

M Saleem

List of Publications by Year in descending order

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81
papers

4,843
citations

101543

36
h-index

91884

69
g-index

82
all docs

82
docs citations

82
times ranked

4776
citing authors

#	ARTICLE	IF	CITATIONS
1	A mixed therapy minimal model: Some strategies for eradication or minimization of cancer. Computer Methods and Programs in Biomedicine, 2020, 192, 105433.	4.7	2
2	Role of the surface quality on the mechanical behavior of CFRP bolted composite joints. International Journal of Fatigue, 2015, 80, 246-256.	5.7	44
3	Resistive humidity sensor based on vanadium complex films. Journal of Semiconductors, 2014, 35, 094001.	3.7	11
4	The effect of annealing on structural and optical properties of $\text{In}_2\text{O}_3/\text{CdS}/\text{In}_2\text{O}_3$ multilayer heterostructures. Applied Surface Science, 2014, 320, 653-657.	6.1	13
5	One-dimensional analysis for magneto-thermo-mechanical response in a functionally graded annular variable-thickness rotating disk. Applied Mathematical Modelling, 2014, 38, 4625-4639.	4.2	35
6	Redox Flow Battery for Energy Storage. Arabian Journal for Science and Engineering, 2013, 38, 723-739.	1.1	64
7	Investigating the effect of machining processes on the mechanical behavior of composite plates with circular holes. Composites Part A: Applied Science and Manufacturing, 2013, 55, 169-177.	7.6	100
8	The S100A4 Oncoprotein Promotes Prostate Tumorigenesis in a Transgenic Mouse Model: Regulating NF κ B through the RAGE Receptor. Genes and Cancer, 2013, 4, 224-234.	1.9	46
9	THE EFFECT OF CERAMIC IN COMBINATION OF TWO SIGMOID FUNCTIONALLY GRADED ROTATING DISKS WITH VARIABLE THICKNESS. International Journal of Computational Methods, 2012, 09, 1240029.	1.3	5
10	Optical properties of iron oxide (In_2O_3) thin films deposited by the reactive evaporation of iron. Journal of Alloys and Compounds, 2012, 521, 178-182.	5.5	157
11	Progress in Flow Battery Research and Development. Journal of the Electrochemical Society, 2011, 158, R55.	2.9	1,208
12	Analysis of Functionally Graded Rotating Disks with Parabolic Concave Thickness Applying an Exponential Function and the Mori-Tanaka Scheme. IOP Conference Series: Materials Science and Engineering, 2011, 17, 012005.	0.6	12
13	I-V characteristics of Ag/OD-MO/Ag surface-type diode fabricated by deposition of organic film from solution under the effect of an electric field. EPJ Applied Physics, 2010, 50, 30401.	0.7	1
14	Exact Solution for Functionally Graded Variable-Thickness Rotating Disc with Heat Source. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2010, 224, 2316-2331.	2.1	9
15	Characterization of vanadyl phthalocyanine based surface-type capacitive humidity sensors. Journal of Semiconductors, 2010, 31, 114002.	3.7	30
16	Bending analysis of a functionally graded rotating disk based on the first order shear deformation theory. Applied Mathematical Modelling, 2009, 33, 4215-4230.	4.2	36
17	Mechanical and thermal stresses in a functionally graded rotating disk with variable thickness due to radially symmetry loads. International Journal of Pressure Vessels and Piping, 2009, 86, 357-372.	2.6	94
18	Thermo elastic analysis of functionally graded rotating disks with temperature-dependent material properties: uniform and variable thickness. International Journal of Mechanics and Materials in Design, 2009, 5, 263-279.	3.0	52

#	ARTICLE	IF	CITATIONS
19	Thermoelastic solution of a functionally graded variable thickness rotating disk with bending based on the first-order shear deformation theory. <i>Thin-Walled Structures</i> , 2009, 47, 568-582.	5.3	60
20	Humidity-dependent characteristics of methyl-red thin film-based Ag/methyl-red/Ag surface-type cell. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 41, 18-22.	2.7	70
21	Analysis of functionally graded rotating disks with variable thickness. <i>Mechanics Research Communications</i> , 2008, 35, 283-309.	1.8	130
22	On the Stress Analysis of Functionally Graded Gear Wheels with Variable Thickness. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2008, 9, 121-137.	2.1	17
23	Measurement of $D_0 \hat{a}^{\sim} D \hat{A}^{\sim} 0$ mixing using the ratio of lifetimes for the decays $D_0 \hat{a}^{\sim} K \hat{a}^{\sim} \bar{K}^+$, $K \hat{a}^{\sim} K^+$, and $\bar{D} \hat{a}^{\sim} \bar{K}^+$. <i>Physical Review D</i> , 2008, 78.	4.7	37
24	Improved measurement of the CKM angle γ . $\frac{1}{B} \sin^2 \gamma$	4.7	77
25	Search for CP violation in the Decays $D_0 \hat{a}^{\sim} K \hat{a}^{\sim} K^+$ and $D_0 \hat{a}^{\sim} \bar{K} \hat{a}^{\sim} \bar{K}^+$. <i>Physical Review Letters</i> , 2008, 100, 061803.	7.8	65
26	Evidence for $D_0 \hat{a}^{\sim} D \hat{A}^{\sim} 0$ Mixing. <i>Physical Review Letters</i> , 2007, 98, 211802.	7.8	205
27	Search for $D_0 \hat{a}^{\sim} D \hat{A}^{\sim} 0$ mixing using doubly flavor tagged semileptonic decay modes. <i>Physical Review D</i> , 2007, 76, .	4.7	29
28	Thermo elastic analysis of a functionally graded rotating disk with small and large deflections. <i>Thin-Walled Structures</i> , 2007, 45, 677-691.	5.3	56
29	S100A4 accelerates tumorigenesis and invasion of human prostate cancer through the transcriptional regulation of matrix metalloproteinase 9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14825-14830.	7.1	177
30	Circulating endothelial cells are elevated in patients with type 2 diabetes mellitus independently of HbA1c. <i>Diabetologia</i> , 2005, 48, 345-350.	6.3	109
31	Reply to comment on: McClung JA, Naseer N, Saleem M et al. (2005) Circulating endothelial cells are elevated in patients with type 2 diabetes mellitus independently of HbA1c. <i>Diabetologia</i> 48:345-350. <i>Diabetologia</i> , 2005, 48, 2688-2688.	6.3	4
32	Search for CP violation in $D_0 \hat{a}^{\sim} K S_0 \bar{K} \hat{a}^{\sim} \bar{K}^+$. <i>Physical Review D</i> , 2004, 70, .	4.7	26
33	Dalitz Analysis of $D_0 \hat{a}^{\sim} K S_0 \bar{K} \hat{a}^{\sim} \bar{K}^+$. <i>Physical Review Letters</i> , 2002, 89, 251802.	7.8	106
34	Comparative study of the adsorption of n-aliphatic alcohols on metal-doped alumina samples. <i>Separation Science and Technology</i> , 2002, 37, 1431-1451.	2.5	3
35	First measurement of $\Gamma(D^* \rightarrow D^* + \pi^0)$ and precision measurement of $m_{D^* + \pi^0}$. <i>Physical Review D</i> , 2002, 65, .	4.7	149
36	Lifetime differences, direct CP violation, and partial widths in D_0 meson decays to $K^+ K \hat{a}^{\sim} \bar{K}^+$ and $\bar{K} \hat{a}^{\sim} \bar{K}^+$. <i>Physical Review D</i> , 2002, 65, .	4.7	52

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55	Estimation and Removal of Chromium Ions from Tannery Wastes Using Zeolite-3A. <i>Adsorption Science and Technology</i> , 1998, 16, 153-161.	3.2	19
56	Inherited and Environmentally Induced Differences in Mutation Frequencies Between Wild Strains of <i>Sordaria fimicola</i> From "Evolution Canyon". <i>Genetics</i> , 1998, 149, 87-99.	2.9	43
57	Thermodynamics of the Adsorption of Cobalt on Lead Dioxide from Aqueous Solution. <i>Adsorption Science and Technology</i> , 1995, 12, 139-149.	3.2	3
58	Uptake of Uranium Ions by Molecular Sieve. <i>Radiochimica Acta</i> , 1995, 68, 197-202.	1.2	37
59	Effect of pH on the adsorption of Ce ³⁺ , Sm ³⁺ , Eu ³⁺ and Gd ³⁺ ions on activated charcoal. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1994, 182, 415-419.	1.5	6
60	Adsorption of radiocobalt on lead dioxide from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1994, 181, 117-129.	1.5	9
61	A low molecular weight peptide from snow mold with epitopic homology to the winter flounder antifreeze protein. <i>Biochemistry and Cell Biology</i> , 1994, 72, 152-156.	2.0	14
62	Thermodynamics of Adsorption of Methanol on Metal Dopant/Active Carbon Systems. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1992, 96, 693-698.	0.9	5
63	Selective Adsorption of Uranium on Activated Charcoal from Electrolytic Aqueous Solutions. <i>Separation Science and Technology</i> , 1992, 27, 239-253.	2.5	80
64	Selective adsorption of thorium on activated charcoal from electrolytic aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 157, 321-334.	1.5	27
65	Effect of alkali metals, alkaline earth metals and lanthanides on the adsorption of uranium on activated charcoal from aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 165, 243-253.	1.5	28
66	Estimation of titanium and iron in uranium by EDXRF using microdroplets on filter paper. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1991, 152, 251-259.	1.5	6
67	In situ reactive compatibilization in polymer blends: Effects of functional group concentrations. <i>Journal of Applied Polymer Science</i> , 1990, 39, 655-678.	2.6	101
68	Design and cloning of a synthetic gene for the flounder antifreeze protein and its expression in plant cells. <i>Gene</i> , 1990, 91, 159-165.	2.2	42
69	Diffusion of organic penetrants through low density polyethylene (LDPE) films: Effect of size and shape of the penetrant molecules. <i>Journal of Applied Polymer Science</i> , 1989, 37, 617-625.	2.6	105
70	Diffusion of saturated hydrocarbons in low density polyethylene (LDPE) films. <i>Journal of Applied Polymer Science</i> , 1989, 38, 1503-1514.	2.6	35
71	Winter Flounder Antifreeze Protein Improves the Cold Hardiness of Plant Tissues. <i>Journal of Plant Physiology</i> , 1989, 135, 351-354.	3.5	53
72	Temperature and concentration dependence of viscosity of aqueous electrolytes from 20.degree.C to		

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73	Permeabilizing Soybean Protoplasts to Macromolecules Using Electroporation and Hypotonic Shock. <i>Plant Physiology</i> , 1987, 83, 24-28.	4.8	28
74	A mathematical model with young predation. <i>Journal of Mathematical Biology</i> , 1987, 25, 89-101.	1.9	4
75	Polystyrene-polyethylene melt blends obtained through reactive mixing process. <i>Polymer Engineering and Science</i> , 1987, 27, 1634-1641.	3.1	106
76	Young Predation and Time Delays. <i>Developments in Environmental Modelling</i> , 1987, , 179-191.	0.3	1
77	Predator-prey relationships: Indiscriminate predation. <i>Journal of Mathematical Biology</i> , 1984, 21, 25-34.	1.9	7
78	Egg-eating age-structured predators in interaction with age-structured prey. <i>Mathematical Biosciences</i> , 1984, 70, 91-104.	1.9	12
79	A Competition Model with Age Structure. <i>Lecture Notes in Biomathematics</i> , 1984, , 178-192.	0.3	5
80	A predator prey model with age structure. <i>Journal of Mathematical Biology</i> , 1982, 14, 231-250.	1.9	97
81	Sodium tetrachloroferrate as a dehydrating agent. <i>Talanta</i> , 1978, 25, 596-597.	5.5	0