

Ashok Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/351910/publications.pdf>

Version: 2024-02-01

398
papers

13,158
citations

23544

58
h-index

39638

94
g-index

404
all docs

404
docs citations

404
times ranked

12816
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal vitamin D level ameliorates neurological outcome and quality of life after traumatic brain injury: a clinical perspective. <i>International Journal of Neuroscience</i> , 2023, 133, 417-425.	0.8	2
2	Emergency Department Management of Mild Traumatic Brain Injury in New Delhi—A Single Institute Cohort Management Data. <i>Indian Journal of Neurosurgery</i> , 2022, 11, 123-127.	0.1	2
3	Facile wet chemical synthesis and electrochemical performance of double perovskite- La ₂ NiMnO ₆ for energy storage application. <i>Materials Today: Proceedings</i> , 2022, 48, 587-589.	0.9	4
4	Effects of Sm ³⁺ ions on the structural, optical and thermoluminescence properties of MnKB glass system. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110408.	1.9	4
5	Evaluating potential of tissue-engineered cryogels and chondrocyte derived exosomes in articular cartilage repair. <i>Biotechnology and Bioengineering</i> , 2022, 119, 605-625.	1.7	25
6	Understanding the control of inclusion of SrO to the Li ₂ O-K ₂ O-B ₂ O ₃ -SrO glasses on the physical, structural, and gamma ray shielding performance. <i>Journal of the Australian Ceramic Society</i> , 2022, 58, 205-216.	1.1	2
7	Fire incidents in Bed-head panels: Causes and recommendations for prevention. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 360.	0.3	0
8	Robot-assisted and conventional urology surgical procedures: comparison of average length of stay, economic status, operative time and patient's expenditure in a tertiary care hospital of North India. <i>Journal of Robotic Surgery</i> , 2022, , 1.	1.0	1
9	Responsive polymer-assisted 3D cryogel supports Huh7.5 as in vitro hepatitis C virus model and ectopic human hepatic tissue in athymic mice. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1286-1304.	1.7	2
10	Angst, panic and stigma concomitant to COVID-19 deceased. <i>Asian Journal of Psychiatry</i> , 2021, 55, 102527.	0.9	1
11	A broadband circularly polarized monopole antenna for millimeter-wave short range 5G wireless communication. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021, 31, e22518.	0.8	13
12	Recent Advances in Biomaterial-Based High-Throughput Platforms. <i>Biotechnology Journal</i> , 2021, 16, 2000288.	1.8	5
13	Alternate pathway for standard SCR on Cu-zeolites with gas-phase ammonia. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1042-1052.	1.9	17
14	Rare-earth (Dy)-doped (Ge ₂) ₈₀ (In ₂ S ₃) ₂₀ thin film: influence of annealing temperature in argon environment on the linear and nonlinear optical parameters. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	9
15	Alkaline Earth Stannate Nanomaterials as an Electron Transport Layer in Dye-Sensitized Solar Cells. , 2021, , 1-22.		0
16	Tailoring Dy ³⁺ /Tb ³⁺ -doped lead telluride borate glasses for gamma-ray shielding applications. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	5
17	Multidimensional dynamic healthcare personnel (HCP)-centric model from a low-income and middle-income country to support and protect COVID-19 warriors: a large prospective cohort study. <i>BMJ Open</i> , 2021, 11, e043837.	0.8	7
18	rGO/PEDOT:PSS/NiMn ₂ O ₄ Nanohybrid: An Inexpensive Anode Catalyst for Methanol and Ethylene Glycol Electro-Oxidation. <i>Journal of the Electrochemical Society</i> , 2021, 168, 034510.	1.3	4

#	ARTICLE	IF	CITATIONS
19	X-ray absorption parameters studies of P2O5- SnCl2-SnO bioactive glass system. Journal of X-Ray Science and Technology, 2021, 29, 373-382.	0.7	0
20	Optical, mechanical properties and gamma ray shielding behavior of TeO2-Bi2O3-PbO-MgO-B2O3 glasses using FLUKA simulation code. Optical Materials, 2021, 113, 110900.	1.7	47
21	Fabrication of TeO2-doped strontium borate glasses possessing optimum physical, structural, optical and gamma ray shielding properties. European Physical Journal Plus, 2021, 136, 1.	1.2	8
22	A comprehensive investigation on the role of PbO in the structural and radiation shielding attribute of P2O5-CaO-Na2O-K2O-PbO glass system. Journal of Materials Science: Materials in Electronics, 2021, 32, 12371-12382.	1.1	14
23	Understanding the role of Bi2O3 in the P2O5-CaO-Na2O-K2O glass system in terms of physical, structural and radiation shielding properties. Journal of Materials Science: Materials in Electronics, 2021, 32, 11649-11665.	1.1	16
24	Exosome-Functionalized Ceramic Bone Substitute Promotes Critical-Sized Bone Defect Repair in Rats. ACS Applied Bio Materials, 2021, 4, 3716-3726.	2.3	16
25	Physical, structural, and gamma ray shielding studies on novel (35+x) PbO-5TeO2-20Bi2O3-(20-x) MgO-20B2O3 glasses. Journal of the Australian Ceramic Society, 2021, 57, 971-981.	1.1	7
26	In-depth survey of nuclear radiation attenuation efficacies for high density bismuth lead borate glass system. Results in Physics, 2021, 23, 104030.	2.0	27
27	Detailed Inspection of β -ray, Fast and Thermal Neutrons Shielding Competence of Calcium Oxide or Strontium Oxide Comprising Bismuth Borate Glasses. Materials, 2021, 14, 2265.	1.3	33
28	Tailoring bismuth borate glasses by incorporating PbO/GeO2 for protection against nuclear radiation. Scientific Reports, 2021, 11, 7784.	1.6	22
29	Thermoluminescence, structural and optical properties of Ce3+ doped borosilicate doped glasses. Journal of Materials Science: Materials in Electronics, 2021, 32, 18381-18396.	1.1	21
30	Probing of nuclear radiation attenuation and mechanical features for lithium bismuth borate glasses with improving Bi2O3 content for B2O3+Li2O amounts. Results in Physics, 2021, 25, 104246.	2.0	30
31	Mechanical and Gamma-Ray Interaction Studies of PbO-MoO3-Li2O-B2O3 Glass System for Shielding Applications in The Low Energy Region: A Theoretical Approach. Applied Sciences (Switzerland), 2021, 11, 5538.	1.3	1
32	Mapping B-Cell Epitopes for Nonspecific Lipid Transfer Proteins of Legumes Consumed in India and Identification of Critical Residues Responsible for IgE Binding. Foods, 2021, 10, 1269.	1.9	3
33	Effect of Add-On Therapy of Sodium-Glucose Cotransporter 2 Inhibitors and Dipeptidyl Peptidase 4 Inhibitors on Adipokines in Type 2 Diabetes Mellitus. Journal of Clinical Medicine Research, 2021, 13, 355-362.	0.6	2
34	Miniaturized High-Power Beam Steering Network Using Novel Nonplanar Waveguide Butler Matrix. IEEE Microwave and Wireless Components Letters, 2021, 31, 678-681.	2.0	4
35	Mechanical and Gamma Ray Absorption Behavior of PbO-WO3-Na2O-MgO-B2O3 Glasses in the Low Energy Range. Materials, 2021, 14, 3466.	1.3	16
36	Spinal cord regeneration: A brief overview of the present scenario and a sneak peek into the future. Biotechnology Journal, 2021, 16, e2100167.	1.8	7

#	ARTICLE	IF	CITATIONS
37	Physical, optical, structural and thermoluminescence behaviour of borosilicate glasses doped with trivalent neodymium ions. <i>Optical Materials</i> , 2021, 117, 111109.	1.7	20
38	Periosteum-Mimicking Tissue-Engineered Composite for Treating Periosteum Damage in Critical-Sized Bone Defects. <i>Biomacromolecules</i> , 2021, 22, 3237-3250.	2.6	23
39	Experimental and Theoretical Study of Radiation Shielding Features of CaO-K ₂ O-Na ₂ O-P ₂ O ₅ Glass Systems. <i>Materials</i> , 2021, 14, 3772.	1.3	59
40	Prevalence of 25-Hydroxyvitamin D Deficiency and its severity correlation with Acute Traumatic brain Injury in Indian Patients: A Perspective Observation Study. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 3874-3878.	0.2	3
41	Electronic and optical properties of boron-based hybrid monolayers. <i>Nanotechnology</i> , 2021, 32, 415203.	1.3	2
42	An RNAi-independent role of AP1-like stress response factor Pap1 in centromere and mating-type silencing in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	2
43	Synthesis, structural investigation, mechanical calculations and photon shielding properties of CaO-K ₂ O-Na ₂ O-P ₂ O ₅ glass system. <i>Optical Materials</i> , 2021, 117, 111178.	1.7	9
44	Ferrite application as an electrochemical sensor: A review. <i>Materials Characterization</i> , 2021, 178, 111269.	1.9	54
45	Transplantation of engineered exosomes derived from bone marrow mesenchymal stromal cells ameliorate diabetic peripheral neuropathy under electrical stimulation. <i>Bioactive Materials</i> , 2021, 6, 2231-2249.	8.6	36
46	Optical and gamma-ray shielding effectiveness of a newly fabricated P ₂ O ₅ -CaO-Na ₂ O-K ₂ O-PbO glass system. <i>Progress in Nuclear Energy</i> , 2021, 138, 103798.	1.3	20
47	Effect of Add-On Therapy of Dapagliflozin and Empagliflozin on Adipokines in Type 2 Diabetes Mellitus. <i>Journal of Endocrinology and Metabolism</i> , 2021, 11, 83-90.	0.1	1
48	Evaluation of optical, and radiation shielding features of New phosphate-based glass system. <i>Optik</i> , 2021, 242, 167220.	1.4	24
49	Experimental Investigation of Radiation Shielding Competence of Bi ₂ O ₃ -CaO-K ₂ O-Na ₂ O-P ₂ O ₅ Glass Systems. <i>Materials</i> , 2021, 14, 5061.	1.3	33
50	Mechanical and photon shielding aspects of PbO-BaO-WO ₃ -Na ₂ O-B ₂ O ₃ glass systems. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	10
51	Nanocrystallite assembled La ₂ CoNiO ₆ nanorods fabricated by facile solvothermal route for electrochemical performance. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	1
52	Implementation of stacking based ARIMA model for prediction of Covid-19 cases in India. <i>Journal of Biomedical Informatics</i> , 2021, 121, 103887.	2.5	38
53	Gamma-ray shielding, physical, and structural characteristics of TeO ₂ -CdO-PbO-B ₂ O ₃ glasses. <i>Optical Materials</i> , 2021, 119, 111333.	1.7	14
54	Optical, mechanical properties of TeO ₂ -CdO-PbO-B ₂ O ₃ glass systems and radiation shielding investigation using EPICS2017 library. <i>Optik</i> , 2021, 242, 167342.	1.4	58

#	ARTICLE	IF	CITATIONS
55	Investigation of the optical, mechanical, and radiation shielding features for strontium-borotellurite glass system: Fabrication, characterization, and EPICS2017 computations. <i>Optik</i> , 2021, 243, 167468.	1.4	18
56	The physical, structural and the gamma ray shielding effectiveness of the novel Li ₂ O-K ₂ O-B ₂ O ₃ -TeO ₂ glasses. <i>Results in Physics</i> , 2021, 29, 104726.	2.0	18
57	A Prospective Study of Novel Therapeutic Targets Interleukin 6, Tumor Necrosis Factor $\hat{\pm}$, and Interferon $\hat{\beta}$ as Predictive Biomarkers for the Development of Posttraumatic Epilepsy. <i>World Neurosurgery: X</i> , 2021, 12, 100107.	0.6	6
58	Dielectric constant, polarizability, susceptibility and gamma ray shielding behavior of the Li ₂ O-Li ₂ MoO ₄ -TiO ₂ -P ₂ O ₅ glasses. <i>Optik</i> , 2021, 245, 167639.	1.4	4
59	Experimental and theoretical analysis of radiation shielding properties of strontium-borate-tellurite glasses. <i>Optical Materials</i> , 2021, 121, 111589.	1.7	28
60	A novel CaO-K ₂ O-Na ₂ O-P ₂ O ₅ glass systems for radiation shielding applications. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109645.	1.4	48
61	SrO-SiO ₂ -B ₂ O ₃ -ZrO ₂ glass system: Effects of varying SrO and BaO compositions to physical and optical properties, and radiation shielding using EPDL2017 photoatomic library. <i>Optik</i> , 2021, 245, 167670.	1.4	14
62	Optical and gamma ray shielding properties BaO doped K ₂ O-TiO ₂ -P ₂ O ₅ glasses. <i>Optik</i> , 2021, 247, 167893.	1.4	0
63	Effect of adding SrO, TeO ₂ , PbO, and Bi ₂ O ₃ heavy metal oxides on the optical and gamma ray shielding properties of Li ₂ O-K ₂ O-B ₂ O ₃ glasses. <i>Optik</i> , 2021, 247, 167848.	1.4	3
64	Li ₂ O-K ₂ O-B ₂ O ₃ -PbO glass system: Optical and gamma-ray shielding investigations. <i>Optik</i> , 2021, 247, 167792.	1.4	39
65	B ₂ O ₃ -TeO ₂ -K ₂ O-Li ₂ O glasses: Optical and gamma ray shielding characterization. <i>Optik</i> , 2021, 247, 167847.	1.4	0
66	LiKBPbX glasses: Physical, structural and gamma ray shielding competence. <i>Optik</i> , 2021, 247, 167835.	1.4	1
67	Intra-articular gold induced cytokine (GOLDICÂ®) injection therapy in patients with osteoarthritis of knee joint: a clinical study. <i>International Orthopaedics</i> , 2021, 45, 497-507.	0.9	14
68	Structural, dielectric and magnetic properties of double perovskite-La ₂ CoNiO ₆ ceramics synthesised by wet chemical route. <i>International Journal of Nanotechnology</i> , 2021, 18, 622.	0.1	1
69	Current strategies in tailoring methods for engineered exosomes and future avenues in biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6281-6309.	2.9	21
70	Gamma ray interaction studies of the PbCl ₂ -SnCl ₂ -P ₂ O ₅ bioactive glass system for applications in nuclear medicine. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 635-642.	1.1	5
71	Impact of Renewable Energy Sources into Multi Area Multi-Source Load Frequency Control of Interrelated Power System. <i>Mathematics</i> , 2021, 9, 186.	1.1	21
72	Impact of replacement of B ₂ O ₃ by TeO ₂ on the physical, optical and gamma ray shielding characteristics of Pb-free B ₂ O ₃ -TeO ₂ -ZnO-Al ₂ O ₃ -Li ₂ O-MgO glass system. <i>Optik</i> , 2021, 248, 168100.	1.4	1

#	ARTICLE	IF	CITATIONS
73	H19Xâ€ encoded miRâ€322(424)/miRâ€503 regulates muscle mass by targeting translation initiation factors. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 2174-2186.	2.9	9
74	Impact of Bi2O3 on optical properties and radiation attenuation characteristics of Bi2O3-Li2O-P2O5 glasses. Optik, 2021, 248, 168081.	1.4	8
75	Exploration of the B2O3-Bi2O3-MoO3 glass system based on its physical, optical, and gamma ray shielding capabilities. Optik, 2021, 248, 168177.	1.4	2
76	Evaluation of structural and gamma ray shielding competence of Li2O-K2O-B2O3-HMO (HMO =) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.4	30
77	ACE2 Expression in the Pancreas and Association With COVID-19 Infection. Pancreas, 2021, 50, e1-e2.	0.5	3
78	Comparison of Ultrasonography and X-Rays for the Diagnosis of Synovitis and Bony Erosions in Small Joints of Hands in Early Rheumatoid Arthritis: a Prospective Study. MÃ dica, 2021, 16, 22-28.	0.4	0
79	The IRE1/XBP1 signaling axis promotes skeletal muscle regeneration through a cell non-autonomous mechanism. ELife, 2021, 10, .	2.8	11
80	Illustration of distinct nuclear radiation transmission factors combined with physical and elastic characteristics of barium boro-bismuthate glasses. Results in Physics, 2021, 31, 105067.	2.0	26
81	Therapeutic plasma exchange in acute fatty liver of pregnancy: a case report and literature review. Pan African Medical Journal, 2021, 40, 220.	0.3	2
82	An Offset CPW-Fed Dual-Band Circularly Polarized Printed Antenna for Multiband Wireless Applications. Lecture Notes in Electrical Engineering, 2020, , 411-418.	0.3	7
83	Design and Studies of Bandstop Filters Using Modified CSRR DGS for WLAN Applications. Lecture Notes in Electrical Engineering, 2020, , 467-475.	0.3	3
84	Experimental studies and Monte Carlo simulations on gamma ray shielding competence of (30+x)PbO 10WO3 10Na2Oâ€â€™â€10MgO â€“ (40-x)B2O3 glasses. Progress in Nuclear Energy, 2020, 119, 103047.	1.3	93
85	Shielding behaviour of (20â€+â€x) Bi2O3 â€“ 20BaOâ€“10Na2Oâ€“10MgOâ€“(40-x) B2O3: An experimental and Monte Carlo study. Chemical Physics, 2020, 529, 110571.	0.9	42
86	Nanohydroxyapatite Based Ceramic Carrier Promotes Bone Formation in a Femoral Neck Canal Defect in Osteoporotic Rats. Biomacromolecules, 2020, 21, 328-337.	2.6	40
87	Surface modification of reduced graphene oxideâ€polyaniline nanotubes nanocomposites for improved supercapacitor electrodes. Polymer Composites, 2020, 41, 653-667.	2.3	15
88	Evaluation of gamma-ray and neutron shielding features of heavy metals doped Bi2O3-BaO-Na2O-MgO-B2O3 glass systems. Progress in Nuclear Energy, 2020, 118, 103118.	1.3	102
89	Response to a Fire Incident in the Operation Room: A Cautionary Tale. Disaster Medicine and Public Health Preparedness, 2020, 14, 284-288.	0.7	7
90	Gelatin interpenetration in poly N â€isopropylacrylamide network reduces the compressive modulus of the scaffold: A property employed to mimic hepatic matrix stiffness. Biotechnology and Bioengineering, 2020, 117, 567-579.	1.7	8

#	ARTICLE	IF	CITATIONS
91	Effect of MnO on structural, optical and thermoluminescence properties of lithium borosilicate glasses. <i>Journal of Luminescence</i> , 2020, 219, 116872.	1.5	20
92	Probing the ionic transport dynamics in ionic liquid incorporated CuBTC-Metal-Organic Framework based PVdF-HFP nanocomposite membranes. <i>Solid State Sciences</i> , 2020, 100, 106115.	1.5	14
93	Role of surfactant in optimization of 3D ZnO floret as photoanode for dye sensitized solar cell. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1035-1044.	1.6	2
94	Comparative study of gamma-ray shielding features and some properties of different heavy metal oxide-based tellurite-rich glass systems. <i>Radiation Physics and Chemistry</i> , 2020, 170, 108633.	1.4	17
95	Microstructure and electrochemical performance of La ₂ ZnMnO ₆ nanoflakes synthesized by facile hydrothermal route. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	28
96	Wet chemical synthesis and electrochemical performance of novel double perovskite Y ₂ CuMnO ₆ nanocrystallites. <i>Materials Science in Semiconductor Processing</i> , 2020, 107, 104826.	1.9	22
97	Adipose-Derived Stem Cells (ADSCs) Loaded Gelatin-Sericin-Laminin Cryogels for Tissue Regeneration in Diabetic Wounds. <i>Biomacromolecules</i> , 2020, 21, 294-304.	2.6	37
98	Theoretical and experimental validation gamma shielding properties of B ₂ O ₃ -ZnO-MgO-Bi ₂ O ₃ glass system. <i>Materials Chemistry and Physics</i> , 2020, 242, 122504.	2.0	36
99	Wideband circularly polarized parasitic patches loaded coplanar waveguide-fed square slot antenna with grounded strips and slots for wireless communication systems. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 114, 153011.	1.7	18
100	Local and Sustained Delivery of Rifampicin from a Bioactive Ceramic Carrier Treats Bone Infection in Rat Tibia. <i>ACS Infectious Diseases</i> , 2020, 6, 2938-2949.	1.8	26
101	Reckoning of nuclear radiation attenuation capabilities for binary GeO ₂ -Ti ₂ O, GeO ₂ -Bi ₂ O ₃ , and ternary GeO ₂ -Ti ₂ O-Bi ₂ O ₃ glasses utilizing pertinent theoretical and computational approaches. <i>Optical Materials</i> , 2020, 108, 110113.	1.7	10
102	Dextran based amphiphilic nano-hybrid hydrogel system incorporated with curcumin and cerium oxide nanoparticles for wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 195, 111263.	2.5	84
103	Redispersion of cryoaggregated gold nanoparticle by means of laser irradiation and effect on biological interactions. <i>Nanotechnology</i> , 2020, 31, 435601.	1.3	1
104	Letter to the editor in response to COVID-19 presenting as acute pancreatitis. <i>Pancreatology</i> , 2020, 20, 1021-1022.	0.5	7
105	Phase transformation in wet chemically synthesized Y ₂ NiFeO ₆ , and its magnetic and energy storage properties. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	6
106	SnO-reinforced silicate glasses and utilization in gamma-radiation-shielding applications. <i>Emerging Materials Research</i> , 2020, 9, 1000-1008.	0.4	67
107	Investigation of structural, morphological and electrochemical properties of mesoporous La ₂ CuCoO ₆ rods fabricated by facile hydrothermal route. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020, 27, 987-995.	2.4	12
108	Facile solvothermal synthesis of nano-assembled mesoporous rods of cobalt free La ₂ NiFeO ₆ for electrochemical behaviour. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114664.	1.7	11

#	ARTICLE	IF	CITATIONS
109	Binary B ₂ O ₃ -Bi ₂ O ₃ glasses: scrutinization of directly and indirectly ionizing radiations shielding abilities. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14549-14567.	2.6	63
110	Coronavirus disease 2019 and the pancreas. <i>Pancreatology</i> , 2020, 20, 1567-1575.	0.5	49
111	Agar-Iodine Transdermal Patches for Infected Diabetic Wounds. <i>ACS Applied Bio Materials</i> , 2020, 3, 7515-7530.	2.3	14
112	Feasibility of telemedicine in maintaining follow-up of orthopaedic patients and their satisfaction: A preliminary study. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, S704-S710.	0.6	46
113	Structural, Dielectric, and Energy Storage Properties of Citric Acid and Ethylene Glycol Assisted Hydrothermally Synthesized Y ₂ FeCoO ₆ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000324.	0.8	6
114	A study of critical minima and spin polarization in the e ⁻ -Ba elastic scattering. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	5
115	Data supporting exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. <i>Data in Brief</i> , 2020, 31, 105671.	0.5	16
116	Perioperative COVID-19 testing for orthopaedic patients: Current evidence. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, S296-S297.	0.6	5
117	Structural, optical and thermoluminescence properties of newly developed MnKB: Er ³⁺ glass system. <i>Journal of Non-Crystalline Solids</i> , 2020, 543, 120113.	1.5	17
118	Optimization Methodologies and Testing on Standard Benchmark Functions of Load Frequency Control for Interconnected Multi Area Power System in Smart Grids. <i>Mathematics</i> , 2020, 8, 980.	1.1	14
119	Oxidised charcoal: an efficient support for NiFe layered double hydroxide to improve electrochemical oxygen evolution. <i>Chemical Communications</i> , 2020, 56, 8770-8773.	2.2	10
120	Mesoporous spheres of Dy ₂ NiMnO ₆ synthesized via hydrothermal route for structural, morphological, and electrochemical investigation. <i>Ionics</i> , 2020, 26, 5143-5153.	1.2	12
121	Biofabrication of gold nanoparticles with bone remodeling potential: an in vitro and in vivo assessment. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	10
122	Neuroprotective Role of Oral Vitamin D Supplementation on Consciousness and Inflammatory Biomarkers in Determining Severity Outcome in Acute Traumatic Brain Injury Patients: A Double-Blind Randomized Clinical Trial. <i>Clinical Drug Investigation</i> , 2020, 40, 327-334.	1.1	28
123	Li ₂ O-B ₂ O ₃ -Bi ₂ O ₃ glasses: gamma-rays and neutrons attenuation study using ParShield/WinXCOM program and Geant4 and Penelope codes. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	14
124	The synthesis, structural, optical and electrical characterizations of double perovskite oxide Y ₂ CuCoO ₅ . <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
125	TAK1 preserves skeletal muscle mass and mitochondrial function through redox homeostasis. <i>FASEB BioAdvances</i> , 2020, 2, 538-553.	1.3	11
126	B ₂ O ₃ -Bi ₂ O ₃ -TeO ₂ -BaO and TeO ₂ -Bi ₂ O ₃ -BaO glass systems: a comparative assessment of gamma-ray and fast and thermal neutron attenuation aspects. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	69

#	ARTICLE	IF	CITATIONS
127	Structural, Optical, and Multiferroic Properties of Yttrium (Y ³⁺)-Substituted BiFeO ₃ Nanostructures. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2017-2029.	0.8	9
128	Structural and multiferroic properties of BiFeO ₃ /MgLa _{0.025} Fe _{1.975} O ₄ nanocomposite synthesized by sol-gel auto combustion route. Journal of Materials Science: Materials in Electronics, 2020, 31, 2777-2788.	1.1	8
129	Solvothermal synthesis dependent structural, morphological and electrochemical behaviour of mesoporous nanorods of Sm ₂ NiMnO ₆ . Ceramics International, 2020, 46, 11041-11048.	2.3	20
130	Asymmetric CPW-Fed Multistubs Loaded Compact Printed Multiband Antenna for Wireless Applications. Lecture Notes in Electrical Engineering, 2020, , 317-324.	0.3	0
131	Investigation of Substrate Integrated Waveguide (SIW) Filter Using Defected Ground Structure (DGS). Lecture Notes in Electrical Engineering, 2020, , 449-456.	0.3	0
132	Performance Analysis of Underwater 2D OCDMA System. Lecture Notes in Electrical Engineering, 2020, , 477-484.	0.3	6
133	Studies of Various Artificial Magnetic Conductor for 5G Applications. Lecture Notes in Electrical Engineering, 2020, , 523-530.	0.3	4
134	Broadband Circularly Polarized CPW-Fed Inverted-L Grounded Strips and SRR Loaded Square Slot Antenna for Wi-Fi/WiMAX/5G Applications. Lecture Notes in Electrical Engineering, 2020, , 591-596.	0.3	0
135	TeO ₂ -B ₂ O ₃ -ZnO-La ₂ O ₃ glasses: β -ray and neutron attenuation characteristics analysis by WinXCOM program, MCNP5, Geant4, and Penelope simulation codes. Ceramics International, 2020, 46, 16620-16635.	2.3	27
136	Energy storage properties of double perovskites Gd ₂ NiMnO ₆ for electrochemical supercapacitor application. Solid State Sciences, 2020, 105, 106252.	1.5	34
137	Ethylene glycol/citric acid stabilized wet chemically synthesized Y ₂ CoNiO ₆ , and its structural, dielectric, magnetic and electrochemical behavior. Journal of Materials Science: Materials in Electronics, 2020, 31, 6977-6987.	1.1	16
138	The role of PbO/Bi ₂ O ₃ insertion on the shielding characteristics of novel borate glasses. Ceramics International, 2020, 46, 23357-23368.	2.3	83
139	Enhanced bone mineralization using hydroxyapatite-based ceramic bone substitute incorporating <i>Withania somnifera</i> extracts. Biomedical Materials (Bristol), 2020, 15, 055015.	1.7	15
140	Zn Doped γ -Fe ₂ O ₃ : An Efficient Material for UV Driven Photocatalysis and Electrical Conductivity. Crystals, 2020, 10, 273.	1.0	86
141	Structural and paramagnetic resonance properties correlation in lanthanum ion doped nickel ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 508, 166866.	1.0	18
142	Improved Bone Regeneration in Rabbit Bone Defects Using 3D Printed Composite Scaffolds Functionalized with Osteoinductive Factors. ACS Applied Materials & Interfaces, 2020, 12, 48340-48356.	4.0	23
143	Prevalence and risk factors for nonalcoholic fatty liver disease in obese children in rural Punjab, India. Journal of Family and Community Medicine, 2020, 27, 103.	0.5	9
144	Management of hunger strike: A medical, ethical and legal conundrum. Medico-Legal Journal, 2020, 88, 215-219.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Loss of seed viability in onion (<i>Allium cepa</i> L.) in relation to degradation of lipids during storage. <i>Journal of Applied and Natural Science</i> , 2020, 12, 635-640.	0.2	2
146	Ripple-Free Input Current High Voltage Gain DC-DC Converters With Coupled Inductors. <i>IEEE Transactions on Power Electronics</i> , 2019, 34, 3418-3428.	5.4	67
147	Size dependent morphology, magnetic and dielectric properties of BiFeO ₃ nanoparticles. <i>MRS Advances</i> , 2019, 4, 1659-1665.	0.5	7
148	Effect of novel ZnO/Zn ₂ SnO ₄ photoanode on the performance of dye sensitized solar cell. <i>Optik</i> , 2019, 194, 163117.	1.4	21
149	Physiological Biomimetic Culture System for Pig and Human Heart Slices. <i>Circulation Research</i> , 2019, 125, 628-642.	2.0	60
150	MINIATURIZED MULTISTUBS LOADED RECTANGULAR MONOPOLE ANTENNA FOR MULTIBAND APPLICATIONS BASED ON THEORY OF CHARACTERISTICS MODES. <i>Progress in Electromagnetics Research C</i> , 2019, 92, 177-189.	0.6	7
151	Structural, optical, and gamma-ray-sensing characterization of (35Å ^x) PbO-10 MgO-10Na ₂ O-5 Fe ₂ O ₃ -10 BaO-(30Å ^x) B ₂ O ₃ glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	13
152	Dual wideband circular polarized CPW-fed strip and slots loaded compact square slot antenna for wireless and satellite applications. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 108, 181-188.	1.7	32
153	Hydrothermal synthesis and electrochemical performance of nanostructured cobalt free La ₂ CuMnO ₆ . <i>Solid State Sciences</i> , 2019, 95, 105927.	1.5	31
154	Morphology correlated efficiency of ZnO photoanode in dye sensitized solar cell. <i>Materials Research Express</i> , 2019, 6, 1050d3.	0.8	4
155	Assessment of gamma-rays and fast neutron beam attenuation features of Er ₂ O ₃ -doped B ₂ O ₃ -ZnO-Bi ₂ O ₃ glasses using XCOM and simulation codes (MCNP5 and Geant4). <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	17
156	Gamma ray shielding behavior of Li ₂ O-doped PbO-MoO ₃ -B ₂ O ₃ glass system. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	18
157	Optically transparent newly developed glass materials for gamma ray shielding applications. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119490.	1.5	15
158	Extensive study of newly developed highly dense transparent PbO-WO ₃ -BaO-Na ₂ O-B ₂ O ₃ glasses for radiation shielding applications. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119521.	1.5	19
159	Investigations on magnetic and electrical properties of Zn doped Fe ₂ O ₃ nanoparticles and their correlation with local electronic structures. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 489, 165398.	1.0	36
160	The Toll-Like Receptor/MyD88/XBP1 Signaling Axis Mediates Skeletal Muscle Wasting during Cancer Cachexia. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	37
161	Elastic scattering of electrons by Sr atom: a study of critical minima and spin polarization. <i>Journal of Physics Communications</i> , 2019, 3, 065001.	0.5	4
162	A novel single myocapsular sleeve (SMS) repair technique to reduce dislocation in posterior approach to the hip: A clinico-radiographic study. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, S247-S251.	0.6	0

#	ARTICLE	IF	CITATIONS
163	Boro-silicate glasses co-doped Er ³⁺ /Yb ³⁺ for optical amplifier and gamma radiation shielding applications. <i>Physica B: Condensed Matter</i> , 2019, 567, 37-44.	1.3	42
164	Influence of La ³⁺ ion doping on structural and magnetic properties of nickel ferrite nanoparticles prepared by sol-gel route. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	2
165	Chitosan-Gelatin-Polypyrrole Cryogel Matrix for Stem Cell Differentiation into Neural Lineage and Sciatic Nerve Regeneration in Peripheral Nerve Injury Model. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3007-3021.	2.6	23
166	Facile synthesis of novel ZnO/Cd _{0.5} Zn _{0.5} S photoanode for dye-sensitized solar cell. <i>Materials Research Express</i> , 2019, 6, 085029.	0.8	4
167	Electrochemical behavior of oxygen-deficient double perovskite, Ba ₂ FeCoO _{6-δ} , synthesized by facile wet chemical process. <i>Ceramics International</i> , 2019, 45, 14105-14110.	2.3	30
168	100 MeV O ⁷⁺ ion irradiation induced electrochemical enhancement in NiBTC metal-organic framework based composite polymer electrolytes incorporated with ionic liquid. <i>Materials Research Express</i> , 2019, 6, 085305.	0.8	4
169	Studies on the structural, optical and radiation shielding properties of (50 \times) PbO \times 10 WO ₃ \times 10 Na ₂ O \times 10 MgO \times (20 \times + \times) B ₂ O ₃ glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 513, 159-166.	1.5	36
170	Facile wet chemical synthesis and electrochemical behavior of La ₂ FeCoO ₆ nano-crystallites. <i>Materials Science in Semiconductor Processing</i> , 2019, 99, 8-13.	1.9	31
171	Scope of Artificial Intelligence for Interconnected Multi Area Power System: A Literature Review. , 2019, , .		0
172	A Cascaded Buck-Flyback Structure for High Voltage Step Down Applications. , 2019, , .		4
173	Scope of Meta-Heuristics Optimizer for Automatic Generation Control of Realistic Power System. , 2019, , .		1
174	Operating Modes based Review of Single-Stage Buck-Boost Inverters. , 2019, , .		2
175	ER Stress and Unfolded Protein Response in Cancer Cachexia. <i>Cancers</i> , 2019, 11, 1929.	1.7	40
176	Influence of Ce ³⁺ Ion Doping on Structural and Magnetic Properties of Magnesium Nanoferrite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 1465-1474.	0.8	11
177	PERK regulates skeletal muscle mass and contractile function in adult mice. <i>FASEB Journal</i> , 2019, 33, 1946-1962.	0.2	45
178	Physical, structural, optical and thermoluminescence behavior of Dy ₂ O ₃ doped sodium magnesium borosilicate glasses. <i>Results in Physics</i> , 2019, 12, 827-839.	2.0	67
179	Effects of different concentration and combinations of cryoprotectants on sperm quality, functional integrity in three Indian horse breeds. <i>Cryobiology</i> , 2019, 86, 52-57.	0.3	19
180	Composite bilayered scaffolds with bio-functionalized ceramics for cranial bone defects: An <i>in vivo</i> evaluation. <i>Multifunctional Materials</i> , 2019, 2, 014002.	2.4	5

#	ARTICLE	IF	CITATIONS
181	Mixed transition and rare earth ion doped borate glass: structural, optical and thermoluminescence study. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 677-686.	1.1	32
182	Aligned Chitosan-Gelatin Cryogel-Filled Polyurethane Nerve Guidance Channel for Neural Tissue Engineering: Fabrication, Characterization, and In Vitro Evaluation. <i>Biomacromolecules</i> , 2019, 20, 662-673.	2.6	69
183	Quality assurance and adverse event management in regenerative medicine for knee osteoarthritis: Current concepts. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, 53-58.	0.6	8
184	Comparative study of structural, magnetic and dielectric properties of CoFe ₂ O ₄ @ BiFeO ₃ and BiFeO ₃ @ CoFe ₂ O ₄ core-shell nanocomposites. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 475, 30-37.	1.0	29
185	Canonical NF- κ B signaling regulates satellite stem cell homeostasis and function during regenerative myogenesis. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 53-66.	1.5	19
186	Physical, structural, optical and gamma ray shielding behavior of (20+x) PbO $\hat{=}$ 10 BaO $\hat{=}$ 10 Na ₂ O $\hat{=}$ 10 MgO $\hat{=}$ (50-x) B ₂ O ₃ glasses. <i>Physica B: Condensed Matter</i> , 2019, 552, 110-118.	1.3	102
187	<scp>ER</scp> stress in skeletal muscle remodeling and myopathies. <i>FEBS Journal</i> , 2019, 286, 379-398.	2.2	96
188	Endogenous Platelet-Rich Plasma Supplements/Augments Growth Factors Delivered via Porous Collagen-Nanohydroxyapatite Bone Substitute for Enhanced Bone Formation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 56-69.	2.6	19
189	Perceived effectiveness of infection control practices in Laundry of a tertiary healthcare centre. <i>World Journal of Emergency Medicine</i> , 2019, 10, 114.	0.5	1
190	Mechanical and gamma-ray shielding properties of TeO ₂ -ZnO-NiO glasses. <i>Materials Chemistry and Physics</i> , 2018, 212, 12-20.	2.0	100
191	Miniaturized wideband dual linearly and circularly polarized printed square slot antenna for multiradio wireless systems. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 88, 44-51.	1.7	30
192	Facile wet chemical synthesis of Er ³⁺ /Yb ³⁺ co-doped BaSnO ₃ nano-crystallites for dye-sensitized solar cell application. <i>Materials Science in Semiconductor Processing</i> , 2018, 83, 83-88.	1.9	30
193	A novel long non-coding RNA Myolinc regulates myogenesis through TDP-43 and Filip1. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 102-117.	1.5	56
194	Comparative study of gamma ray shielding competence of WO ₃ -TeO ₂ -PbO glass system to different glasses and concretes. <i>Materials Chemistry and Physics</i> , 2018, 213, 508-517.	2.0	140
195	An offset CPW-fed triple-band circularly polarized printed antenna for multiband wireless applications. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 86, 133-141.	1.7	25
196	Frequency Domain Analysis and Optimal Design of Isolated Bidirectional Series Resonant Converter. <i>IEEE Transactions on Industry Applications</i> , 2018, 54, 356-366.	3.3	32
197	Cetyltrimmonium Bromide Assisted Synthesis of Lanthanum Containing Barium Stannate Nanoparticles for Application in Dye Sensitized Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700723.	0.8	19
198	Behavior of lanthanum containing barium stannate nanoparticles synthesized by cetyltrimmonium bromide assisted wet chemistry route. <i>Materials Research Express</i> , 2018, 5, 025030.	0.8	1

#	ARTICLE	IF	CITATIONS
199	Compact Triple-Band Stubs-Loaded Rectangular Monopole Antenna for WiMAX/WLAN Applications. Lecture Notes in Electrical Engineering, 2018, , 429-435.	0.3	3
200	Engineering Bioinspired Antioxidant Materials Promoting Cardiomyocyte Functionality and Maturation for Tissue Engineering Application. ACS Applied Materials & Interfaces, 2018, 10, 3260-3273.	4.0	68
201	Design of multi- ϵ -polarised quad-band planar antenna with parasitic multistubs for multiband wireless communication. IET Microwaves, Antennas and Propagation, 2018, 12, 718-726.	0.7	22
202	Emerging roles of ER stress and unfolded protein response pathways in skeletal muscle health and disease. Journal of Cellular Physiology, 2018, 233, 67-78.	2.0	135
203	A novel method of utilization of hot dip galvanizing slag using the heat waste from itself for protection from radiation. Journal of Hazardous Materials, 2018, 344, 602-614.	6.5	55
204	Thermal, electrical, and dielectric properties of reduced graphene oxide-polyaniline nanotubes hybrid nanocomposites synthesized by <i>in situ</i> reduction and varying graphene oxide concentration. Journal of Applied Polymer Science, 2018, 135, 45883.	1.3	22
205	Cetyltrimethyl ammonium bromide stabilized lanthanum doped SrSnO ₃ nanoparticle photoanode for dye sensitized solar cell application. Solid State Communications, 2018, 269, 6-10.	0.9	14
206	New Switching Strategy for Single-Mode Operation of a Single-Stage Buck-Boost Inverter. IEEE Transactions on Power Electronics, 2018, 33, 5927-5936.	5.4	24
207	Effect of PbO on the shielding behavior of ZnO-P ₂ O ₅ glass system using Monte Carlo simulation. Journal of Non-Crystalline Solids, 2018, 481, 604-607.	1.5	51
208	Decellularized Liver Matrix-Modified Cryogel Scaffolds as Potential Hepatocyte Carriers in Bioartificial Liver Support Systems and Implantable Liver Constructs. ACS Applied Materials & Interfaces, 2018, 10, 114-126.	4.0	53
209	Exploration of gamma radiation shielding features for titanate bismuth borotellurite glasses using relevant software program and Monte Carlo simulation code. Journal of Non-Crystalline Solids, 2018, 481, 65-73.	1.5	57
210	TAK1 regulates skeletal muscle mass and mitochondrial function. JCI Insight, 2018, 3, .	2.3	38
211	Inner Loop Stability of Peak Current Controlled Cuk and SEPIC Converters. , 2018, , .		2
212	Derivation of Single-Stage Single-Phase Fourth Order Buck-boost Inverters. , 2018, , .		2
213	CCM-DCM Operation of a High Voltage Gain Boost-Flyback Derived Converter. , 2018, , .		1
214	Two High Voltage Gain Non-isolated Dc-dc Converters with Ripple Free Input Current. , 2018, , .		0
215	Biomimetic Photocurable Three-Dimensional Printed Nerve Guidance Channels with Aligned Cryomatrix Lumen for Peripheral Nerve Regeneration. ACS Applied Materials & Interfaces, 2018, 10, 43327-43342.	4.0	62
216	Radiation shielding parameters of BaO-Nb ₂ O ₅ -P ₂ O ₅ glass system using MCNP5 code and XCOM software. Materials Research Express, 2018, 5, 115203.	0.8	15

#	ARTICLE	IF	CITATIONS
217	Amine-Functionalized Electrically Conductive Core-Sheath MEH-PPV:PCL Electrospun Nanofibers for Enhanced Cell-Biomaterial Interactions. ACS Biomaterials Science and Engineering, 2018, 4, 3327-3346.	2.6	24
218	Annealing effect on the structural and dielectric properties of hematite nanoparticles. AIP Conference Proceedings, 2018, . .	0.3	11
219	Nickel-induced magnetic behaviour of nano-structured $\pm\text{Fe}_{2}\text{O}_{3}$, synthesised by facile wet chemical route. Philosophical Magazine, 2018, 98, 2425-2439.	0.7	6
220	Gamma ray shielding studies on $\text{B}_{2}\text{O}_{3}\text{-}^{16}\text{GeO}_{2}\text{-}^{4}\text{Bi}_{2}\text{O}_{3}$ (53.33%) PbO-xPbF_{2} glass system using MCNPX, Geant4 and XCOM. Materials Research Express, 2018, 5, 095203.	0.8	24
221	MyD88 is required for satellite cell-mediated myofiber regeneration in dystrophin-deficient mdx mice. Human Molecular Genetics, 2018, 27, 3449-3463.	1.4	15
222	TRAF3IP2 mediates TWEAK/TWEAKR-induced pro-fibrotic responses in cultured cardiac fibroblasts and the heart. Journal of Molecular and Cellular Cardiology, 2018, 121, 107-123.	0.9	26
223	Critical points for electron-Mg atom elastic scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 035203.	0.6	6
224	Electrically conductive MEH-PPV:PCL electrospun nanofibres for electrical stimulation of rat PC12 pheochromocytoma cells. Biomaterials Science, 2018, 6, 2342-2359.	2.6	29
225	Synthesis of Yeast-Immobilized and Copper Nanoparticle-Dispersed Carbon Nanofiber-Based Diabetic Wound Dressing Material: Simultaneous Control of Glucose and Bacterial Infections. ACS Applied Bio Materials, 2018, 1, 246-258.	2.3	52
226	Oxygen-Releasing Antioxidant Cryogel Scaffolds with Sustained Oxygen Delivery for Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2018, 10, 18458-18469.	4.0	112
227	Radiation interaction parameters of dosimetric importance for some commonly used compensators in IMRT using Monte Carlo simulation code. Journal of Radiological Protection, 2018, 38, 1321-1343.	0.6	0
228	Effect of Mg^{2+} substitution on structural and magnetic properties of nano zinc ferrite. AIP Conference Proceedings, 2018, . .	0.3	2
229	Electrocatalytic Activity of rGO/PEDOT-PSS Nanocomposite towards Methanol Oxidation in Alkaline Media. Electroanalysis, 2018, 30, 2131-2144.	1.5	15
230	Effect of Annealing on Structural Properties of $\text{Fe}_{3}\text{O}_{4}$ Ferrite Nanoparticles. Advanced Science Letters, 2018, 24, 5748-5751.	0.2	0
231	Investigations on structural and magnetic properties of Mn doped $\text{Er}_{2}\text{O}_{3}$. Solid State Sciences, 2017, 67, 8-12.	1.5	7
232	Nano-Hydroxyapatite Bone Substitute Functionalized with Bone Active Molecules for Enhanced Cranial Bone Regeneration. ACS Applied Materials & Interfaces, 2017, 9, 6816-6828.	4.0	91
233	Up-Conversion in Perovskite Strontium Stannate Nanocrystal Whiskers. Transactions of the Indian Institute of Metals, 2017, 70, 573-579.	0.7	9
234	Constrained dipole oscillator strength distributions, sum rules, and dispersion coefficients for Br_{2} and BrCN . Chemical Physics Letters, 2017, 672, 31-33.	1.2	1

#	ARTICLE	IF	CITATIONS
235	Gamma ray shielding properties of PbO-Li ₂ O-B ₂ O ₃ glasses. Radiation Physics and Chemistry, 2017, 136, 50-53.	1.4	206
236	Design of quad-band microstrip-fed stubs-loaded frequency reconfigurable antenna for multiband operation. , 2017, , .		2
237	Design and characterization of aperture coupled patch antenna for wearable applications. , 2017, , .		0
238	A compact triple-band planar MIMO diversity antenna for WiMAX/WLAN applications. , 2017, , .		4
239	Design of reconfigurable compact dual polarized antenna for multiband operation. , 2017, , .		3
240	An extremely wideband/multiresonance monopole antenna with multiple notched stop bands. , 2017, , .		1
241	Structural, optical and weak magnetic properties of Co and Mn codoped TiO ₂ nanoparticles. Solid State Sciences, 2017, 73, 19-26.	1.5	32
242	Design and analysis of a compact microstrip antenna using shorting pin for 5 GHz band. , 2017, , .		1
243	A compact printed multistubs loaded resonator rectangular monopole antenna design for multiband wireless systems. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21147.	0.8	24
244	MyD88 promotes myoblast fusion in a cell-autonomous manner. Nature Communications, 2017, 8, 1624.	5.8	46
245	Impedance analysis and dielectric response of anatase TiO ₂ nanoparticles codoped with Mn and Co ions. Materials Research Express, 2017, 4, 115035.	0.8	6
246	Effects of omega-3 on matrix metalloproteinase-9, myoblast transplantation and satellite cell activation in dystrophin-deficient muscle fibers. Cell and Tissue Research, 2017, 369, 591-602.	1.5	8
247	A Four-Switch Single-Stage Single-Phase Buck-Boost Inverter. IEEE Transactions on Power Electronics, 2017, 32, 5282-5292.	5.4	90
248	A triple-band dual-polarized compact square slot antenna with an offset CPW feeding and radiator. , 2017, , .		0
249	A compact offset CPW-fed dual polarized stubs loaded monopole antenna for quad-band operation. , 2017, , .		3
250	Compact offset CPW-fed inverted L-shaped dual-band dual-polarized reconfigurable printed antenna. , 2017, , .		3
251	High aperture efficiency profiled horn at Ku-band. , 2017, , .		1
252	The PERK arm of the unfolded protein response regulates satellite cell-mediated skeletal muscle regeneration. ELife, 2017, 6, .	2.8	63

#	ARTICLE	IF	CITATIONS
253	A Compact ACS-Fed Triple-Band Dual-Polarized Stubs-Loaded Frequency Reconfigurable Printed Antenna for WiMAX and WLAN Applications. , 2017, , .		2
254	Isolation, Culturing, and Differentiation of Primary Myoblasts from Skeletal Muscle of Adult Mice. Bio-protocol, 2017, 7, .	0.2	60
255	Distinct roles of TRAF6 and TAK1 in the regulation of adipocyte survival, thermogenesis program, and high-fat diet-induced obesity. Oncotarget, 2017, 8, 112565-112583.	0.8	16
256	Pes Anserinus Bursitis due to Tibial Spurs in Children. Cureus, 2017, 9, e1427.	0.2	5
257	EVALUATION OF DIAGNOSTIC PARAMETERS TO DETECT INDUCTION OF ACNE, ACUTE DERMAL IRRITATION AND CORROSION POTENTIAL OF A POLYHERBAL FORMULATION. International Journal of Research in Ayurveda and Pharmacy, 2017, 8, 87-90.	0.0	0
258	Noncoding RNAs in the regulation of skeletal muscle biology in health and disease. Journal of Molecular Medicine, 2016, 94, 853-866.	1.7	53
259	A high voltage gain current fed non-isolated dc-dc converter. , 2016, , .		5
260	Frequency domain analysis and design of isolated bidirectional series resonant Dc-dc converter. , 2016, , .		1
261	Analysis and design of a current fed non-isolated buck-boost DC-DC converter. , 2016, , .		3
262	Reconfigurable circular disc monopole UWB antenna with switchable two notched stop bands. , 2016, , .		8
263	Dual band-notched circular disc monopole UWB antenna with switchable five notched stop bands. , 2016, , .		7
264	A quad-band reconfigurable microstrip-fed circular disc monopole antenna for multiradio wireless systems. , 2016, , .		5
265	Toll-like receptor signalling in regenerative myogenesis: friend and foe. Journal of Pathology, 2016, 239, 125-128.	2.1	24
266	Constrained Dipole Oscillator Strength Distributions for CF ₄ , CClF ₃ , CCl ₂ F ₂ , CCl ₃ F, CHF ₃ , CH ₃ F, CH ₃ Cl, CH ₃ Br, CH ₃ I, C ₂ F ₆ , and CCl ₃ CF ₃ . Zeitschrift Fur Physikalische Chemie, 2016, 230, 1473-1486.	1.4	2
267	Studies on effective atomic numbers and electron densities of nucleobases in DNA. Radiation Physics and Chemistry, 2016, 127, 48-55.	1.4	21
268	Dipole properties of PH ₃ , PF ₃ , PF ₅ , PCl ₃ , SiCl ₄ , GeCl ₄ , and SnCl ₄ . Molecular Physics, 2016, 114, 1657-1663.	0.8	4
269	Synthesis and Behavior of Cetyltrimethyl Ammonium Bromide Stabilized Zn _{1+x} SnO _{3+x} (0 ≤ x ≤ 1) Nano-Crystallites. PLoS ONE, 2016, 11, e0156246.	1.1	11
270	Isolation, Culture, and Staining of Single Myofibers. Bio-protocol, 2016, 6, .	0.2	18

#	ARTICLE	IF	CITATIONS
271	Morphology dependent catalytic activity of TiO ₂ nanostructures towards photodegradation of Rose Bengal. AIP Conference Proceedings, 2015, , .	0.3	1
272	Functional improvement after hip arthroscopy in cases of active paediatric hip joint tuberculosis: A retrospective comparative study vis-À-vis conservative management. Journal of Children's Orthopaedics, 2015, 9, 495-503.	0.4	8
273	Direct Repair without Augmentation of Patellar Tendon Avulsion following TKA. Case Reports in Orthopedics, 2015, 2015, 1-4.	0.1	4
274	TAK1 modulates satellite stem cell homeostasis and skeletal muscle repair. Nature Communications, 2015, 6, 10123.	5.8	56
275	Fe(ⁱⁱⁱ) induced structural, optical, and dielectric behavior of cetyltrimethyl ammonium bromide stabilized strontium stannate nanoparticles synthesized by a facile wet chemistry route. RSC Advances, 2015, 5, 17202-17209.	1.7	33
276	Elevated levels of TWEAK in skeletal muscle promote visceral obesity, insulin resistance, and metabolic dysfunction. FASEB Journal, 2015, 29, 988-1002.	0.2	21
277	Structural and magnetic studies of the nickel doped CoFe ₂ O ₄ ferrite nanoparticles synthesized by the chemical co-precipitation method. Journal of Magnetism and Magnetic Materials, 2015, 394, 379-384.	1.0	85
278	Compact printed ultra-wideband antenna with two notched stop bands for WiMAX and WLAN. International Journal of Applied Electromagnetics and Mechanics, 2015, 47, 523-531.	0.3	13
279	Evaluation of pain in bilateral total knee replacement with and without tourniquet; a prospective randomized control trial. Journal of Clinical Orthopaedics and Trauma, 2015, 6, 85-88.	0.6	42
280	Finite size effect on Sm ³⁺ doped Mn _{0.5} Zn _{0.5} Sm Fe ₂ O ₄ (0.5) ferrite nanoparticles. Ceramics International, 2015, 41, 8623-8629.	2.3	36
281	Effect of Gd ³⁺ ion distribution on structural and magnetic properties in nano-sized Mn-Zn ferrite particles. Ceramics International, 2015, 41, 1297-1302.	2.3	35
282	TRAF6 regulates satellite stem cell self-renewal and function during regenerative myogenesis. Journal of Clinical Investigation, 2015, 126, 151-168.	3.9	57
283	Publication trend in the indian journal of orthopaedics: What is published and why?. Indian Journal of Orthopaedics, 2015, 49, 661.	0.5	1
284	COMPACT PLANAR MONOPOLE UWB ANTENNA WITH QUADRUPLE BAND-NOTCHED CHARACTERISTICS. Progress in Electromagnetics Research C, 2014, 47, 29-36.	0.6	35
285	Bizarre parosteal osteochondromatous proliferation (Nora's lesion) of phalanx in a child. BMJ Case Reports, 2014, 2014, bcr2013201714-bcr2013201714.	0.2	9
286	Design of an extremely wideband quasi-self-complementary pentagonal antenna with WLAN stop band. , 2014, , .		0
287	DNA Methyltransferase 3a and Mitogen-activated Protein Kinase Signaling Regulate the Expression of Fibroblast Growth Factor-inducible 14 (Fn14) during Denervation-induced Skeletal Muscle Atrophy. Journal of Biological Chemistry, 2014, 289, 19985-19999.	1.6	30
288	A novel single stage, transformerless PV inverter. , 2014, , .		14

#	ARTICLE	IF	CITATIONS
289	A SEPIC derived single stage buck-boost inverter for photovoltaic applications. , 2014, , .		8
290	Distinct roles of TRAF6 at early and late stages of muscle pathology in the mdx model of Duchenne muscular dystrophy. Human Molecular Genetics, 2014, 23, 1492-1505.	1.4	28
291	TWEAK/Fn14 Signaling Axis Mediates Skeletal Muscle Atrophy and Metabolic Dysfunction. Frontiers in Immunology, 2014, 5, 18.	2.2	53
292	Regulatory circuitry of TWEAK-Fn14 system and PGC-1 α in skeletal muscle atrophy program. FASEB Journal, 2014, 28, 1398-1411.	0.2	59
293	Design and analysis of CPW-fed quasi-self-complementary pentagonal antenna for ultra-wideband systems. , 2014, , .		3
294	An extremely wideband printed antenna with WLAN stop band using SRR. , 2014, , .		2
295	The TWEAK-Fn14 dyad is involved in age-associated pathological changes in skeletal muscle. Biochemical and Biophysical Research Communications, 2014, 446, 1219-1224.	1.0	29
296	The TWEAK-Fn14 pathway: A potent regulator of skeletal muscle biology in health and disease. Cytokine and Growth Factor Reviews, 2014, 25, 215-225.	3.2	49
297	Therapeutic potential of matrix metalloproteinases in Duchenne muscular dystrophy. Frontiers in Cell and Developmental Biology, 2014, 2, 11.	1.8	47
298	TWEAK promotes exercise intolerance by decreasing skeletal muscle oxidative phosphorylation capacity. Skeletal Muscle, 2013, 3, 18.	1.9	30
299	Prevention of DoS Attacks in VANET. Wireless Personal Communications, 2013, 73, 95-126.	1.8	72
300	Wasting mechanisms in muscular dystrophy. International Journal of Biochemistry and Cell Biology, 2013, 45, 2266-2279.	1.2	115
301	Role of nonoperative treatment in managing degenerative tears of the medial meniscus posterior root. Journal of Orthopaedics and Traumatology, 2013, 14, 193-199.	1.0	62
302	Proinflammatory Cytokine Tumor Necrosis Factor (TNF)-like Weak Inducer of Apoptosis (TWEAK) Suppresses Satellite Cell Self-renewal through Inversely Modulating Notch and NF- κ B Signaling Pathways. Journal of Biological Chemistry, 2013, 288, 35159-35169.	1.6	36
303	Signaling Mechanisms in Mammalian Myoblast Fusion. Science Signaling, 2013, 6, re2.	1.6	174
304	Matrix Metalloproteinase-9 Inhibition Improves Proliferation and Engraftment of Myogenic Cells in Dystrophic Muscle of mdx Mice. PLoS ONE, 2013, 8, e72121.	1.1	65
305	TWEAK and TRAF6 regulate skeletal muscle atrophy. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 233-239.	1.3	85
306	Analysis of Angelov model for 0.25 μ m pHEMTs. Proceedings of SPIE, 2012, , .	0.8	0

#	ARTICLE	IF	CITATIONS
307	The E3 Ubiquitin Ligase TRAF6 Intercedes in Starvation-Induced Skeletal Muscle Atrophy through Multiple Mechanisms. <i>Molecular and Cellular Biology</i> , 2012, 32, 1248-1259.	1.1	126
308	Ultra-wideband truncated rectangular monopole antenna with band-notched characteristics. , 2012, , .		5
309	Reciprocal Interaction between TRAF6 and Notch Signaling Regulates Adult Myofiber Regeneration upon Injury. <i>Molecular and Cellular Biology</i> , 2012, 32, 4833-4845.	1.1	30
310	Design, fabrication and measurement of sub 1 dB noise figure LNA. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
311	TWEAK causes myotube atrophy through coordinated activation of ubiquitin-proteasome system, autophagy, and caspases. <i>Journal of Cellular Physiology</i> , 2012, 227, 1042-1051.	2.0	72
312	Gene Profiling Studies in Skeletal Muscle by Quantitative Real-Time Polymerase Chain Reaction Assay. <i>Methods in Molecular Biology</i> , 2012, 798, 311-324.	0.4	9
313	A compact ultra-wideband CPW-fed printed antenna with SRR for rejecting WLAN band. , 2011, , .		9
314	Dipole polarizability, sum rules, mean excitation energies, and long-range dispersion coefficients for buckminsterfullerene C60. <i>Chemical Physics Letters</i> , 2011, 516, 208-211.	1.2	18
315	Elevated levels of active matrix metalloproteinase-9 cause hypertrophy in skeletal muscle of normal and dystrophin-deficient mdx mice. <i>Human Molecular Genetics</i> , 2011, 20, 4345-4359.	1.4	63
316	TRAF6 coordinates the activation of autophagy and ubiquitin-proteasome systems in atrophying skeletal muscle. <i>Autophagy</i> , 2011, 7, 555-556.	4.3	70
317	Osteopontin-Stimulated Expression of Matrix Metalloproteinase-9 Causes Cardiomyopathy in the mdx Model of Duchenne Muscular Dystrophy. <i>Journal of Immunology</i> , 2011, 187, 2723-2731.	0.4	57
318	Compact elliptical microstrip patch antenna with slotted ground for Ku-band applications. , 2011, , .		11
319	Targeted ablation of TRAF6 inhibits skeletal muscle wasting in mice. <i>Journal of Experimental Medicine</i> , 2011, 208, i2-i2.	4.2	2
320	Therapeutic targeting of signaling pathways in muscular dystrophy. <i>Journal of Molecular Medicine</i> , 2010, 88, 155-166.	1.7	40
321	Do locking plates have a role in orthopaedic oncological reconstruction. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2010, 130, 1493-1497.	1.3	9
322	Tumor Necrosis Factor- α Regulates Distinct Molecular Pathways and Gene Networks in Cultured Skeletal Muscle Cells. <i>PLoS ONE</i> , 2010, 5, e13262.	1.1	76
323	Dlk1 Is Necessary for Proper Skeletal Muscle Development and Regeneration. <i>PLoS ONE</i> , 2010, 5, e15055.	1.1	108
324	The TWEAK-Fn14 system is a critical regulator of denervation-induced skeletal muscle atrophy in mice. <i>Journal of Cell Biology</i> , 2010, 188, 833-849.	2.3	205

#	ARTICLE	IF	CITATIONS
325	Transforming Growth Factor- β -activated Kinase 1 Is an Essential Regulator of Myogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2010, 285, 6401-6411.	1.6	38
326	Targeted ablation of TRAF6 inhibits skeletal muscle wasting in mice. <i>Journal of Cell Biology</i> , 2010, 191, 1395-1411.	2.3	192
327	Matrix Metalloproteinase Inhibitor Batimastat Alleviates Pathology and Improves Skeletal Muscle Function in Dystrophin-Deficient mdx Mice. <i>American Journal of Pathology</i> , 2010, 177, 248-260.	1.9	71
328	Genetic Ablation of TWEAK Augments Regeneration and Post-Injury Growth of Skeletal Muscle in Mice. <i>American Journal of Pathology</i> , 2010, 177, 1732-1742.	1.9	53
329	Genomic Profiling of Messenger RNAs and MicroRNAs Reveals Potential Mechanisms of TWEAK-Induced Skeletal Muscle Wasting in Mice. <i>PLoS ONE</i> , 2010, 5, e8760.	1.1	73
330	TNF-Like Weak Inducer of Apoptosis (TWEAK) Activates Proinflammatory Signaling Pathways and Gene Expression through the Activation of TGF- β -Activated Kinase 1. <i>Journal of Immunology</i> , 2009, 182, 2439-2448.	0.4	62
331	Tumor Necrosis Factor-related Weak Inducer of Apoptosis Augments Matrix Metalloproteinase 9 (MMP-9) Production in Skeletal Muscle through the Activation of Nuclear Factor- κ B-inducing Kinase and p38 Mitogen-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 2009, 284, 4439-4450.	1.6	105
332	Matrix metalloproteinase-9 inhibition ameliorates pathogenesis and improves skeletal muscle regeneration in muscular dystrophy. <i>Human Molecular Genetics</i> , 2009, 18, 2584-2598.	1.4	141
333	Functional and radiological outcome after delayed fixation of femoral neck fractures in pediatric patients. <i>Journal of Orthopaedics and Traumatology</i> , 2009, 10, 211-216.	1.0	39
334	Measurements of linear attenuation coefficients of irregular shaped samples by two media method. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 1116-1121.	0.6	8
335	Protein-DNA array-based identification of transcription factor activities differentially regulated in skeletal muscle of normal and dystrophin-deficient mdx mice. <i>Molecular and Cellular Biochemistry</i> , 2008, 312, 17-24.	1.4	29
336	Nuclear factor- κ B signaling in skeletal muscle atrophy. <i>Journal of Molecular Medicine</i> , 2008, 86, 1113-1126.	1.7	338
337	Effect of finite sample dimensions and total scatter acceptance angle on the gamma ray buildup factor. <i>Annals of Nuclear Energy</i> , 2008, 35, 2414-2416.	0.9	12
338	Barium-borate-flyash glasses: As radiation shielding materials. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 140-146.	0.6	185
339	ACCIDENTALLY FALLING INSTRUMENTS DURING ORTHOPAEDIC SURGERY: TIME TO WAKE UP!. <i>ANZ Journal of Surgery</i> , 2008, 78, 794-795.	0.3	13
340	Kimura disease of extremity: Unusual manifestation in a long bone. <i>Joint Bone Spine</i> , 2008, 75, 492-494.	0.8	11
341	Low grade central osteosarcoma - A diagnostic dilemma. <i>Joint Bone Spine</i> , 2008, 75, 613-615.	0.8	15
342	Two Media Method: An Alternative Methodology for the Measurement of Attenuation Coefficients of Irregularly Shaped Samples. <i>Nuclear Science and Engineering</i> , 2008, 159, 338-345.	0.5	0

#	ARTICLE	IF	CITATIONS
343	Regulation of Intracellular Signal Transduction Pathways by Mechanosensitive Ion Channels. , 2008, , 303-327.		4
344	Tumor Necrosis Factor- α Augments Matrix Metalloproteinase-9 Production in Skeletal Muscle Cells through the Activation of Transforming Growth Factor- β 2-activated Kinase 1 (TAK1)-dependent Signaling Pathway. Journal of Biological Chemistry, 2007, 282, 35113-35124.	1.6	53
345	Transgenic Overexpression of Pregnancy-Associated Plasma Protein-A Increases the Somatic Growth and Skeletal Muscle Mass in Mice. Endocrinology, 2007, 148, 6176-6185.	1.4	33
346	Assessing Drought Tolerance of Snap Bean (Phaseolus Vulgaris) From Genotypic Differences In Leaf Water Relations,Shoot Growth and Photosynthetic Parameters. Plant Production Science, 2007, 10, 28-35.	0.9	25
347	Influence Of Temperature Shift After Flowering on Dry Matter Partitioning In Two Cultivars of Snap Bean (Phaseolus Vulgaris)That Differ In Heat Tolerance. Plant Production Science, 2007, 10, 14-19.	0.9	9
348	TNF α -related weak inducer of apoptosis (TWEAK) is a potent skeletal muscle-wasting cytokine. FASEB Journal, 2007, 21, 1857-1869.	0.2	204
349	To the Editor. Journal of Orthopaedic Trauma, 2007, 21, 670.	0.7	1
350	An Improved Model for GaAs MESFETs Suitable for a Wide Bias Range. IEEE Microwave and Wireless Components Letters, 2007, 17, 52-54.	2.0	4
351	Fibroblast Growth Factor Inducible 14 (Fn14) Is Required for the Expression of Myogenic Regulatory Factors and Differentiation of Myoblasts into Myotubes. Journal of Biological Chemistry, 2007, 282, 15000-15010.	1.6	76
352	Studies on Effective Atomic Numbers and Electron Densities in Some Commonly Used Solvents. Nuclear Science and Engineering, 2007, 155, 102-108.	0.5	8
353	An unusual presentation of a rare chest wall tumour: Giant cell tumour of bone. Joint Bone Spine, 2007, 74, 100-102.	0.8	8
354	A rare actinomycosis of humerus: an unusual location and a diagnostic dilemma. A case report. Archives of Orthopaedic and Trauma Surgery, 2007, 128, 121-124.	1.3	3
355	Influence of Irrigation Level, Growth Stages and Cultivars on Leaf Gas Exchange Characteristics in Snap Bean (Phaseolus vulgaris) under Subtropical Environment. Japan Agricultural Research Quarterly, 2007, 41, 201-206.	0.1	3
356	Adaptation to Heat and Drought Stresses in Snap Bean (Phaseolus vulgaris) during the Reproductive Stage of Development. Japan Agricultural Research Quarterly, 2006, 40, 213-216.	0.1	7
357	Molar extinction coefficients of some commonly used solvents. Radiation Physics and Chemistry, 2006, 75, 737-740.	1.4	23
358	Regulation of phosphatidylinositol 3-kinase (PI3K)/Akt and nuclear factor-kappa B signaling pathways in dystrophin-deficient skeletal muscle in response to mechanical stretch. Journal of Cellular Physiology, 2006, 208, 575-585.	2.0	92
359	Influence of High Temperature on Morphological Characters, Biomass Allocation, and Yield Components in Snap Bean (Phaseolus vulgarisL.). Plant Production Science, 2006, 9, 200-205.	0.9	11
360	Tumor Necrosis Factor-like Weak Inducer of Apoptosis Inhibits Skeletal Myogenesis through Sustained Activation of Nuclear Factor- κ B and Degradation of MyoD Protein. Journal of Biological Chemistry, 2006, 281, 10327-10336.	1.6	139

#	ARTICLE	IF	CITATIONS
361	Variation of photon intensities in transmitted photon spectra of ^{60}Co as a function of dimensions of a soil medium. <i>Radiation Measurements</i> , 2005, 39, 451-454.	0.7	2
362	Inhibition of mechanosensitive cation channels inhibits myogenic differentiation by suppressing the expression of myogenic regulatory factors and caspase-3 activity. <i>FASEB Journal</i> , 2005, 19, 1986-1997.	0.2	31
363	Midday Drop of Leaf Water Content Related to Drought Tolerance in Snap Bean (<i>Phaseolus vulgaris</i> L.). <i>Plant Production Science</i> , 2005, 8, 465-467.	0.9	29
364	Pregnancy-associated Plasma Protein-A Regulates Myoblast Proliferation and Differentiation through an Insulin-like Growth Factor-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2005, 280, 37782-37789.	1.6	42
365	Reliable results for the Isotropic Dipole - Dipole and Triple - Dipole Dispersion Energy Coefficients for Interactions involving Formaldehyde, Acetaldehyde, Acetone, and Mono -, Di -, and Tri - Methylamine. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2004, 4, 307-320.	0.1	3
366	Loss of dystrophin causes aberrant mechanotransduction in skeletal muscle fibers. <i>FASEB Journal</i> , 2004, 18, 102-113.	0.2	141
367	Cyclic mechanical strain inhibits skeletal myogenesis through activation of focal adhesion kinase, Rac1 GTPase, and NF- κ B transcription factor. <i>FASEB Journal</i> , 2004, 18, 1524-1535.	0.2	105
368	Nuclear factor- τ B: its role in health and disease. <i>Journal of Molecular Medicine</i> , 2004, 82, 434-48.	1.7	834
369	Energy and chemical composition dependence of mass attenuation coefficients of building materials. <i>Annals of Nuclear Energy</i> , 2004, 31, 1199-1205.	0.9	75
370	RF parameter extraction of MMIC nichrome resistors. <i>Microwave and Optical Technology Letters</i> , 2003, 39, 409-412.	0.9	15
371	CCAAT/Enhancer-binding Protein and Activator Protein-1 Transcription Factors Regulate the Expression of Interleukin-8 through the Mitogen-activated Protein Kinase Pathways in Response to Mechanical Stretch of Human Airway Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 18868-18876.	1.6	74
372	Mechanical stretch activates nuclear factor- κ B, activator protein-1, and mitogen-activated protein kinases in lung parenchyma: implications in asthma. <i>FASEB Journal</i> , 2003, 17, 1800-1811.	0.2	89
373	Mechanical stress activates the nuclear factor- κ B pathway in skeletal muscle fibers: a possible role in Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2003, 17, 386-396.	0.2	244
374	Distinct Signaling Pathways Are Activated in Response to Mechanical Stress Applied Axially and Transversely to Skeletal Muscle Fibers. <i>Journal of Biological Chemistry</i> , 2002, 277, 46493-46503.	1.6	84
375	Human immunodeficiency virus-1-tat induces matrix metalloproteinase-9 in monocytes through protein tyrosine phosphatase-mediated activation of nuclear transcription factor NF- κ B. <i>FEBS Letters</i> , 1999, 462, 140-144.	1.3	53
376	Assay for redox-sensitive kinases. <i>Methods in Enzymology</i> , 1999, 300, 339-345.	0.4	19
377	Emodin (3-methyl-1,6,8-trihydroxyanthraquinone) inhibits TNF-induced NF- κ B activation, κ B degradation, and expression of cell surface adhesion proteins in human vascular endothelial cells. <i>Oncogene</i> , 1998, 17, 913-918.	2.6	160
378	Corrosion inhibition of nickel in 4% nitric acid by substituted thione compounds. <i>Materials Chemistry and Physics</i> , 1998, 56, 243-248.	2.0	9

#	ARTICLE	IF	CITATIONS
379	Excitatory effects of muscarine on septohippocampal neurons: involvement of M3 receptors. <i>Brain Research</i> , 1998, 805, 220-233.	1.1	30
380	Endotoxin-induced protein phosphorylation in macrophages is modulated by tumor cells. <i>International Journal of Immunopharmacology</i> , 1998, 20, 99-110.	1.1	3
381	Curcumin (Diferuloylmethane) Inhibition of Tumor Necrosis Factor (TNF)-Mediated Adhesion of Monocytes to Endothelial Cells by Suppression of Cell Surface Expression of Adhesion Molecules and of Nuclear Factor- κ B Activation. <i>Biochemical Pharmacology</i> , 1998, 55, 775-783.	2.0	234
382	Sanguinarine (Pseudocheleerythrine) Is a Potent Inhibitor of NF- κ B Activation, κ B Phosphorylation, and Degradation. <i>Journal of Biological Chemistry</i> , 1997, 272, 30129-30134.	1.6	257
383	Effect of prolactin on nitric oxide and interleukin-1 production of murine peritoneal macrophages: Role of Ca ²⁺ and protein kinase C. <i>International Journal of Immunopharmacology</i> , 1997, 19, 129-133.	1.1	31
384	On the anisotropy of the triple-dipole dispersion energy for interactions involving linear molecules. <i>Molecular Physics</i> , 1996, 87, 845-858.	0.8	18
385	Effect of Tumor Growth on the Blastogenic Response of Splenocytes: A Role of Macrophage-Derived Nitric Oxide. <i>Immunological Investigations</i> , 1996, 25, 413-423.	1.0	27
386	Gangliosides Produced by a T Cell Lymphoma Inhibit the Production of Reactive Nitrogen Intermediates by Murine Peritoneal Macrophages. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1996, 21, 171-182.	0.6	8
387	Effect of cisplatin administration on the proliferation and differentiation of bone marrow cells of tumour-bearing mice. <i>Immunology and Cell Biology</i> , 1995, 73, 220-225.	1.0	13
388	Effect of cisplatin and FK565 on the activation of tumor-associated and bone marrow-derived macrophages by Dalton's lymphoma. <i>International Journal of Immunopharmacology</i> , 1995, 17, 1-7.	1.1	21
389	Giant congenital nevus. <i>Indian Journal of Pediatrics</i> , 1995, 62, 373-374.	0.3	0
390	Effect of Dalton's lymphoma on the antigen presentation of murine peritoneal macrophages. <i>Cancer Letters</i> , 1995, 92, 151-157.	3.2	13
391	Valence shell absolute photoabsorption oscillator strengths, constrained dipole oscillator strength distributions, and dipole properties for CH ₃ NH ₂ , (CH ₃) ₂ NH, and (CH ₃) ₃ N. <i>Canadian Journal of Chemistry</i> , 1994, 72, 529-546.	0.6	21
392	The absorption coefficient spectrum of poly(methyl methacrylate) in the soft X-ray region. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1992, 30, 185-195.	2.4	7
393	A Synthetic Peptide, L-8-K, and Its Antibody Both Inhibit the Specific Binding of Vasoactive Intestinal Peptide to Hamster Pancreatic Cancer Cells. <i>Annals of the New York Academy of Sciences</i> , 1988, 527, 679-681.	1.8	13
394	Synthesis and biological activity of isodithiobiurets, dithiobiurets, and dithiazoles. <i>Pharmaceutical Research</i> , 1987, 04, 321-326.	1.7	14
395	Total cross sections for positron scattering from argon atoms at intermediate energies. <i>Physical Review A</i> , 1986, 33, 2795-2797.	1.0	4
396	Hindi-English "mixing" in scientific discourse. <i>World Englishes</i> , 1985, 4, 355-358.	0.7	1

#	ARTICLE	IF	CITATIONS
397	Differences in Osmoregulation in Brassica species. <i>Annals of Botany</i> , 1984, 54, 537-542.	1.4	49
398	Elastic scattering of electrons by argon atoms. <i>Pramana - Journal of Physics</i> , 1978, 10, 63-73.	0.9	12