compounds, 2017, 726, 1262-1273.	5.5	108
105	The spectral and morphological studies of the conductive polyaniline thin film derivatives by the in situ copolymerization. Journal of Materials Science: Materials in Electronics, 2017, 28, 15178-15183.	2.2	10
106	Tuning the electrical properties of polyaniline by copolymerization with o-bromoaniline. Functional Materials Letters, 2017, 10, 1750039.	1.2	3
107	Variable Selection-based Multivariate Cumulative Sum Control Chart. Quality and Reliability Engineering International, 2017, 33, 565-578.	2.3	31
108	WEBOMETRIC ANALYSIS OF TOP ARAB WORLD UNIVERSITIES: BEST PRACTICES FOR WEB RANKING. EDULEARN Proceedings, 2017, , .	0.0	0

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109	ANALYSIS AND EVALUATION OF THE PERFORMANCE OF TOP LEAGUE TABLE OF WEBOMETRIC RANKING OF WORLD UNIVERSITIES. , 2017, , .		0
110	ACADEMIC CHARACTERISTICS OF UNIVERSITIES IN THE WORLD UNIVERSITY RANKINGS. , 2017, , .		0
111	A Review on Fatigue Life Prediction Methods for Metals. Advances in Materials Science and Engineering, 2016, 2016, 1-26.	1.8	180
112	Hierarchical honeycomb auxetic metamaterials. Scientific Reports, 2016, 5, 18306.	3.3	140
113	An adaptive step-down procedure for fault variable identification. International Journal of Production Research, 2016, 54, 3187-3200.	7.5	16
114	The role of intermetallic compounds and composite-like structure development during dissimilar friction stir welding of aluminum to brass on metallurgical and flexural characteristics. , 2016, , .		2
115	From Zirconium Nanograins to Zirconia Nanoneedles. Scientific Reports, 2016, 6, 33282.	3.3	15
116	Double EWMA-Based Polynomial Quality Profiles Monitoring. Quality and Reliability Engineering International, 2016, 32, 2639-2652.	2.3	10
117	Distribution-Free Adaptive Step-Down Procedure for Fault Identification. Quality and Reliability Engineering International, 2016, 32, 2701-2716.	2.3	6
118	What is Middle Maintenance Policy?. Quality and Reliability Engineering International, 2016, 32, 2403-2414.	2.3	5
119	Electrodeposition of flower-like platinum on electrophoretically grown nitrogen-doped graphene as a highly sensitive electrochemical non-enzymatic biosensor for hydrogen peroxide detection. Applied Surface Science, 2016, 386, 418-426.	6.1	48
120	Severe plastic deformation of tubular AA 6061 via equal channel angular pressing. Materials and Design, 2016, 90, 1124-1135.	7.0	42
121	Time-domain simulation of second-order irregular wave diffraction based on a hybrid water wave radiation condition. Applied Mathematical Modelling, 2016, 40, 4451-4467.	4.2	5
122	Nonlocal damage modelling in clay/epoxy nanocomposites using a multiscale approach. Journal of Computational Science, 2016, 15, 18-23.	2.9	56
123	First and Last Triggering Event Approaches for Replacement With Minimal Repairs. IEEE Transactions on Reliability, 2016, 65, 197-207.	4.6	36
124	Elastic properties of chiral, anti-chiral, and hierarchical honeycombs: A simple energy-based approach. Theoretical and Applied Mechanics Letters, 2016, 6, 81-96.	2.8	249
125	An empirical study on lean awareness and potential for lean implementations in Qatar industries. International Journal of Advanced Manufacturing Technology, 2016, 82, 1607-1625.	3.0	30
126	An optimization technique on ultrasonic and cutting parameters for drilling and deep drilling of nickel-based high-strength Inconel 738LC superalloy with deeper and higher hole quality. International Journal of Advanced Manufacturing Technology, 2016, 82, 877-888.	3.0	33



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127	Design development of aggregates cooling systems for hot weather concreting. International Journal of Mechanics and Materials in Design, 2016, 12, 285-300.	3.0	0
128	NEW APPROACH FOR MEASURING ACADEMIC TEACHING EXCELLENCE IN UNIVERSITY RANKINGS. INTED Proceedings, 2016, , .	0.0	0
129	THE EDUCATIONAL SPECTRUM IN DOCTORAL TRAINING PROGRAMS AT QATAR UNIVERSITY: STEPPING AHEAD. INTED Proceedings, 2016, , .	0.0	0
130	DEVELOPMENT OF FRAMEWORK FOR ZERO-DEFECT STUDENTS IN HIGHER EDUCATION: LEAN-THINKING APPROACH. , 2016, , .		0
131	Engaging Engineering Students in Active Learning and Critical Thinking through Class Debates. Procedia, Social and Behavioral Sciences, 2015, 191, 990-995.	0.5	20
132	Constitutive analysis for the quantification of hardness decay in a superlattice CrN/NbN hard-coating. Surface and Coatings Technology, 2015, 275, 155-166.	4.8	6
133	Effect of microstructural evolution on wettability and tribological behavior of TiO <sub>2</sub> nanotubular arrays coated on Ti-6Al-4V. Ceramics International, 2015, 41, 7952-7962.	4.8	52
134	Assessment of lean awareness and lean preparedness in the petrochemical industry: a case for Qatar. International Journal of Lean Enterprise Research, 2015, 1, 232.	0.1	0
135	Reliability estimation of load sharing capacity-c-out-of-n pairs:G Balanced system. , 2015, , .		2
136	In situ strengthening of thin-wall structures using pressurized foam. Construction and Building Materials, 2015, 100, 298-304.	7.2	1
137	Self-organized TiO <sub>2</sub> nanotube layer on Ti-6Al-7Nb for biomedical application. Surface and Coatings Technology, 2015, 265, 24-31.	4.8	32
138	Evaluation of the Mechanical Properties of AA 6063 Processed by Severe Plastic Deformation. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 2172-2184.	2.2	13
139	Multiple parts process planning in serial-parallel flexible flow lines: part II-solution method based on genetic algorithms with fixed- and variable-length chromosomes. International Journal of Advanced Manufacturing Technology, 2015, 77, 1105-1143.	3.0	2
140	Spiderweb honeycombs. International Journal of Solids and Structures, 2015, 66, 218-227.	2.7	72
141	Ti/TiN/HA coating on Ti-6Al-4V for biomedical applications. Ceramics International, 2015, 41, 14447-14457.	4.8	43
142	Structural and morphological study of mechanochemically synthesized crystalline nanoneedles of Zr-doped carbonated chlorapatite. Materials Letters, 2015, 149, 100-104.	2.6	16
143	Multiple parts process planning in serial-parallel flexible flow lines: part I-process plan modeling framework. International Journal of Advanced Manufacturing Technology, 2015, 78, 115-137.	3.0	5
144	Wear resistance investigation of titanium nitride-based coatings. Ceramics International, 2015, 41, 10349-10379.	4.8	206

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145	TiO <sub>2</sub> nanotube coating on stainless steel 304 for biomedical applications. <i>Ceramics International</i> , 2015, 41, 2785-2793.	4.8	41
146	A three dimensional extended Arlequin method for dynamic fracture. <i>Computational Materials Science</i> , 2015, 96, 425-431.	3.0	17
147	Torsional Dynamic Response of a Shaft With Longitudinal and Circumferential Cracks. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2014, 136, .	1.6	8
148	Multivariate statistical process control charts based on the approximate sequential test. <i>International Journal of Production Research</i> , 2014, 52, 5514-5527.	7.5	7
149	The effect of fiber orientation on the energy absorption capability of axially crushed composite tubes. <i>Materials &amp; Design</i> , 2014, 56, 923-928.	5.1	87
150	Axial crushing behavior and energy absorption efficiency of corrugated tubes. <i>Materials &amp; Design</i> , 2014, 54, 1028-1038.	5.1	161
151	Mechanics of anisotropic hierarchical honeycombs. <i>International Journal of Mechanical Sciences</i> , 2014, 81, 126-136.	6.7	104
152	Impact resistance and energy absorption of regular and functionally graded hexagonal honeycombs with cell wall material strain hardening. <i>International Journal of Mechanical Sciences</i> , 2014, 89, 413-422.	6.7	68
153	Structural and mechanical characterization of Al/Al <sub>2</sub> O <sub>3</sub> nanotube thin film on TiV alloy. <i>Applied Surface Science</i> , 2014, 321, 511-519.	6.1	24
154	Bending behavior of lightweight sandwich-walled shells with pyramidal truss cores. <i>Composite Structures</i> , 2014, 116, 793-804.	5.8	62
155	A continuum model with a percolation threshold and tunneling-assisted interfacial conductivity for carbon nanotube-based nanocomposites. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	133
156	Statistical optimization and fretting fatigue study of Zr/ZrO <sub>2</sub> nanotubular array coating on Ti-6Al-4V. <i>Surface and Coatings Technology</i> , 2014, 258, 979-990.	4.8	23
157	Gradual mechanochemical reaction to produce carbonate doped fluorapatite-titania composite nanopowder. <i>Ceramics International</i> , 2014, 40, 15623-15631.	4.8	12
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