

S. No.	Name	Title	Authors	Name of Journal	Vol	Page	Year	doi	I.F
1	Prof. Ikram	Structural, Optical and Dielectrical Properties of Sr Doped LaVO ₄	Khalid Sultan, Rubiya Samad, Feroz A Nazar, Shohaib Abbas, Saima Jahan, M. R. Rayher and M. Ikram	Adv.Mat. Lett.	12	6	2021	https://www.vbripress.com/aml/articles/details/1636	
2	Dr. Harkirat Singh	Electron-phonon mediated superconductivity in 1T-MoS ₂ and effect of pressure on its transition temperature	J. Kumar and H. Singh	Journal of Phys. And Chem of Solids	156	110185	2021	https://doi.org/10.1016/j.jpics.2021.110185	3.44
4	Prof. Ikram	Structural, morphological and cryogenic magnetic behaviour of double perovskite La _{1.9} Sr _{0.1} NiMnO _{6-δ} thin film	Shah Aarif Ul Islam, Khalid Sultan, Sheeraz Ahmad Bhat, Nazima Nazir & Mohd Ikram	SN Applied Sciences	2	728	2020	https://doi.org/10.1007/s42452-020-2542-5	
5	Dr. G. R. Khna	Crystallographic, structural and compositional parameters of Cu-ZnO nanocrystallites	G. R. Khan	Applied Physics A	126	311	2020	https://doi.org/10.1007/s00339-020-03480-y	1.81
6	Dr. G. R. Khna	Impact of ion irradiation, elemental doping and coating cycles on structural characteristic parameters of nanocrystalline VO ₂ thin films	G. R. Khan	Micro and Nano Letters	15	196-200	2020	https://10.1049/mnl.2019.0186	0.975
7	Dr. Seemin Rubab	Hematite (α-Fe ₂ O ₃) nanosheets with enhanced photo-electrochemical ability fabricated via single step anodization	J F Mir, S Rubab, M A Shah	Chemical Physics Letters	753	137584	2020	https://doi.org/10.1016/j.cplett.2020.137584	2.029
8	Dr. Seemin Rubab	DFT investigations on the electronic structure, magnetism, thermodynamic and elastic properties of newly predicted cobalt based antiperovskites: Co ₃ XN (X = Pd, Pt & Rh)	S A Khandey, I I Islam, K Kaur, A Laref, S Dhiman, Seemin Rubab, D C Gupta, R Khenata	Results in Physics	17	103112	2020	https://doi.org/10.1016/j.rinp.2020.103112	4.019
9	Dr. Seemin Rubab	Photo-electrochemical ability of iron oxide nanoflowers fabricated via electrochemical anodization	J F Mir, S Rubab, M A Shah	Chemical Physics Letters	741	137088	2020	https://doi.org/10.1016/j.cplett.2020.137088	2.029
10	Dr. Prince A Ganai	First-order corrected thermodynamic potentials characterizing BTZblack hole in massive gravity	Nadeem-ul-islam and Prince A. Ganai	International Journal of Modern Physics A	35	2050080	2020	https://doi.org/10.1142/S0217751X20500803	1.486
11	Dr. Prince A Ganai	Quantum gravity effects on thermodynamics of de Sitter black holes in massive gravity	Yawar H. Khan, P. A. Ganai	International Journal of Modern Physics A	35	2050090	2020	https://doi.org/10.1142/S0217751X20500906	1.486
12	Dr. Prince A Ganai	Nanoporous anodic alumina (NAA) prepared in different electrolytes with different pore sizes for humidity sensing	M. A. Mir, M. A. Shah & P. A. Ganai	Journal of Solid State Electrochemistry			2020	https://doi.org/10.1007/s10008-020-04683-2	2.646
13	Dr. Prince A Ganai	Lorentz symmetry breaking in supersymmetric quantum electrodynamics	Prince A. Ganai, Owais Ahmad, Javier Perez Tobia, Alexander Fennell and Vedaant Vyas	International Journal of Geometric Methods in Modern Physics	17	2050038	2020	https://doi.org/10.1142/S0219887820500383	1.287
14	Dr. M A Shah	Hematite (α-Fe ₂ O ₃) nanosheets with enhanced photo-electrochemical ability fabricated via single step anodization	J F Mir, S Rubab, M A Shah	Chemical Physics Letters	753	137584	2020	https://doi.org/10.1016/j.cplett.2020.137584	2.029
15	Dr. M A Shah	Unary doping effect of A ²⁺ (A = Zn, Co, Ni) on the structural, electrical and magnetic properties of substituted iron oxide nanostructures	Mubashir Qayoom, Ruqiya Bhat, K. Asokan, M. A. Shah & Ghulam Nabi Dar	Journal of Materials Science: Materials in Electronics	31	8268–8282	2020	https://doi.org/10.1007/s10854-020-03362-2	2.22
16	Dr. M A Shah	Photo electrochemical ability of dense and aligned ZnO nanowire arrays fabricated through electrochemical anodization	Ab Mateen Tantray, M.A. Shah	Chemical Physics Letters	747	137346	2020	https://doi.org/10.1016/j.cplett.2020.137346	2.029
17	Dr. M A Shah	Nanoporous anodic alumina (NAA) prepared in different electrolytes with different pore sizes for humidity sensing	M. A. Mir, M. A. Shah & P. A. Ganai	Journal of Solid State Electrochemistry			2020	https://doi.org/10.1007/s10008-020-04683-2	2.646
18	Dr. M A Shah	Photo-electrochemical ability of iron oxide nanoflowers fabricated via electrochemical anodization	J F Mir, S Rubab, M A Shah	Chemical Physics Letters	741	137088	2020	https://doi.org/10.1016/j.cplett.2020.137088	2.029
19	Dr. M A Shah	Enhancement in photoelectrochemical ability via re-engineering the band gap of multipodal titania nanotubes on functionalizing with copper oxide nano-cubes	M A Boda, M A Shah, M Khan, C Cirak	Applied Surface Science	499	143965	2020	https://doi.org/10.1016/j.apsusc.2019.143965	6.182
20	Dr. Vijay Kumar	Neem gum based pH responsive hydrogel matrix: A new pharmaceutical excipient for the sustained release of anticancer drug	P. Mankotia, S. Choudhary, K. Sharma, Vijay Kumar, J.K. Bhatia, A. Parmar, S. Sharma, V. Sharma	International Journal of Biological Macromolecules	142	742–755	2020	https://doi.org/10.1016/j.ijbiomac.2019.10.015	5.162
21	Dr. Vijay Kumar	A novel near white light emitting phosphor K ₂ Sr ₂ Si ₂ O ₇ :Dy ³⁺ : Synthesis, characterization and luminescence properties	S. Verma, D. Kumar, S. Dutta, V. Sharma, H.C. Swart, Vijay Kumar	Vacuum	172	109179	2020	https://doi.org/10.1016/j.vacuum.2020.109179	2.906

22	Dr. Vijay Kumar	Microwave-assisted synthesis of gum gellan-cl-poly(acrylic-co-methacrylic acid) hydrogel for cationic dyes removal	S. Choudhary, K. Sharma, Vijay Kumar, J.K. Bhatia, S. Sharma, V. Sharma	Polymer Bulletin				https://doi.org/10.1007/s00289-019-02998-3	2.014
23	Dr. Vijay Kumar	Microstructure and Mechanical Properties of Nano Y ₂ O ₃ and ZrO ₂ Dispersed Austenite Steel	A Kumar, M Kumar, Vijay Kumar, S S Sehgal	Materials Today: Proceedings	21	1793-1799	2020	https://doi.org/10.1016/j.matpr.2020.01.233	
24	Dr. Vijay Kumar	A Short Review on Rare Earth Doped NaYF ₄ Upconverted Nanomaterials for Solar Cell Applications	D Kumar, S K Sharma, S Verma, V Sharma, Vijay Kumar	Materials Today: Proceedings	21	1868-1874	2020	https://doi.org/10.1016/j.matpr.2020.01.243	
25	Dr. Vijay Kumar	Preparation and Characterizations Graft Copolymer of Poly(acrylamide-aniline)-Grafted Gum Ghatti	K Sharma, K Virk, Vijay Kumar, S K Sharma, V Sharma	Materials Today: Proceedings	21	1856-1861	2020	https://doi.org/10.1016/j.matpr.2020.01.241	
26	Dr. Vijay Kumar	Numerical Study on Performance of Flat Tube with Water Based Copper Oxide Nanofluids	P Sharma, Vijay Kumar, G Singh Sokhal, G Dasaraju, V K Bulasara	Materials Today: Proceedings	21	1800-1808	2020	https://doi.org/10.1016/j.matpr.2020.01.234	
29	Prof. Ikram	Effect of Rare Earth Ions (R = Pr, Eu and Ho) on the Structural and Electrical Properties of Orthoferrites	Khalid Sultan, Rubiya Samad, Shah Aarif Ul Islam, Mir Zubaidda Habib & M. Ikram	Journal of Electronic Materials	48	6003-6007	2019	https://doi.org/10.1007/s11664-019-07334-z	1.774
30	Prof. Ikram	Structural stability improvement, Williamson Hall analysis and band-gap tailoring through A-site Sr doping in rare earth based double perovskite La ₂ NiMnO ₆	Shah Aarif Ul Islam & Mohd Ikram	Rare Metals	38	805-813	2019	https://doi.org/10.1007/s12598-019-01207-4	2.161
31	Prof. Ikram	Dynamics of photo-induced charge carriers in anodized titania nanotube array	Muzaffar Ahmad Boda, Mohd Ikram and Seemin Rubab	Materials Research Express	6	104002	2019	https://doi.org/10.1088/2053-1591/ab3672	1.929
32	Prof. Ikram	Effect of strontium substitution on the structural, morphological and magnetic properties of La _{2-x} Sr _x NiMnO ₆ double perovskite thin films deposited on Si (100)	Shah Aarif Ul Islam and Mohd Ikram	Materials Research Express	6	96416	2019	https://doi.org/10.1088/2053-1591/ab2d99	1.929
33	Prof. Ikram	Dielectric and Raman spectroscopy study of structural phase transformation of Sr-doped La ₂ CoMnO ₆ double perovskite	Mushtaq Ahmad Magray & M. Ikram	Journal of Materials Science: Materials in Electronics	30	8655-8666	2019	https://doi.org/10.1007/s10854-019-01188-1	2.22
34	Prof. Ikram	Effect of oxygen concentration on the ferromagnetic transition of La _{1.9} Sr _{0.1} CoMnO ₆ thin films	Mushtaq Ahmad Magray & M. Ikram	Applied Physics A	125	267	2019	https://doi.org/10.1007/s00339-019-2567-z	1.81
35	Prof. Ikram	Synthesis and Luminescent characteristics of Eu ³⁺ doped LiZnPO ₄ phosphors for white LEDs	S A Bhat, S A Ul Islam, Mohd Faizan, M. Ikram	Optik	181	836-841	2019	https://doi.org/10.1016/j.jijleo.2018.12.160	2.187
36	Dr. G. R. Khan	Unified Formalism for Erbium-Doped Fiber Amplifiers and Lasers	G. R. Khan	Journal of Optical Communications			2019	https://doi.org/10.1515/joc-2019-0019	1.961
37	Dr. Seemin Rubab	Dynamics of photo-induced charge carriers in anodized titania nanotube array	Muzaffar Ahmad Boda, Mohd Ikram and Seemin Rubab	Materials Research Express	6 (10)	104002	2019	https://doi.org/10.1088/2053-1591/ab3672	1.929
38	Dr. Seemin Rubab	Growth optimization and magnetic behavior of cerium substituted Yttrium Iron Garnet (Ce _x Y _{3-x} Fe ₅ O ₁₂)	Majid Hussain, Fida Mohmed, Farooq A Dar, Seemin Rubab, Abid Ahmad and Yuan-Hua Lin	Materials Research Express	6	86452	2019	https://doi.org/10.1088/2053-1591/ab2448	1.929
39	Dr. Seemin Rubab	A comparison study of the structural, electronic and magnetic properties in zinc-blende Pt _x Cr _{1-x} P and Rh _x Cr _{1-x} P (x = 0.125, 0.25), and half-Heusler XCrP (X = Pt, Rh): First principles calculations	I Un Nabi Lone, M M S Sirajuddeen, Seemin Rubab	Materials Chemistry and Physics	230	151-161	2019	https://doi.org/10.1016/j.matchemphys.2019.03.061	3.408
40	Dr. Seemin Rubab	Magnetic and thermal properties of ferromagnetic insulator: Yttrium Iron Garnet	Fida Mohmed, Farooq Ahmad Dar, Seemin Rubab, Majid Hussain, Lin-Yuan Hua	Ceramics International	45	2418-2424	2019	https://doi.org/10.1016/j.ceramint.2018.10.161	3.83
41	Dr. Seemin Rubab	Electronic structure, optical and thermoelectric properties of CaMgSi _{1-x} Cx (x = 0, 0.5): an ab-initio study	Shakeel Ahmad Khandy, Wilayat Khan, Ishtihadah Islam, Amel Laref, Muhammad Tanveer, Dinesh C Gupta, Seemin Rubab and S Laref	Materials Research Express	6	36307	2019	https://doi.org/10.1088/2053-1591/aaf7d0	1.929
42	Dr. Prince A Ganai	Quantum corrections to AdS black hole in massive gravity	Nadeem-ul-islam and Prince A. Ganai	International Journal of Modern Physics A	35	1950225	2019	https://doi.org/10.1142/S0217751X19502257	1.486
43	Dr. Prince A Ganai	Effect of Etching on Nanoporous Anodic Alumina	M. A. Mir, M. A. Shah & P. A. Ganai	Iranian Journal of Science and Technology, Transactions A: Science	43	2651-2655	2019	https://doi.org/10.1007/s40995-019-00708-2	0.875
44	Dr. Prince A Ganai	Thermal fluctuations to the thermodynamics of a non-rotating BTZ black hole	Nadeem-ul-islam, Prince A Ganai, Sudhaker Upadhyay	Progress of Theoretical and Experimental Physics	2019	103B06 (13 pages)	2019	https://doi.org/10.1093/ptep/ptz113	2.091
45	Dr. Prince A Ganai	Lorentz-violating gaugeon formalism for rank-2 tensor theory	Sudhaker Upadhyay, Mushtaq B. Shah and Prince A. Ganai	Modern Physics Letters	34	1950245	2019	https://doi.org/10.1142/S0217732319502456	1.391

46	Dr. Prince A Ganai	Quantum corrections to thermodynamics of BTZ black hole	Nadeem-ul-islam and Prince A. Ganai	International Journal of Modern Physics A	34	1950063	2019	https://doi.org/10.1142/S0217751X19500635	1.486
47	Dr. Prince A Ganai	Lorentz violating gaugeon formalism of Yang-Mills theory	Mushtaq B. Shah, Prince A. Ganai and W. A. Dar	International Journal of Modern Physics A	34	1950026	2019	https://doi.org/10.1142/S0217751X1950026X	1.486
48	Dr. M A Shah	Facile Hydrothermal Synthesis of Cu and Al Oxide Nanoparticles for Photodegradation of Chlorpyrifos	HS Devi, AH Sofi, TD Singh, MA Shah	Journal of Nanoscience and Nanotechnology	19	7707-7713(7)	2019	https://doi.org/10.1166/jnn.2019.16844	1.134
49	Dr. M A Shah	Antibacterial activity of magnesium oxide nanostructures prepared by hydrothermal method	Shah Rukh, Ashaq Hussain Sofi, Mohammad Ashraf Shah, Shayista Yousuf	Asian Journal of Nanoscience and Materials	2	425-430	2019	https://doi.org/10.26655/AJNANOMAT.2019.4.6	
50	Dr. M A Shah	Effect of Etching on Nanoporous Anodic Alumina	M. A. Mir, M. A. Shah & P. A. Ganai	Iranian Journal of Science and Technology, Transactions A: Science	43	2651-2655	2019	https://doi.org/10.1007/s40995-019-00708-2	1.029
51	Dr. M A Shah	Engineered Synthetic Diamond Film as a Protective Layer for Tribological and Machining Applications: A Review	Kaleem Ahmad Najar, N. A. Sheikh, M. Mursaleen Butt, Shuhaib Mushtaq & M. A. Shah	Journal of Bio- and Tribo-Corrosion	5	59	2019	https://doi.org/10.1007/s40735-019-0252-6	
52	Dr. M A Shah	Microwave synthesis of nanoparticles and their antifungal activities	S. D. Henam, F. Ahmad, M. A. Shah, S. Parveen, A.H. Wani	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	213	337-341	2019	https://doi.org/10.1016/j.saa.2019.01.071	3.232
53	Dr. M A Shah	CVD Diamond	Sajad Hussain Din, M. A. Shah, N. A. Sheikh & M. Mursaleen Butt	Transactions of the Indian Institute of Metals	72	1--9	2019	https://doi.org/10.1007/s12666-018-1454-1	1.205
54	Dr. M A Shah	Green synthesis of iron oxide nanoparticles using Platanus orientalis leaf extract for antifungal activity	Henam Sylvia Devi, Muzaffar Ahmad Boda, Mohammad Ashraf Shah, Shazia Parveen and Abdul Hamid Wani	Green Processing and Synthesis	8	38-45	2019	https://doi.org/10.1515/gps-2017-0145	1.672
55	Dr. M A Shah	Structural and electrical properties of copper doped In ₂ O ₃ nanostructures prepared by citrate gel processes	A H Sofi and M A Shah	Materials Research Express	6	45039	2019	https://doi.org/10.1088/2053-1591/aac0b	1.929
56	Dr. Mohd Zubair Ansari	Visible light active CZTS sensitized CdS/TiO ₂ tandem photoanode for highly efficient photoelectrochemical hydrogen generation	Mohd Zubair Ansari, S. Singh, N Khare	Solar Energy	181	37-42	2019	https://doi.org/10.1016/j.solener.2019.01.067	4.608
57	Dr. Harkirat Singh	Robust pseudogap across the magnetic field driven superconductor to insulator-like transition in strongly disordered NbN films	Indranil Roy, Rini Ganguly, Harkirat Singh & Pratap Raychaudhuri	European Physical Journal B	92	49	2019	https://doi.org/10.1140/epjb/e2019-90488-0	1.347
60	Prof. Ikram	Ion-beam-induced ferromagnetism in Ca-doped LaMnO ₃ thin films grown on Si (100)	Khalid Sultan, Shah Aarif ul Islam, Zubida Habib, M. Ikram & K. Asokan	Radiation Effects and Defects in Solids	173	184-197	2018	https://doi.org/10.1080/10420150.2018.1424846	0.642
61	Dr. Seemin Rubab	DFT understandings of structural properties, mechanical stability and thermodynamic properties of BaFeO ₃ perovskite	Shakeel Ahmad Khandy, Ishtihadah Islam, Dinesh C Gupta, Rabah Khenata, A Laref and Seemin Rubab	Materials Research Express	5	105702	2018	https://doi.org/10.1088/2053-1591/aad9eb	1.929
62	Dr. Seemin Rubab	Electronic Structure, Optical and Transport Properties of Double Perovskite La ₂ NbMnO ₆ : A Theoretical Understanding from DFT Calculations	Khursheed Ahmad Parrey, Shakeel Ahmad Khandy, Ishtihadah Islam, Amel Laref, Dinesh C. Gupta, Asad Niazi, Anver Aziz, S. G. Ansari, R. Khenata & Seemin Rubab	Journal of Electronic Materials	47	3615-3621	2018	https://doi.org/10.1007/s11664-018-6361-z	1.774
63	Dr. Seemin Rubab	A case study of Fe ₂ TaZ (Z = Al, Ga, In) Heusler alloys: hunt for half-metallic behavior and thermoelectricity	Shakeel Ahmad Khandy, Ishtihadah Islam, Dinesh C. Gupta, Muzammil Ahmad Bhat, Shabir Ahmad, Tanveer Ahmad Dar, Seemin Rubab, Shobhna Dhiman and A. Laref	RSC Advances	8	40996-41002	2018	https://doi.org/10.1039/C8RA04433C	3.119
64	Dr. Prince A Ganai	A study of 3-form gauge theories in the Lorentz violating background	Mushtaq Bashir Shah and Prince Ahmad Ganai	International Journal of Geometric Methods in Modern Physics	15	1850106	2018	https://doi.org/10.1142/S0219887818501062	1.287
65	Dr. Prince A Ganai	Super-Yang-Mills theory on a Lorentz breaking background	Farman Ullah, Prince A Ganai, Cheralan P. Haritha and Barilang Mawlong	International Journal of Geometric Methods in Modern Physics	15	1850127	2018	https://doi.org/10.1142/S021988781850127X	1.287
66	Dr. Prince A Ganai	Non-Abelian Gauge Theory in the Lorentz Violating Background	Prince A. Ganai, Mushtaq B. Shah, Masood Syed & Owais Ahmad	International Journal of Theoretical Physics	57	1974-1982	2018	https://doi.org/10.1007/s10773-018-3722-6	1.347

67	Dr. Prince A Ganai	Spontaneous symmetry breaking in Lorentz violating background	Syed Masood, Mushtaq B. Shah and Prince A. Ganai	International Journal of Geometric Methods in Modern Physics	15	1850021	2018	https://doi.org/10.1142/S0219887818500214	1.287
68	Dr. Prince A Ganai	A Study of Gaugeon Formalism for QED in Lorentz Violating Background	Mushtaq B. Shah and Prince A. Ganai	Communications in Theoretical Physics	69	166	2018	https://doi.org/10.1088/0253-6102/69/2/166	1.322
69	Dr. Prince A Ganai	Quantum gauge freedom in the Lorentz violating background	Mushtaq B. Shah and Prince A. Ganai	International Journal of Geometric Methods in Modern Physics	15	1850009	2018	https://doi.org/10.1142/S0219887818500093	1.287
70	Dr. Prince A Ganai	Asiparticle and γ -band structures in Dy	S. Jehangir, G. H. Bhat, J. A. Sheikh, S. Frauendorf, S. N. T. Majola, P. A. Ganai, and J. F. Sharpey-Schafer	Phys. Rev. C	97	14310	2018	https://doi.org/10.1103/PhysRevC.97.014310	2.988
71	Dr. M A Shah	Enhancing the wear resistance of WC-Co cutting inserts using synthetic diamond coatings	Kaleem Ahmad Najar, N.A. Sheikh, Mohammad Mursaleen Butt, M.A. Shah	Industrial Lubrication and Tribology	70		2018	http://doi.org/10.1108/ILT-04-2017-0089	0.798
72	Dr. M A Shah	Structural, morphological and dielectric properties of Li-doped Al ₂ O ₃	Farooq Ahmad Dar & M. A. Shah	Applied Physics A	124	513	2018	https://doi.org/10.1007/s00339-018-1925-6	1.81
73	Dr. M A Shah	Enhancement in photo-electrochemical efficiency by reducing recombination rate in branched TiO ₂ nanotube array on functionalizing with ZnO micro crystals	Muzaffar Ahmad Boda and Mohammad Ashraf Shah	Materials Research Express	5	64001	2018	https://doi.org/10.1088/2053-1591/aac925	1.929
74	Dr. M A Shah	Effect on the properties of ITO thin films in Gamma environment	A. H. Sofi, M. A. Shah, K. Asokan	AIP Conference Proceedings	1942	80034	2018	https://doi.org/10.1063/1.5028868	
75	Dr. M A Shah	Enhanced photo-electrochemical potential of Fe ₂ O ₃ modified TiO ₂ nanotube array with multiple legs	Muzaffar Ahmad Boda & Mohammad Ashraf Shah	Journal of Materials Science: Materials in Electronics	29	4596–4601	2018	https://doi.org/10.1007/s10854-017-8410-4	2.22
76	Dr. M A Shah	Preparation, characterization and antifungal activity of iron oxide nanoparticles	S. Parveen, A.H. Wani, M.A. Shah, H.S. Devi, M.Y. Bhat, J.A. Koka	Microbial Pathogenesis	115	287-292	2018	https://doi.org/10.1016/j.micpath.2017.12.068	2.914
77	Dr. M A Shah	Structural, Optical and Electrical Properties of ITO Thin Films	AH Sofi, MA Shah, K Asokan	Journal of Electronic Materials	47	1344–1352	2018	https://doi.org/10.1007/s11664-017-5915-9	1.774
78	Dr. M A Shah	Low temperature fabrication of Al ₂ O ₃ nanostrips and their enhanced dielectric property	FA Dar, MA Shah	Materials Research Express	5	15048	2018	https://doi.org/10.1088/2053-1591/aaa607	1.929
79	Dr. M A Shah	Tribological Performance of Titanium Alloy Ti–6Al–4V via CVD–diamond Coatings	S. H. Din, M. A. Shah & N. A. Sheikh	Journal of Superhard Materials	40	26-39	2018	https://doi.org/10.3103/S1063457618010057	0.514
80	Dr. M A Shah	Fabrication of ZnFe ₂ O ₄ /TiO ₂ nanotube array composite to harness the augmented photocurrent density under visible light	Muzaffar Ahmad Boda & Mohammad Ashraf Shah	Applied Physics A	124	55	2018	https://doi.org/10.1007/s00339-017-1485-1	1.81
83	Prof. Ikram	Electronic excitation-induced structural, optical, and magnetic properties of Ni-doped HoFeO ₃ thin films	Zubida Habib, Mohd. Ikram, Khalid Sultan, Abida, Sajad A. Mir, Kowsar Majid & K. Asokan	Applied Physics A	123	442	2017	https://doi.org/10.1007/s00339-017-1041-z	1.81
84	Dr. G. R. Khan	Effect of quantum confinement on thermoelectric properties of vanadium dioxide nanofilms	G. R. Khan & Bilal Ahmad	Applied Physics A	123	795	2017	https://doi.org/10.1007/s00339-017-1363-x	1.81
85	Dr. G. R. Khan	Gold-Gilded Zinc Oxide Nanodiamonds: Plasmonic and Morphological Effects	G. R. Khan and R. A. Khan	International Journal of Nanoscience	16	1750004	2017	https://doi.org/10.1142/S0219581X17500041	
86	Dr. G. R. Khan	Room temperature tunability of Mo-doped VO ₂ nanofilms across semiconductor to metal phase transition	G. R. Khan, K. Asokan, Bilal Ahmad	Thin Solid Films	625	155-162	2017	https://doi.org/10.1016/j.tsf.2017.02.006	2.03
87	Dr. Seemin Rubab	Enhanced cycling properties and better rate capabilities of Al-doped LiMn ₂ O ₄ nanorods and nanospheres	Shabir Ahmad Akhoo, Seemin Rubab and Mohammad Ashraf Shah	Materials Research Express	4	105016	2017	https://doi.org/10.1088/2053-1591/aa8e58	1.929
88	Dr. Seemin Rubab	Enhanced Structural and Electrochemical Properties of LiMn ₂ O ₄ Nanocubes	Shabir Ahmad Akhoo, Ashfaq Hussain Sofi, Seemin Rubab & Mohammad Ashraf Shah	Journal of Electronic Materials	46	992–998	2017	https://doi.org/10.1007/s11664-016-4741-9	1.774
89	Dr. Prince A Ganai	Weyl–Simons theory in aether superspace	Prince A. Ganai, Mudasir Ahmad Mir, Ideed Rafiqi and Nadeem Ul Islam	Modern Physics Letters	39	1750214	2017	https://doi.org/10.1142/S0217732317502145	1.391
90	Dr. Prince A Ganai	Intrinsic properties of high-spin band structures in triaxial nuclei	S Jehangir, G H Bhat, J A Sheikh, P A Ganai	Nuclear Physics A	968	48-70	2017	https://doi.org/10.1016/j.nuclphysa.2017.08.001	1.695
91	Dr. Prince A Ganai	Non-local deformation of a supersymmetric field theory	Qin Zhao, Mir Faizal, Mushtaq B. Shah, Anha Bhat, Prince A. Ganai, Zaid Zaz, Syed Masood, Jamil Raza & Raja Muhammad Irfan	European Physical Journal C	77	612	2017	https://doi.org/10.1140/epjc/s10052-017-5142-9	4.389
92	Dr. Prince A Ganai	Gravitational effects in super-Yang–Mills theory	Mushtaq B. Shah, Mir Faizal, Prince A. Ganai, Zaid Zaz, Anha Bhat & Syed Masood	European Physical Journal C	77	309	2017	https://doi.org/10.1140/epjc/s10052-017-4861-2	4.389

93	Dr. Prince A Ganai	Lorentz violating p-form gauge theories in superspace	Sudhaker Upadhyay, Mushtaq B. Shah & Prince A. Ganai	European Physical Journal C	77	157	2017	https://doi.org/10.1140/epjc/s10052-017-4721-0	4.389
94	Dr. M A Shah	Augmented Photoelectrochemical Efficiency of ZnO/TiO ₂ Nanotube Heterostructures	Muzaffar Ahmad Boda & Mohammad Ashraf Shah	Journal of Electronic Materials	46	6698–6703	2017	https://doi.org/10.1007/s11664-017-5710-7	1.774
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