

Department of Physics, CIIT Lahore (2015)

ISI and IF Publications

S. No.	Title	Authors	Journal Name	Volume/Issue	Page/Article ID	Dep-Campus	IF/ISI	CIIT Authors
1	Structural and Photovoltaic Characteristics of Hierarchical ZnO Nanostructures Electrodes	Muhammad Saleem, L. Fang, Saleem F Shaukat, M. Ashfaq Ahmad, Rizwan Raza, Majid Niaz Akhtar, Ayesha Jamil, Samia Aslam, Ghazanfar Abbas	Applied Surface Science	334	145-150	PHY-LHR	2.538	7
2	Spectroscopic investigation and Judd-Ofelt analysis of silver nanoparticles embedded Er ³⁺ -doped tellurite glass	Raja J. Amjad, M.R. Doustic, M.R. Saharb	Current Applied Physics	15(1)	1-7	PHY-LHR	2.026	1
3	Photoluminescence study of Sm ³⁺ -Yb ³⁺ -co-doped tellurite glass embedding silver nanoparticles	M. R. Dousti, Raja J. Amjad, R. Hosseinian S, M. Salehi, M. R. Sahar	Journal of Luminescence	159	100-104	Phy-LHR	2.367	1
4	Schottky Junction Effect on High Performance Fuel Cells Based on Nanocomposite Materials	Bin Zhu, Peter Lund, Rizwan Raza, et al.	Advanced Energy Materials	5(8)	1401895	Phy-LHR	14.385	1
5	Study of J/psi-→eta phi pi+pi- at BESIII	S. Nisar with BESS Collaboration	Phys.Rev. D	91	5, 052017	Phy-LHR	4.864	1
6	Precision measurement of the D*0 decay branching fractions	S. Nisar et al (BES-III collaboration)	Phys.Rev. D	91 (3)	31101	Phy-LHR	4.69	1
7	Search for the Y(4140) via e+e-→γφJ/ψ at sv=4.23 , 4.26 and 4.36 GeV	S. Nisar et al (BES-III collaboration)	Phys.Rev. D	91 (3)	32002	Phy-LHR	4.69	1
8	Study of e+e-→ωχcJ at center-of-mass energies from 4.21 to 4.42 GeV	S. Nisar with BESS Collaboration	Phys.Rev.Lett.	114	9, 092003	Phy-LHR	7.728	1
9	Dust-lower-hybrid instability with fluctuating charge in quantum plasmas	M. Jamil, M. Ali, A. Rasheed, K. Zubia, and M. Salimullah	Physics of Plasmas	22	32107	Phy-LHR	3.28	1
10	Drift wave stabilized by an additional streaming ion or plasma population	M. F. Bashir, J. Vranjes	Physical Review E	91	33113	Phy-LHR	2.326	1
11	High performance solid state flexible supercapacitor based on molybdenum sulfide hierarchical nanospheres	Muhammad Sufyan Javed, Shuge Dai, Mingjun Wang, Donglin Guo, Lin Chen, Xue Wang, Chenguo Hu, Yi Xi	Journal of Power Sources	285	63-69	Phy-LHR	5.211	1
12	Enhanced near infrared emission of Er ³⁺ -doped tellurite glass containing silver nanoparticles	M. REZA DOUSTI, M. AMJAD, A. HUSSAIN, R. J. AMJAD, S. F. SHAUKAT	Chalcogenide Letters	12(3)	123-128	Phy-LHR	1.18	2

13	Conductive and Electroactive Composite Paper Reinforced by Coating of Polyaniline on Lignocelluloses Fiber	Aamir Razaq, Muhammad Asif, Riffat Kalsoom, Ather Farooq Khan, Muhammad Saif Awan, Ishrat Sultana, Shahid Mahmood Ramay	Journal of Applied Polymer Science	132(29)	9210	Phy-LHR	1.7	5
14	Dielectric Studies of Composite Paper Reinforced with Polypyrrole Coated Pulp Fibers from Wasted Egg Holders	Aamir Razaq, Muhammad Idrees, Adeel Malik, Nafeesa Mushtaq, Muhammad Nadeem, Irshad Hussain, Muhammad Yar	Journal of Applied Polymer Science	132(33)	10185	Phy-LHR	1.7	5
15	Measurement of $B(\psi(3770) \rightarrow \gamma \chi_{c1})$ and search for $\psi(3770) \rightarrow \gamma \chi_{c2}$.	S. Nisar (BESS Collaboration)	Phys.Rev. D (2015).	91	9, 092009	Phy-LHR	4.86	1
16	Observation of the Dalitz Decay $\eta' \rightarrow \gamma e^+e^-$.	S. Nisar (BESS Collaboration)	Phys.Rev. D (2015)	92	1, 012001	Phy-LHR	4.86	1
17	Observation of the electromagnetic doubly OZI-suppressed decay $J/\psi \rightarrow \phi \pi^0$.	S. Nisar (BESS Collaboration)	Phys.Rev. D (2015)	91	11, 112001	Phy-LHR	4.86	1
18	Measurement of the proton form factor by studying $e^+e^- \rightarrow$	S. Nisar (BESS Collaboration)	Phys.Rev. D (2015)	91	11, 112004	Phy-LHR	4.86	1
19	Measurements of $\psi(3686) \rightarrow K^{\pm} \Lambda \bar{\Lambda} \bar{\chi}_i^{\pm} + c.c.$ and $\psi(3686) \rightarrow \gamma K^{\pm} \Lambda \bar{\Lambda} \bar{\chi}_i^{\pm} + c.c.$.	S. Nisar (BESS Collaboration)	Phys.Rev. D (2015).	91	9, 092006	Phy-LHR	4.86	1
20	Photodetachment of near a hard wall with arbitrary laser polarization direction	Azmat Iqbal, A. Afaq	Chinese Physics B	24/8	083201-05	Phy-LHR	1.603/1 SI	1
21	Spectroscopic properties of Tb ³⁺ -doped lead zinc phosphate glass for green solid state laser	M. Reza Dousti Raja J. Amjad	Journal of Non-Crystalline Solids	420	21–25	Phy-LHR	1.7	1
22	Choice of pulse sequence and parameters for improved signal to noise ratio in T1-weighted study of MRI	Naima Amin, Muhammad Afzal, Muhammad Yousaf, Muhammad Arshad Javid	Journal of Pakistan Medical Association	65	512-518	Physics/Ma	0.403	2
23	Quantum Electron-Exchange Effects on the Buneman Instability in Quantum Plasmas	Woo-Pyo Hong, M. Jamil, A. Rasheed and Young-Dae Jung	De Gruyter	70 (6)	413-418	Phy-LHR	IF 0.9	1
24	Morphological and spectroscopic characterization of laser- ablated tungsten at various laser irradiances	Mahreen Akram, Shazia Bashir, Muhammad Shahid Rafique, Asma Hayat, Khaliq Mahmood, Asadullah Dawood, M. F. Bashir	Applied Physics A	119 (3)	859-870	Phy-LHR	1.694	1

25	Effect of anisotropic dust pressure and superthermal electrons on propagation and stability of dust acoustic solitary waves	M. F. Bashir, E. E. Behery, W. F. El-taibany	Physics of Plasmas	22(6)	062112	Phy-LHR	2.25	1
26	Kinetic instability of drift magnetosonic wave in anisotropic low beta plasmas	H. Naim, M. F. Bashir, J. Vranjes and G. Murtaza	Physics of Plasmas	22	062117	Phy-LHR	2.25	1
27	Enhanced green emission of terbium-ions-doped phosphate glass embedding metallic nanoparticles	Mohammad Reza Dousti ; Raja Junaid Amjad, J. Nanophoton.	Nanophotonics	9(1)	093068	Phy-LHR	1.44	1
28	Morphology-Controlled Synthesis of Single Crystalline α -Mn ₂ O ₃ Sea-Urchins Assembled with Pen-Type Nanoneedles and Broad Absorption Spectrum	Q. U. A. Javed, H. Abbas, H. Mahmood, A. Sattar, F. P. Wang, M. A. Kamran, M. Yasir. Rafique, A. M. Toufiq	JOURNAL OF NANO RESEARCH	33	38-48	Phy-LHR	0.52	3
29	A Miniature Graphene-based Biosensor for Intracellular Glucose Measurements	Kamran ul Hasan, Muhammad H. Asif, Muhammad Umair Hassan , Mats O. Sandberge , O. Nura , M. Willander , Siri Fagerholmf , Peter Strålfors	Electrochimica Acta	174	574-580	Phy-Lhr-Isbd	4.5	2
30	Investigations of Structural and Magnetic Properties of Nanostructured Ni _{0.5+x} Zn _{0.5-x} Fe ₂ O ₄ Magnetic Feeders for CSEM Application	M. N. Akhtar, N. Yahya, A. Sattar, M. Ahmad, M. Idrees, M. H. Asif, M. A. Khan	International journal of Applied ceramic technology	12(3)	625-637	Phy-LHR	1.215	4
31	Uniform 3D hydrothermally deposited zinc oxide nanorods with high haze ratio	Shahzada Qamar Hussain , Changzeng Yen Shahbaz Khan , Gi Duk Kwon , Sunbo Kim , Shihyun Ahn , Anh Huy Tuan Le , Hyeongsik Park, S. Velumani b,d , Junsin Yi	Material Science in Semiconductor Processing	37	99-104	Phy-LHR	1.9	1
32	SF ₆ /Ar plasma textured periodic glass surface morphologies with high transmittance and haze ratio of ITO:Zr films for amorphous silicon thin film solar cells	Shahzada Qamar Hussain Gi Duk Kwon, Shihyun Ahn, Sunbo Kim, Hyeongsik Park, Anh Huy Tuan Le , Chonghoon Shin	Vacuum	117	91-97	Phy-LHR	1.4	1
33	Search for $D^0 \rightarrow \gamma \gamma$ and improved measurement of the branching fraction for $D^0 \rightarrow \pi^0 \pi^0$.	S. Nisar (BESS Collaboration)	Phys.Rev. D	91/11	112015	Phy-LHR	4.86	1
34	Morphology, structural and electrical transport properties of graphite based multilayer thin films	A. Usman , M. S. Rafique , S. F. Shaukat, S. Anjum , H. Latif, A. Sattar	Digest Journal of Nanomaterials and Biostructures	10	915 – 925	Phy-Lhr	0.94	2

35	The organic residue and synthesis of LaFeO ₃ by combustion of citrate and nitrate precursors	M. Idrees, M. Nadeem, Saadat Anwar Siddiqi, Riaz Ahmad, A. Hussain, MazharMehmood	Materials Chemistry and Physics	162	652-658	Phy-Lhr	2.259	2
36	Observation of $\eta' \rightarrow \omega e + e -$	Shabana Nisar with BesIII collaboration	Phys.Rev. D	92 (2015)	5, 051101	Phy-Lhr	4.64	1
37	Search for $Z c (3900) \pm \rightarrow \omega \pi \pm$	Shabana Nisar with BesIII collaboration	Phys.Rev. D	92 (2015)	3, 032009	Phy-Lhr	4.64	1
38	Study on the effects of isotropic cross-linked pristine morphology and electro-optical properties of PDLC films	Mujtaba Ellahi, M.Yasir Rafique, Yanzi Gao, M Furqan Ali, Huia Cao, Huai Yang	Polymer Bulletin	72/11	2917-2930	Phy-Lhr	1.5	1
39	Karpman-Washimi magnetization with electron-exchange effects in quantum plasmas	Woo-Pyo Hong, M. Jamil, A. Rasheed, and Young-Dae Jung	Physics of Plasmas	22(7)	073302 (2015);	Phy-Lhr	2.38	1
40	Jeans instability with exchange effects in quantum dusty magnetoplasmas	M. Jamil, A. Rasheed, Ch. Rozina, Y.-D. Jung, and M. Salimullah	Physics of Plasmas	22(8)	082113 (2015);	Phy-Lhr	2.38	1
41	Wake potential with exchange-correlation effects in semiconductor quantum plasmas	Arroj A. Khan, M. Jamil, and A. Hussain	Physics of Plasmas	22(9)	092103 (2015)	Phy-Lhr	2.38	2
42	Temperature dependent structural and magnetic behavior of Y-type hexagonal ferrites synthesized by sole gel autocombustion	Mukhtar Ahmad , *, Muhammad Ahmad , Ihsan Ali , Waheed Ahmad, Ghulam Mustafa , Majid Niaz Akhtar , Akbar Ali , Ghazanfar Abbas, Mazhar ud-Din Rana	Journal of Alloys and Compounds	651	749-755	Phy-Lhr	2.999	4
43	Influence of silver nanoparticles on the luminescence dynamics of Dy ³⁺ doped amorphous matrix	Raja J. Amjada M.R. Doustib, Azmat Iqbal, Syed Zajif Hussaind, M.R. Sahar, S.F. Shaukat	Measurement	74	87-91	Phy-Lhr	1.484	3
44	Structural and magnetic behavior evaluation of Mg-Tb ferrite/ polypyrrole nanocomposites	M.Azhar Khan, S. Riaz, I. Ali, Majid Niaz Akhtar, G. Murtaza, M. Ahmad, I. Shakir, M. Farooq Warsi	Ceramics International	41	651-656 2015.	Phy-Lhr	2.04	1
45	Impacts of Tb substitution at cobalt site on structural, morphological and magnetic properties of cobalt ferrites	Muhammad Azhar Khan, M. J. U. Rehman, K. Mahmood, I. Ali, Majid Niaz Akhtar, Ghulam Murtaza, Imran Shakir, Muhammad Farooq	Ceramics International	41	2286-2293. 2015,	Phy-Lhr	2.04	1
46	Investigation of the magnetic properties of nanometric SrSmCoNi ferrite/PST matrix	Irshad Ali, M.U. Islam, Muhammad Naeem Ashiq, Imran Shakir, Nazia Karamat, M. Ishaque, Majid Niaz Akhtar, Hasan M. Khan, Muhammad Irfan, Muhammad Azhar Khan	Ceramics International	41(7)	8748-8754, 2015	Phy-Lhr	2.04	1
47	Effects of Binder System and Processing Parameters on Formability of Porous Ti/Ha Composite Through Powder Injection Molding –I	Muhammad Rafi Raza, Abu Bakar Sulong, Norhamidi Muhamad, Majid Niaz Akhtar, Javad Rajbi,	Materials & Design	87	386-392, 2015	Phy-Lhr	3.5	1

48	Environmentally Friendly and Flexible Lignocelluloses Fibrils Sheet for Substrate of Patch Antenna	Aamir Razaq*, Asim Ali Khan, M. H. Asif, Shahid Iqbal, Jawad Ali, Faisal Manzoor, M. S. Awan,	Modern Physics Letter B	8	1550187	PHY-LHR	1	6
49	Significance enhancement in the conductivity of core shell nanocomposite electrolytes	A. Rafique, Rizwan Raza*, N. Akram, M. K.Ullah, A.Ali, A. Khan, B.Zhu and R. Dawson	RSC Advances,	5(105)-Oct	86322-86329	Physics-LHR	3.84	5
50	Composite electrolyte with proton conductivity for low-temperature solid oxide fuel cell	Rizwan Raza · Akhlaq Ahmad · Nadeem Akram · Muhammad Saleem · Majid NiazAkhtar · T. A. Sherazi · M. Ajmal Khan · Ghazanfar Abbas · I. Shakir · M. Mohsin · Farah Alvi · M.Sufyan Javed · M. Yasir Rafique · B. Zhu	APPLIED PHYSICS LETTERS	107(18)	183903	Phy-Lhr	3.3	10
51	Electrochemical Properties of Barium Cerate Doped with Zinc for Methanol Oxidation	N. K. Janjua, M.Jabeen, M.Islam, A. Yaqub, Rizwan Raza and G. Abbas	J.Chem.Soc.Pak.,	37(5)	850-857	Phy-Lhr	1.4	2
52	Synthesis of Ba 0.3 Ca 0.7 Co 0.8 Fe 0.2 O 3-δ composite material as novel catalytic cathode for ceria-carbonate electrolyte fuel cells.	Afzal, M., Rizwan Raza, R., Du, S., Lima, R. B., & Zhu, B.	Electrochimica Acta.	Volume 178, 1 October 2015,	385–391.	Phy-Lhr	4.5	1
53	Electronic structure calculations of oxygen-doped diamond using DFT technique	M. Ullah, Rizwan Raza, et al., "	Microelectronic Engineering	Volume 146, 1 October	26–31	Physics-LHR	1.2	1
54	UREA biosensor based on magnetic nano particles (Co3O4, Fe3O4) for the estimation of urea concentration in blood and urine samples	A. ALI, M. AHMAD, G. ABBAS, M. N. AKHTAR , M. ATIF	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	17	1515 - 1521	Phy-Lhr	0.54	4
55	Properties and Applications of Polyvinyl Alcohol, Halloysite Nanotubes and Their Nanocomposites,	Tayser Sumer Gaaz, Abu Bakar Sulong, Majid Niaz Akhtar, Abdul Amir H. Kadhum, Abu BakarMohamad, Ahmed A. Al-Amiery,	Molecules	20	22833-22847, 2015.	Phy-Lhr	2.41	1
56	Study of morphology formation of near threshold percolating metallic nanoparticle thin films showing non-	A Sattar, Rj Amjad, H Mahmood, Majid Niaz Akhtar, H Latif, M Khalid,	Journal of Ovonic Research	11 (3),	113-121, 2015	Phy-Lhr	0.59	1
57	Evaluation of Thermal, Morphological and Mechanical Properties of PMMA/NaCl/DMF Electrospun Nanofibers: An investigation through Surface Methodology Approach,	Majid Niaz Akhtar, Abu Bakar Sulong, Saniah Ab. Karim, Che Husna Azhari, M. R. Raza	Iranian Polymer Journal	24	1025-1038 2015.	Phy-Lhr	1.8	1
58	Choice of the Pulse Sequence and Parameters for Improved SNR in T1-Weighted Study of MRI.	Naima Amin, Muhammad Afzal, Muhammad Yousaf, Muhammad Arshad Javed	Journal of Pakistan Medical Association	65	512-518	Physics-LHR	0.49	2

59	Light scattering effect of ITO:Zr/AZO films deposited on periodic textured glass surface morphologies for silicon thin film solar cells	Shahzada Qamar Hussain, GiDuk Kwon, ShihyunAhn, Sunbo Kim, Nagarajan Balaji, Anh Huy Tuan Le, Hyeongsik Park, Chonghoon Shin, AamirRazaq, Sangho Kim, Shahbaz Khan, Jayapal Raja, S. Velumani, Youn-Jung Lee, Didier Pribat, Junsin Yi	Applied Physics A	120	823-828	Physics/LHR	1.704/1432--0630	2
60	Study of metal assisted anisotropic chemical etching of silicon for high aspect ratio in crystalline silicon solar cells	YoungseokLee, Heeseok Kim, Shahzada Qamar Hussain, SangmyungHan, NagarajanBalaji, Youn-JungLee, JeahyungLee, JunsinYi	Materials Science in Semiconductor Processing	40	391-396	Physics/LHR	1.955	1
61	Study of decay dynamics and CP asymmetry in $D^+ \rightarrow K^+ L^0 e^+ \nu_e$ decay	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, S Nisar et al.	Physical Review D	92 (11),	112008	Physics/LHR	IF	1
62	Measurement of the Absolute Branching Fraction for $\Lambda^+ c \rightarrow \Lambda^+ e^+ \nu_e$	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, S Nisar..	Physical review letters	115 (22),	221805	Physics/LHR	IF	1
63	Measurement of the $e^+ e^- \rightarrow \pi^+ \pi^-$ cross section between 600 and 900 MeV using initial state radiation	S. Nisar BESIII Collaboration	Physics Letters B	doi:10.1016/j.physletb.2015.11.		Physics/LHR	IF	1
64	Observation of a Neutral Structure near the $D^+ D^{*-}$ Mass Threshold in $e^+ e^- \rightarrow (D^+ D^{*-})^0 \pi^0$ at $s = 4.226$ and 4.257 GeV	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, ... S nisar et al	Physical review letters	115 (22),	222002	Physics/LHR	IF	1
65	Confirmation of a charged charmoniumlike state $Z_c(3885)^{\mp}$ in $e^+ e^- \rightarrow \pi^{\pm} (D^+ D^{*-})^{\mp}$ with double D tag	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, S Nisar..	Physical Review D	92 (9),	92006	Physics/LHR	IF	1
66	Observation of a Neutral Charmoniumlike State $Z_c(4025)^0$ in $e^+ e^- \rightarrow (D^+ D^{*-})^0 \pi^0$	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, ... S Nisar	Physical review letters	115 (18),	182002	Physics/LHR	IF	1
67	Measurement of the branching fractions of $D_s^+ \rightarrow \eta' X$ and $D_s^+ \rightarrow \eta' \rho^+$ in $e^+ e^- \rightarrow D_s^+ D_s^-$	M Ablikim, HX Yang, ZP Zhang, HL Ren, T Hussain, HW Yu, T Held, ... S Nisar.	Physics letters B	750	466-474	Physics/LHR	IF	1
68	Study of dynamics of $D^0 \rightarrow K^- e^+ \nu_e$ and $D^0 \rightarrow \pi^- e^+ \nu_e$ decays	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, ... S Nisar	Physical Review D	92 (7),	72012	Physics/LHR	IF	1
69	Measurement of the form factors in the decay $D^+ \rightarrow \omega e^+ \nu_e$ and search for the decay $D^+ \rightarrow \phi e^+ \nu_e$	M Ablikim, MN Achasov, XC Ai, O Albayrak, M Albrecht, DJ Ambrose, ... S Nisar	Physical Review D	92 (7),	71101	Physics/LHR	IF	1

70	Er 3+-doped zinc tellurite glasses revisited: Concentration dependent chemical durability, thermal stability and spectroscopic properties	MR Dousti, RJ Amjad, MR Sahar, ZM Zabidi, AN Alias, ASS de Camargo	Journal of Non-Crystalline Solids	429	70-78	Physics/LHR	IF	1
71	Photodetachment of hydrogen negative ion near inelastic surfaces: Arbitrary laser polarization direction	A Iqbal, A Ahmad, RJ Amjad	International Journal of Quantum Chemistry	115 (21),	1526-1532	Physics/LHR	IF	1
72	Evaluation of excitation functions of the $^{68,67,66}\text{Zn}(p,xn)$, $^{68,67,66}\text{Ga}$ and $^{67}\text{Zn}(p,\alpha)^{64}\text{Cu}$ reactions: Validation of evaluated data through comparison with experimental excitation functions of the $^{\text{nat}}\text{Zn}(p,x)^{67,66}\text{Ga}$ and $^{\text{nat}}\text{Zn}(p,x)^{64}\text{Cu}$ processes.	M.N. Aslam, N. Amjed, S.M. Qaim.	Applied Radiation and Isotopes	96	102-113	Phy-	1.231	1
73	An improved limit for Gamma(ee) of X(3872) and Gamma(ee) measurement of psi(3686)	Ablikim, M.; Achasov, MN; <u>Nisar, S.: etl</u>	PHYSICS LETTERS B	749	414-420	Phy-LHR	IF	
74	Measurement of B(psi(3770) -> gamma chi(c1)) and search for psi(3770) -> gamma chi(c2)	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	91/9	UNSP 092009	Phy-LHR	IF	
75	Measurement of y(CP) in D-0(D)over-bar(0) oscillation using quantum correlations in e(+e(-) -> D-0(D)over-bar(0) at root s=3.773 GeV	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICS LETTERS B	744	339-346	Phy-LHR	IF	
76	Measurement of the e(+e(-) -> eta J/psi cross section and search for e(+e(-) -> pi(0)J/psi at center-of-mass energies between 3.810 and 4.600 GeV	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	91/11	112005	Phy-LHR	IF	
77	Search for the isospin violating decay Y(4260)-> J/psi eta pi(0)	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	92/1	12008	Phy-LHR	IF	
78	Observation and Spin-Parity Determination of the X(1835) in J/psi -> gamma(KSKS0)-K-0 eta	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW LETTERS	115/9	91803	Phy-LHR	IF	
79	Measurement of the matrix elements for the decays eta -> pi(+)-pi(0) and eta/eta' -> pi(0)pi(0)pi(0)	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	92/1	12014	Phy-LHR	IF	

80	Precision measurement of the integrated luminosity of the data taken by BESIII at center-of-mass energies between 3.810 GeV and 4.600 GeV	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	CHINESE PHYSICS C	39/9	93001	Phy-LHR	IF	
81	Observation of $Z(c)(3900)(0)$ in $e^{+}e^{-} \rightarrow \pi(0)\pi(0) J/\psi$	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW LETTERS	115/11	112003	Phy-LHR	IF	
82	Amplitude analysis of the $\pi(0)\pi(0)$ system produced in radiative J/ψ decays	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	92/5	52003	Phy-LHR	IF	
83	Evidence for $e^{+}e^{-} \rightarrow \gamma \chi_{c1,2}$ at center-of-mass energies from 4.009 to 4.360 GeV	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	CHINESE PHYSICS C	39/4	41001	Phy-LHR	IF	
84	Arbitrary amplitude ion acoustic solitary waves and double layers in a magnetized auroral plasma with q-nonextensive electrons	[Rufai, O. R.]; [Bains, A. S.]; [<u>Ehsan, Zahida</u>]	ASTROPHYSICS AND SPACE SCIENCE	357/2	102	Phy-LHR	IF	
85	Electrical conductivity enhancement by boron-doping in diamond using first principle calculations	[Ullah, Mahtab; Ahmed, Ejaz; Hussain, Fayyaz; Rana, Anwar Manzoor]; [<u>Raza, Rizwan</u>]	APPLIED SURFACE SCIENCE	334	40-44	Phy-LHR	IF	
86	ZnO Nanostructure-Based Intracellular Sensor	[<u>Asif, Muhammad H.</u>]; [Asif, Muhammad H.; Danielsson, Bengt]; [Willander, Magnus]	SENSORS	15/5	11787-11804	Phy-LHR	IF	
87	Collective behavior of silver plasma during pulsed laser ablation	[Dildar, I. M.; Khaleeq-ur-Rahman, M.; Bhatti, K. A.; Shuaib, A.]; [<u>Rehman, S.</u>]; [Khaleeq-ur-Rahman, M.]	LASER PHYSICS	25/7	76102	Phy-LHR	IF	
88	Enhanced green and red upconversion emissions in Er ³⁺ -doped boro-tellurite glass containing gold nanoparticles	[Reza Dousti, M.]; [Reza Dousti, M.]; [<u>Amjad, Raja J.</u>]; [Mahraz, Zahra Ashur S.]	JOURNAL OF MOLECULAR STRUCTURE	1079	347-352	Phy-LHR	IF	
89	Faradic redox active material of Cu ₇ S ₄ nanowires with a high conductance for flexible solid state supercapacitors	[Javed, Muhammad Sufyan; Dai, Shuge; Wang, Mingjun; Xi, Yi; Lang, Qiang; Guo, Donglin; Hu, Chenguo]; [<u>Javed, Muhammad Sufyan</u>] COMSATS Inst Informat Technol, Dept Phys, Lahore 54000, Pakistan	NANOSCALE	7/32	13610-13618	Phy-LHR	IF	
90	Study of $\chi(c)$ decaying into $\phi K^{*}(892)(K)$ over-bar	Ablikim, M.; Ai, X. C.;; <u>Nisar, S.: etl</u>	PHYSICAL REVIEW D	91/11	112008	16		

Note: The publications from Physics Department CIIT Lahore in CERN have been incorporated as well.

Non-ISI Publications								
S. No.	Title	Authors	Journal Name	Volume/Issue	Page/Article ID	Dep-Campus	IF/ISI	CIIT Authors
1	Friction and Wear Assessment of Yttria Stabilised Zirconia Thermal Barrier Coatings Produced by Plasma Spraying Method	M. Farooq , S. F. Shaukat , et.al	Journal of Faculty of Engineering & Technology (JFET)	22(1)	42156	Phy-LHR	Non-ISI	1
2	Thermal Barrier Coatings (TBC) for Energy Efficient Systems	M. Farooq , S. F. Shaukat , et.al	Journal of Pakistan Institute of Chemical Engineers, JPIChE	43(1)	42095	Phy-LHR	Non-ISI	1
3	Theoretical Calculation of Plasma Thermal Energy Using the Solution of Equilibrium Problem	M. Asif	Journal of Nuclear and Particle Physics	5/6	97-100	Phy-LHR	IF	1
4	Dependence of Effective Edge Safety Factor on the Energy Confinement Time by Using Equilibrium Problem	M. Asif	Journal of Nuclear and Particle Physics	5/5	93-95	Phy-LHR	IF	1
5	Study on the Effects of Epoxy Resin Based Polymer Dispersed Liquid Crystal Films Using Polythiol Group (-SH) as Hardener and Catalyst	Mujtaba Ellahi, M.Yasir Rafique, Shagufta Ishtiaque, M Furqan Ali, Jameel Memon	Materials Focus	3-Apr	197-201	Phy-Lhr	ISI	1