Ashok Kumar

List of Publications by Year
in descending order

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398	13,158	23567	39675
papers	citations	58 h-index	94 g-index

404	404	404	12816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimal vitamin D level ameliorates neurological outcome and quality of life after traumatic brain injury: a clinical perspective. International Journal of Neuroscience, 2023, 133, 417-425.	1.6	2
2	Emergency Department Management of Mild Traumatic Brain Injury in New Delhiâ€“A Single Institute Cohort Management Data. Indian Journal of Neurosurgery, 2022, 11, 123-127.	0.2	2
3	Facile wet chemical synthesis and electrochemical performance of double perovskite- La2NiMnO6 for energy storage application. Materials Today: Proceedings, 2022, 48, 587-589.	1.8	4
4	Effects of Sm3+ ions on the structural, optical and thermoluminescence properties of MnKB glass system. Journal of Physics and Chemistry of Solids, 2022, 161, 110408.	4.0	4
5	Evaluating potential of tissueâ€engineered cryogels and chondrocyte derived exosomes in articular cartilage repair. Biotechnology and Bioengineering, 2022, 119, 605-625.	3.3	25
6	Understanding the control of inclusion of SrO to the Li2O -K2O-B2O3-SrO glasses on the physical, structural, and gamma ray shielding performance. Journal of the Australian Ceramic Society, 2022, 58, 205-216.	1.9	2
7	Fire incidents in Bed-head panels: Causes and recommendations for prevention. Journal of Family Medicine and Primary Care, 2022, 11, 360.	0.9	0
8	Robot-assisted and conventional urology surgical procedures: comparison of average length of stay, economic status, operative time and patientâ€™s expenditure in a tertiary care hospital of North India. Journal of Robotic Surgery, 2022, , 1.	1.8	1
9	Responsive polymerâ€assisted 3D cryogel supports Huh7.5 as in vitro hepatitis C virus model and ectopic human hepatic tissue in athymic mice. Biotechnology and Bioengineering, 2021, 118, 1286-1304.	3.3	2
10	Angst, panic and stigma concomitant to COVID-19 deceased. Asian Journal of Psychiatry, 2021, 55, 102527.	2.0	1
11	A broadband circularly polarized monopole antenna for millimeterâ€wave short range 5G wireless communication. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22518.	1.2	13
12	Recent Advances in Biomaterialâ€Based Highâ€Throughput Platforms. Biotechnology Journal, 2021, 16, 2000288.	3.5	5
13	Alternate pathway for standard SCR on Cu-zeolites with gas-phase ammonia. Reaction Chemistry and Engineering, 2021, 6, 1042-1052.	3.7	17
14	Rare-earth (Dy)-doped (GeS2)80(In2S3)20 thin film: influence of annealing temperature in argon environment on the linear and nonlinear optical parameters. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	9
15	Alkaline Earth Stannate Nanomaterials as an Electron Transport Layer in Dye-Sensitized Solar Cells. , 2021, , 1-22.		0
16	Tailoring Dy3+/Tb3+-doped lead telluride borate glasses for gamma-ray shielding applications. European Physical Journal Plus, 2021, 136, 1.	2.6	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. BMJ Open, 2021, 11, e043837.	1.9	7
18	rGO/PEDOT:PSS/NiMn₂O₄ Nanohybrid: An Inexpensive Anode Catalyst for Methanol and Ethylene Glycol Electro-Oxidation. Journal of the Electrochemical Society, 2021, 168, 034510.	2.9	4

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19	X- ray absorption parameters studies of P2O5- SnCl2-SnO bioactive glass system. Journal of X-Ray Science and Technology, 2021, 29, 373-382.	1.0	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.	3.6	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.	2.6	8
22	A comprehensive investigation on the role of PbO in the structural and radiation shielding attribute of P2O5â€“CaOâ€“Na2Oâ€“K2Oâ€“PbO glass system. Journal of Materials Science: Materials in Electronics, 2021, 32, 12371-12382.	2.2	14
23	Understanding the role of Bi2O3 in the P2O5â€“CaOâ€–Na2Oâ€–K2O glass system in terms of physical, structural and radiation shielding properties. Journal of Materials Science: Materials in Electronics, 2021, 32, 11649-11665.	2.2	16
24	Exosome-Functionalized Ceramic Bone Substitute Promotes Critical-Sized Bone Defect Repair in Rats. ACS Applied Bio Materials, 2021, 4, 3716-3726.	4.6	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.	1.9	7
26	In-depth survey of nuclear radiation attenuation efficacies for high density bismuth lead borate glass system. Results in Physics, 2021, 23, 104030.	4.1	27
27	Detailed Inspection of Î³-ray, Fast and Thermal Neutrons Shielding Competence of Calcium Oxide or Strontium Oxide Comprising Bismuth Borate Glasses. Materials, 2021, 14, 2265.	2.9	33
28	Tailoring bismuth borate glasses by incorporating PbO/GeO2 for protection against nuclear radiation. Scientific Reports, 2021, 11, 7784.	3.3	22
29	Thermoluminescence, structural and optical properties of Ce3+ doped borosilicate doped glasses. Journal of Materials Science: Materials in Electronics, 2021, 32, 18381-18396.	2.2	21
30	Probing of nuclear radiation attenuation and mechanical features for lithium bismuth borate glasses with improving Bi2O3 content for B2O3Â+ÂLi2O amounts. Results in Physics, 2021, 25, 104246.	4.1	30
31	Mechanical and Gamma-Ray Interaction Studies of PbOâ€“MoO3â€“Li2Oâ€–B2O3 Glass System for Shielding Applications in The Low Energy Region: A Theoretical Approach. Applied Sciences (Switzerland), 2021, 11, 5538.	2.5	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.	4.3	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.	1.2	2
34	Miniaturized High-Power Beam Steering Network Using Novel Nonplanar Waveguide Butler Matrix. IEEE Microwave and Wireless Components Letters, 2021, 31, 678-681.	3.2	4
35	Mechanical and Gamma Ray Absorption Behavior of PbO-WO3-Na2O-MgO-B2O3 Glasses in the Low Energy Range. Materials, 2021, 14, 3466.	2.9	16
36	Spinal cord regeneration: A brief overview of the present scenario and a sneak peek into the future. Biotechnology Journal, 2021, 16, e2100167.	3.5	7

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37	Physical, optical, structural and thermoluminescence behaviour of borosilicate glasses doped with trivalent neodymium ions. Optical Materials, 2021, 117, 111109.	3.6	20
38	Periosteum-Mimicking Tissue-Engineered Composite for Treating Periosteum Damage in Critical-Sized Bone Defects. Biomacromolecules, 2021, 22, 3237-3250.	5.4	23
39	Experimental and Theoretical Study of Radiation Shielding Features of CaO-K2O-Na2O-P2O5 Glass Systems. Materials, 2021, 14, 3772.	2.9	59
40	Prevalence of 25-Hydroxyvitamin D Deficiency and its severity correlation with Acute Traumatic brain Injury in Indian Patients: A Perspective Observation Study. Research Journal of Pharmacy and Technology, 2021, , 3874-3878.	0.8	3
41	Electronic and optical properties of boron-based hybrid monolayers. Nanotechnology, 2021, 32, 415203.	2.6	2
42	An RNAi-independent role of AP1-like stress response factor Pap1 in centromere and mating-type silencing in Schizosaccaromyces pombe. Journal of Biosciences, 2021, 46, 1.	1.1	2
43	Synthesis, structural investigation, mechanical calculations and photon shielding properties of CaOâ€“K2Oâ€“Na2Oâ€“P2O5 glass system. Optical Materials, 2021, 117, 111178.	3.6	9
44	Ferrite application as an electrochemical sensor: A review. Materials Characterization, 2021, 178, 111269.	4.4	54
45	Transplantation of engineered exosomes derived from bone marrow mesenchymal stromal cells ameliorate diabetic peripheral neuropathy under electrical stimulation. Bioactive Materials, 2021, 6, 2231-2249.	15.6	36
46	Optical and gamma-ray shielding effectiveness of a newly fabricated P2O5â€“CaOâ€“Na2Oâ€“K2Oâ€“PbO glass system. Progress in Nuclear Energy, 2021, 138, 103798.	2.9	20
47	Effect of Add-On Therapy of Dapagliflozin and Empagliflozin on Adipokines in Type 2 Diabetes Mellitus. Journal of Endocrinology and Metabolism, 2021, 11, 83-90.	0.4	1
48	Evaluation of optical, and radiation shielding features of New phosphate-based glass system. Optik, 2021, 242, 167220.	2.9	24
49	Experimental Investigation of Radiation Shielding Competence of Bi2O3-CaO-K2O-Na2O-P2O5 Glass Systems. Materials, 2021, 14, 5061.	2.9	33
50	Mechanical and photon shielding aspects of PbOâ€“BaOâ€“WO3â€“Na2Oâ€“B2O3 glass systems. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	10
51	Nanocrystallite assembled La2CoNiO6 nanorods fabricated by facile solvothermal route for electrochemical performance. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	1
52	Implementation of stacking based ARIMA model for prediction of Covid-19 cases in India. Journal of Biomedical Informatics, 2021, 121, 103887.	4.3	38
53	Gamma-ray shielding, physical, and structural characteristics of TeO2â€“CdOâ€“PbOâ€“B2O3 glasses. Optical Materials, 2021, 119, 111333.	3.6	14
54	Optical, mechanical properties of TeO2-CdO-PbO-B2O3 glass systems and radiation shielding investigation using EPICS2017 library. Optik, 2021, 242, 167342.	2.9	58

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55	Investigation of the optical, mechanical, and radiation shielding features for strontium-borotellurite glass system: Fabrication, characterization, and EPICS2017 computations. Optik, 2021, 243, 167468.	2.9	18
56	The physical, structural and the gamma ray shielding effectiveness of the novel Li2O-K2Oâ€“B2O3â€“TeO2 glasses. Results in Physics, 2021, 29, 104726.	4.1	18
57	A Prospective Study of Novel Therapeutic Targets Interleukin 6, Tumor Necrosis Factor Î±, and Interferon Î³ as Predictive Biomarkers for the Development of Posttraumatic Epilepsy. World Neurosurgery: X, 2021, 12, 100107.	1.1	6
58	Dielectric constant, polarizability, susceptibility and gamma ray shielding behavior of the Li2O-Li2MoO4-TiO2-P2O5 glasses. Optik, 2021, 245, 167639.	2.9	4
59	Experimental and theoretical analysis of radiation shielding properties of strontium-borate-tellurite glasses. Optical Materials, 2021, 121, 111589.	3.6	28
60	A novel CaOâ€“K2Oâ€“Na2Oâ€“P2O5 glass systems for radiation shielding applications. Radiation Physics and Chemistry, 2021, 188, 109645.	2.8	48
61	SrO-SiO2-B2O3-ZrO2 glass system: Effects of varying SrO and BaO compositions to physical and optical properties, and radiation shielding using EPDL2017 photoatomic library. Optik, 2021, 245, 167670.	2.9	14
62	Optical and gamma ray shielding properties BaO doped K2O-TiO2-P2O5 glasses. Optik, 2021, 247, 167893.	2.9	0
63	Effect of adding SrO, TeO2, PbO, and Bi2O3 heavy metal oxides on the optical and gamma ray shielding properties of Li2O-K2O-B2O3 glasses. Optik, 2021, 247, 167848.	2.9	3
64	Li2O-K2O-B2O3-PbO glass system: Optical and gamma-ray shielding investigations. Optik, 2021, 247, 167792.	2.9	39
65	B2O3-TeO2-K2O-Li2O glasses: Optical and gamma ray shielding characterization. Optik, 2021, 247, 167847.	2.9	0
66	LiKBPbX glasses: Physical, structural and gamma ray shielding competence. Optik, 2021, 247, 167835.	2.9	1
67	Intra-articular gold induced cytokine (GOLDICÂ®) injection therapy in patients with osteoarthritis of knee joint: a clinical study. International Orthopaedics, 2021, 45, 497-507.	1.9	14
68	Structural, dielectric and magnetic properties of double perovskite-La2CoNiO6 ceramics synthesised by wet chemical route. International Journal of Nanotechnology, 2021, 18, 622.	0.2	1
69	Current strategies in tailoring methods for engineered exosomes and future avenues in biomedical applications. Journal of Materials Chemistry B, 2021, 9, 6281-6309.	5.8	21
70	Gamma ray interaction studies of the PbCl2â€“SnCl2â€“P2O5 bioactive glass system for applications in nuclear medicine. Journal of the Australian Ceramic Society, 2021, 57, 635-642.	1.9	5
71	Impact of Renewable Energy Sources into Multi Area Multi-Source Load Frequency Control of Interrelated Power System. Mathematics, 2021, 9, 186.	2.2	21
72	Impact of replacement of B2O3 by TeO2 on the physical, optical and gamma ray shielding characteristics of Pb-free B2O3-TeO2-ZnO-Al2O3-Li2O-MgO glass system. Optik, 2021, 248, 168100.	2.9	1

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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.	7.3	9
74	Impact of Bi2O3 on optical properties and radiation attenuation characteristics of Bi2O3-Li2O-P2O5 glasses. Optik, 2021, 248, 168081.	2.9	8
75	Exploration of the B2O3-Bi2O3-MoO3 glass system based on its physical, optical, and gamma ray shielding capabilities. Optik, 2021, 248, 168177.	2.9	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	2.9	30
77	ACE2 Expression in the Pancreas and Association With COVID-19 Infection. Pancreas, 2021, 50, e1-e2.	1.1	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.	0.1	0
79	The IRE1/XBP1 signaling axis promotes skeletal muscle regeneration through a cell non-autonomous mechanism. ELife, 2021, 10, .	6.0	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.	4.1	26
81	Therapeutic plasma exchange in acute fatty liver of pregnancy: a case report and literature review. Pan African Medical Journal, 2021, 40, 220.	0.8	2
82	An Offset CPW-Fed Dual-Band Circularly Polarized Printed Antenna for Multiband Wireless Applications. Lecture Notes in Electrical Engineering, 2020, , 411-418.	0.4	7
83	Design and Studies of Bandstop Filters Using Modified CSRR DGS for WLAN Applications. Lecture Notes in Electrical Engineering, 2020, , 467-475.	0.4	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.	2.9	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.	1.9	42
86	Nanohydroxyapatite Based Ceramic Carrier Promotes Bone Formation in a Femoral Neck Canal Defect in Osteoporotic Rats. Biomacromolecules, 2020, 21, 328-337.	5.4	40
87	Surface modification of reduced graphene oxideâ€polyaniline nanotubes nanocomposites for improved supercapacitor electrodes. Polymer Composites, 2020, 41, 653-667.	4.6	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.	2.9	102
89	Response to a Fire Incident in the Operation Room: A Cautionary Tale. Disaster Medicine and Public Health Preparedness, 2020, 14, 284-288.	1.3	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.	3.3	8

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91	Effect of MnO on structural, optical and thermoluminescence properties of lithium borosilicate glasses. Journal of Luminescence, 2020, 219, 116872.	3.1	20
92	Probing the ionic transport dynamics in ionic liquid incorporated CuBTC-Metal-Organic Framework based PVdF-HFP nanocomposite membranes. Solid State Sciences, 2020, 100, 106115.	3.2	14
93	Role of surfactant in optimization of 3D ZnO floret as photoanode for dye sensitized solar cell. Applied Nanoscience (Switzerland), 2020, 10, 1035-1044.	3.1	2
94	Comparative study of gamma-ray shielding features and some properties of different heavy metal oxide-based tellurite-rich glass systems. Radiation Physics and Chemistry, 2020, 170, 108633.	2.8	17
95	Microstructure and electrochemical performance of La2ZnMnO6 nanoflakes synthesized by facile hydrothermal route. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	28
96	Wet chemical synthesis and electrochemical performance of novel double perovskite Y2CuMnO6 nanocrystallites. Materials Science in Semiconductor Processing, 2020, 107, 104826.	4.0	22
97	Adipose-Derived Stem Cells (ADSCs) Loaded Gelatin-Sericin-Laminin Cryogels for Tissue Regeneration in Diabetic Wounds. Biomacromolecules, 2020, 21, 294-304.	5.4	37
98	Theoretical and experimental validation gamma shielding properties of B2O3â€“ZnOâ€“MgOâ€“Bi2O3 glass system. Materials Chemistry and Physics, 2020, 242, 122504.	4.0	36
99	Wideband circularly polarized parasitic patches loaded coplanar waveguide-fed square slot antenna with grounded strips and slots for wireless communication systems. AEU - International Journal of Electronics and Communications, 2020, 114, 153011.	2.9	18
100	Local and Sustained Delivery of Rifampicin from a Bioactive Ceramic Carrier Treats Bone Infection in Rat Tibia. ACS Infectious Diseases, 2020, 6, 2938-2949.	3.8	26
101	Reckoning of nuclear radiation attenuation capabilities for binary GeO2-Tl2O, GeO2-Bi2O3, and ternary GeO2-Tl2Oâ€“Bi2O3 glasses utilizing pertinent theoretical and computational approaches. Optical Materials, 2020, 108, 110113.	3.6	10
102	Dextran based amphiphilic nano-hybrid hydrogel system incorporated with curcumin and cerium oxide nanoparticles for wound healing. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111263.	5.0	84
103	Redispersion of cryoaggregated gold nanoparticle by means of laser irradiation and effect on biological interactions. Nanotechnology, 2020, 31, 435601.	2.6	1
104	Letter to the editor in response to COVID-19 presenting as acute pancreatitis. Pancreatology, 2020, 20, 1021-1022.	1.1	7
105	Phase transformation in wet chemically synthesized Y2NiFeO6, and its magnetic and energy storage properties. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	6
106	SnO-reinforced silicate glasses and utilization in gamma-radiation-shielding applications. Emerging Materials Research, 2020, 9, 1000-1008.	0.7	67
107	Investigation of structural, morphological and electrochemical properties of mesoporous La2CuCoO6 rods fabricated by facile hydrothermal route. International Journal of Minerals, Metallurgy and Materials, 2020, 27, 987-995.	4.9	12
108	Facile solvothermal synthesis of nano-assembled mesoporous rods of cobalt free â€“ La2NiFeO6 for electrochemical behaviour. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114664.	3.5	11

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109	Binary B2O3â€“Bi2O3 glasses: scrutinization of directly and indirectly ionizing radiations shielding abilities. Journal of Materials Research and Technology, 2020, 9, 14549-14567.	5.8	63
110	Coronavirus disease 2019 and the pancreas. Pancreatology, 2020, 20, 1567-1575.	1.1	49
111	Agarâ€“Iodine Transdermal Patches for Infected Diabetic Wounds. ACS Applied Bio Materials, 2020, 3, 7515-7530.	4.6	14
112	Feasibility of telemedicine in maintaining follow-up of orthopaedic patients and their satisfaction: A preliminary study. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S704-S710.	1.5	46
113	Structural, Dielectric, and Energy Storage Properties of Citric Acid and Ethylene Glycol Assisted Hydrothermally Synthesized Y₂FeCoO₆. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000324.	1.8	6
114	A study of critical minima and spin polarization in the eÂ±â€“Ba elastic scattering. European Physical Journal D, 2020, 74, 1.	1.3	5
115	Data supporting exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. Data in Brief, 2020, 31, 105671.	1.0	16
116	Perioperative COVID-19 testing for orthopaedic patients: Current evidence. Journal of Clinical Orthopaedics and Trauma, 2020, 11, S296-S297.	1.5	5
117	Structural, optical and thermoluminescence properties of newly developed MnKB: Er3+ glass system. Journal of Non-Crystalline Solids, 2020, 543, 120113.	3.1	17
118	Optimization Methodologies and Testing on Standard Benchmark Functions of Load Frequency Control for Interconnected Multi Area Power System in Smart Grids. Mathematics, 2020, 8, 980.	2.2	14
119	Oxidised charcoal: an efficient support for NiFe layered double hydroxide to improve electrochemical oxygen evolution. Chemical Communications, 2020, 56, 8770-8773.	4.1	10
120	Mesoporous spheres of Dy2NiMnO6 synthesized via hydrothermal route for structural, morphological, and electrochemical investigation. Ionics, 2020, 26, 5143-5153.	2.4	12
121	Biofabrication of gold nanoparticles with bone remodeling potential: an in vitro and in vivo assessment. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	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. Clinical Drug Investigation, 2020, 40, 327-334.	2.2	28
123	Li2Oâ€“B2O3â€“Bi2O3 glasses: gamma-rays and neutrons attenuation study using ParShield/WinXCOM program and Geant4 and Penelope codes. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	14
124	The synthesis, structural, optical and electrical characterizations of double perovskite oxide Y2CuCoO5. AIP Conference Proceedings, 2020, , .	0.4	0
125	TAK1 preserves skeletal muscle mass and mitochondrial function through redox homeostasis. FASEB BioAdvances, 2020, 2, 538-553.	2.4	11
126	B2O3â€“Bi2O3â€“TeO2â€“BaO and TeO2â€“Bi2O3â€“BaO glass systems: a comparative assessment of gamma-ray and fast and thermal neutron attenuation aspects. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	69

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127	Structural, Optical, and Multiferroic Properties of Yttrium (Y3+)-Substituted BiFeO3 Nanostructures. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2017-2029.	1.8	9
128	Structural and multiferroic properties of BiFeO3/MgLa0.025Fe1.975O4 nanocomposite synthesized by solâ€“gel auto combustion route. Journal of Materials Science: Materials in Electronics, 2020, 31, 2777-2788.	2.2	8
129	Solvothermal synthesis dependent structural, morphological and electrochemical behaviour of mesoporous nanorods of Sm2NiMnO6. Ceramics International, 2020, 46, 11041-11048.	4.8	20
130	Asymmetric CPW-Fed Multistubs Loaded Compact Printed Multiband Antenna for Wireless Applications. Lecture Notes in Electrical Engineering, 2020, , 317-324.	0.4	0
131	Investigation of Substrate Integrated Waveguide (SIW) Filter Using Defected Ground Structure (DGS). Lecture Notes in Electrical Engineering, 2020, , 449-456.	0.4	0
132	Performance Analysis of Underwater 2D OCDMA System. Lecture Notes in Electrical Engineering, 2020, , 477-484.	0.4	6
133	Studies of Various Artificial Magnetic Conductor for 5G Applications. Lecture Notes in Electrical Engineering, 2020, , 523-530.	0.4	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.	0.4	0
135	TeO2â€“B2O3â€“ZnOâ€“La2O3 glasses: Î³-ray and neutron attenuation characteristics analysis by WinXCOM program, MCNP5, Geant4, and Penelope simulation codes. Ceramics International, 2020, 46, 16620-16635.	4.8	27
136	Energy storage properties of double perovskites Gd2NiMnO6 for electrochemical supercapacitor application. Solid State Sciences, 2020, 105, 106252.	3.2	34
137	Ethylene glycol/citric acid stabilized wet chemically synthesized Y2CoNiO6, and its structural, dielectric, magnetic and electrochemical behavior. Journal of Materials Science: Materials in Electronics, 2020, 31, 6977-6987.	2.2	16
138	The role of PbO/Bi2O3 insertion on the shielding characteristics of novel borate glasses. Ceramics International, 2020, 46, 23357-23368.	4.8	83
139	Enhanced bone mineralization using hydroxyapatite-based ceramic bone substitute incorporatingWithania somniferaextracts. Biomedical Materials (Bristol), 2020, 15, 055015.	3.3	15
140	Zn Doped Î±-Fe2O3: An Efficient Material for UV Driven Photocatalysis and Electrical Conductivity. Crystals, 2020, 10, 273.	2.2	86
141	Structural and paramagnetic resonance properties correlation in lanthanum ion doped nickel ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2020, 508, 166866.	2.3	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.	8.0	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.	1.1	9
144	Management of hunger strike: A medical, ethical and legal conundrum. Medico-Legal Journal, 2020, 88, 215-219.	0.5	0

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145	Loss of seed viability in onion (Allium cepa L.) in relation to degradation of lipids during storage. Journal of Applied and Natural Science, 2020, 12, 635-640.	0.4	2
146	Ripple-Free Input Current High Voltage Gain DCâ€“DC Converters With Coupled Inductors. IEEE Transactions on Power Electronics, 2019, 34, 3418-3428.	7.9	67
147	Size dependent morphology, magnetic and dielectric properties of BiFeO3 nanoparticles. MRS Advances, 2019, 4, 1659-1665.	0.9	7
148	Effect of novel ZnO/Zn2SnO4 photoanode on the performance of dye sensitized solar cell. Optik, 2019, 194, 163117.	2.9	21
149	Physiological Biomimetic Culture System for Pig and Human Heart Slices. Circulation Research, 2019, 125, 628-642.	4.5	60
150	MINIATURIZED MULTISTUBS LOADED RECTANGULAR MONOPOLE ANTENNA FOR MULTIBAND APPLICATIONS BASED ON THEORY OF CHARACTERISTICS MODES. Progress in Electromagnetics Research C, 2019, 92, 177-189.	0.9	7
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152	Dual wideband circular polarized CPW-fed strip and slots loaded compact square slot antenna for wireless and satellite applications. AEU - International Journal of Electronics and Communications, 2019, 108, 181-188.	2.9	32
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