

CURRICULUM VITAE



Associate Professor – Physics

Department of Physics,
University of the Punjab,
Quaid e Azam Campus, Lahore
Pakistan

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Expertise : Nanomaterials, Optics, Lasers, Plasma

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY
1	PhD	Physics	Universiti Teknologi Malaysia, Malaysia
2	MSc	Physics	University of Engineering & Technology, Lahore, Pakistan
3	BSc	Physics	University of the Punjab, Lahore, Pakistan

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1	Associate Professor	March 2025	Continue	Department of Physics, University of the Punjab, Quaid e Azam Campus, Lahore, Pakistan
2	Associate Professor	May 2022	March 2025	Department of Physics, COMSATS University Islamabad, Lahore Campus, Pakistan
3	Senior Lecturer (Assistant Professor)	Feb 2015	May 2021	Department of Physics, Universiti Teknologi Malaysia, Malaysia
4	Postdoctoral	May 2014	January 2015	

AWARD AND HONORS RECEIVED

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	Service Award (Penghargaan Perkhidmatan)	Faculty of Science, Universiti Teknologi Malaysia (UTM)	2018
2	Service Award (Penghargaan Perkhidmatan)	Faculty of Science, Universiti Teknologi Malaysia (UTM)	2017
3	Service Award (Penghargaan Perkhidmatan)	Faculty of Science, Universiti Teknologi Malaysia (UTM)	2016
4	Award of Excellence – Course	Universiti Teknologi Malaysia	Semester 1 2016/17

	MSCF1813/USP0010	(UTM)	
5	Award of Excellence – Course MSCF1413	Universiti Teknologi Malaysia (UTM)	Semester 1 2016/17
6	Award of Excellence – Course SSCP458	Universiti Teknologi Malaysia (UTM)	Semester 1 2016/17
7	Research consortium consist of UTM secure research grant RM12.9m	Malaysian Industry-Government Group for High Technology (MIGHT)	November 2016
8	United Nation ITU WISIS 2016 Winner E-Environment- Geneva	E-Environment- Geneva	May 2016
9	International Doctoral Fellowship (IDF)	Universiti Teknologi Malaysia	2013
10	International Doctoral Fellowship (IDF)	Universiti Teknologi Malaysia	2012

RESEARCH ACTIVITIES

BIL	TITLE OF GRANT	RO LE	CATEGORY OF GRANT(UTM /OTHERS)	AMOUNT (RM)	STARTING DATE	ENDING DATE
1	Synthesis and characterization of Dy doped terbium magnate thin film for spintronic applications	PI	COMSATS University Islamabad	300,000 PKR	25/09/2024	_____
2	Investigation and Fabrication of Thin Film Perovskite Solar Absorber Layer via Solution Processing Route	PI	UTM	63000	01/01/2020	30/06/2022
3	Synthesize and Characterization of Nano Ferrites Particles for Antibacterial Activity	PI	UTM	40000	01/07/2017	30/06/2019
4	Next Generation Green Data Centres for Environmental and Business Sustainability	PI	International	3100000	01/10/2016	31/05/2019
5	Fabrication of Carbon Nanotubes based Transparent Conductive Thin Films by Solution base Methods	PI	UTM	50000	01/02/2016	31/01/2018
6	Flexible solar photovoltaics for commercial and community roof tops in Malaysia	PI	International	105500	01/04/2016	30/04/2017
7	Fabrication of Bismuth Trioxide Thin Films using Pulsed Laser	PI	UTM	20000	01/06/2015	31/05/2016

	Deposition					
8	Printed Solar Cell for Large Roof Applications	PI	International	335979.16	01/04/2015	31/03/2016

PLENARY/CHAIRPERSON/ORAL POSTER PRESENTER/KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Keynote Speaker	International workshop on “Plasma Physics for the Next Century and Beyond.	28 th August 2018	Pulai Spring Resort, Johor, Malaysia
2	Keynote Speaker	Coaching Session on Institutional Links, Newton Ungku Omar Fund	25th May 2017	Universiti Teknologi Petronas, Malaysia
3	Keynote Speaker	The Perspective of International Grants and Collaborations in Today’s Research Scenario	26th March 2017	Universiti Tun Hussein Malaysia
4	Keynote Speaker	WINNING PROPOSAL Newton Fund – How to Secure the Grant? Institutional Links and Innovate UK – Application & Review Procedures	6 th Oct 2016	RMC - UTM

List of Publications

Sr. No.	Description	IF	Quartile
2025			
1	Nur Fatin Sulaiman, Mohamad Helmi Abd Mubin, Saraswathy Shamini Gunasekaran, A.G.N. Sofiah , Kashif Tufail Chaudhary , Saiful Najmee Mohamad , Jalil Ali, Optimization using RSM-CCD in the fabrication of magnesium-doped bismuth ferrite nanoparticles via sol-gel auto-combustion method for enhanced photocatalytic performance. <i>Results in Physics</i> . 69 (2025) 108114	4.4	Q2
2024			
2	Muhammad Tariq , Amiruddin Shaari, Kashif Chaudhary , Arif Jalil, Fairuz Dyana Ismail, Rashid Ahmed, Siddique Akhtar Ehsan. 2024. A DFT study on the switching energy of multiferroic capacitor with stable single-phase multiferroic material. <i>Materials Science and Engineering B</i> , 300, 117070	3.4	Q1
3	Muhammad Tariq, Amiruddin Shaari, Kashif Chaudhary , Rashid Ahmed, Fairuz Dyana Ismail, Exploring spin current and dielectric switching characteristics of doped-multiferroic in hexagonal phase for advance RAM technology: A theoretical study. <i>Physica B: Condensed Matter</i> , 416326.	2.8	Q2
2023			
4	Tariq, M., Shaari, A., Chaudhary, K. , Ahmed, R., Jalil, M.A. and Ismail, F.D., 2023. Magnetoelectric, and dielectric based switching properties of co-doped BiFeO ₃ for low energy memory technology: A	2.98	Q2

	first-principles study. <i>Physica B: Condensed Matter</i> , 650, p.414489.		
5	Tariq, M., Shaari, A., Chaudhary, K. , Ahmed, R., Jalil, M.A. and Ismail, F.D., 2023. Computational study of switching properties in Mn and transition metal co-doped BFO. <i>Physica B: Condensed Matter</i> , 652, p.414650.	2.98	Q2
6	Jamaludin, N., Razak, N.A.A., Ismail, F.D. and Chaudhary, K.T. , 2023, February. Photocatalytic degradation of rhodamine B dye under visible light using cerium-cobalt co-doped bismuth ferrite nanoparticles. In <i>Journal of Physics: Conference Series</i> (Vol. 2432, No. 1, p. 012015). IOP Publishing.	0	-
7	E Mazalan , M S A Aziz, N A S Amin , F D Ismail , M S Roslan, and K Chaudhary , First-principles study on crystal structures and bulk modulus of CuInX ₂ (X = S, Se, S-Se) solar cell absorber. In <i>Journal of Physics: Conference Series</i> (Vol. 2432, No. 1, p. 012009). IOP Publishing.	0	-
2022			
8	Tariq, M., Chaudhary, K. , Shaari, A., Jalil, A., Ismail, F.D., Ahmed, R., Haider, Z. and Hussain, R., 2022. Ultralow energy switching with spin polarized magneto-electric properties of co-doped cubic phase BFO: A first-principles study. <i>Chinese Journal of Physics</i> , 79, pp.211-224.	3.95	Q2
2020			
9	Asadiamiri, F., Chaudhary, K. , Ali, J., Bahadoran, M., Nejati, M., Yupapin, P. P., & Niknam, A. R. (2020). Dispersion of electromagnetic waves in coaxial cylindrical rippled-wall waveguide including plasma layer. <i>Waves in Random and Complex Media</i> , 1-12.	3.3	Q1
10	Roslan, M. S., Haider, Z., & Chaudhary, K. T. (2020). Characterization of the Impact of Nanoparticles on Micro Strain in 2D Graphene Synthesized by Arc Discharge Plasma. <i>Materials Today Communications</i> , 101285.	2.6	Q2
11	Asadiamiri, F., Ali, J., Bahadoran, M., Chaudhary, K. , Yupapin, P. P., Nejati, M., & Niknam, A. R. (2020). Terahertz cherenkov radiation excited by an electron beam in a cylindrical metallic rippled-wall waveguide. <i>Optik</i> , 208, 164127.	2.1	Q2
12	Asadiamiri, F., Nejati, M., Chaudhary, K. , Baboli, M., Ali, J., Yupapin, P. P., & Niknam, A. R. (2020). Dispersion characteristics of terahertz transverse electric mode in a smooth-wall cylindrical waveguide with a degenerate plasma layer. <i>Optical and Quantum Electronics</i> , 52, 1-18.	1.8	Q3
13	Qader, O. B., Ruisheng, Y., Chaudhary, K. , Muhammad, F. F., Yahya, M. Y., Ahmad, M. R., ... & Ali, J. (2020). TiO ₂ DOPED PDPP3T NANOCOMPOSITE THIN FILM FOR PHOTOVOLTAIC APPLICATION. <i>Digest Journal of Nanomaterials & Biostructures (DJNB)</i> , 15(1).	0.75	Q4
14	Najeeah, C. Z., Chaudhary, K. T. , & Ali, J. (2020). Synthesis and Characterization of Cobalt Ferrite Nanoparticles via Sol-Gel Auto Combustion Method. In <i>Solid State Phenomena</i> (Vol. 307, pp. 58-63). Trans Tech Publications Ltd.	0	-
15	Salleh, M. S., Chaudhary, K. T. , Mazalan, E., & Ali, J. (2020). Potassium Doping Effect on Cu ₂ ZnSn (S, Se) 4 Thin Film Absorber Layer Deposited via Spray Pyrolysis. In <i>Solid State Phenomena</i> (Vol. 307, pp. 201-206). Trans Tech Publications Ltd.	0	-
16	Jamaludin, N., Sakrani, S., Chaudhary, K. T. , Ali, J., & Ismail, F. D. (2020). Self-Catalysed Vapor-Liquid-Solid Growth Mechanism of ZnO Nanowires Grown on Silicon Substrate Pre-Coated with ZnO Buffer Layer. In <i>Solid State Phenomena</i> (Vol. 307, pp. 64-69). Trans Tech Publications Ltd.	0	-
2019			

17	Tariq, U., Hussain, R., Tufail, K. , Haider, Z., Tariq, R., & Ali, J. (2019). Injectable dicalcium phosphate bone cement prepared from biphasic calcium phosphate extracted from lamb bone. <i>Materials Science and Engineering: C</i> , 103, 109863.	5.88	Q1
18	Almessiere, M.A., Trukhanov, A.V., Slimani, Y., You, K.Y., Trukhanov, S.V., Trukhanova, E.L., Esa, F., Sadaqat, A., Chaudhary, K. , Zdorovets, M. and Baykal, A. (2019). Correlation between composition and electrodynamics properties in nanocomposites based on hard/soft ferrimagnetics with strong exchange coupling. <i>Nanomaterials</i> , 9(2), 202.	3.5	Q1
19	Mazalan, E., Chaudhary, K. T. , Nayan, N., & Ali, J. (2019). Influence of antimony dopant on CuIn (S, Se) 2 solar thin absorber layer deposited via solution-processed route. <i>Journal of Alloys and Compounds</i> , 772, 710-718.	3.8	Q1
20	Roslan, M. S., Chaudhary, K. T. , Doylend, N., Agam, A., Kamarulzaman, R., Haider, Z., ... & Ali, J. (2019). Growth of wall-controlled MWCNTs by magnetic field assisted arc discharge plasma. <i>Journal of Saudi Chemical Society</i> , 23(2), 171-181.	2.5	Q2
21	Islam, S., Bakhtiar, H., Haider, Z., Riaz, S., Naseem, S., Chaudhary, K. , ... & bin Abd Aziz, M. S. (2019). BPB dye confined growth of surfactant-assisted mesostructured silica matrix fiber optic sensing tracers. <i>Journal of Saudi Chemical Society</i> , 23(4), 427-438.	2.5	Q2
22	Dabagh, S., Chaudhary, K. , Haider, Z., & Ali, J. (2019). Effect of Sintering on Di-Electric Characteristics of Al–Cu Doped Cobalt Ferrite Nanoparticles. <i>Journal of nanoscience and nanotechnology</i> , 19(7), 4142-4146.	1.13	Q4
23	Imam, A. M., Chaudhary, K. , Kunya, A. B., & Ali, J. (2019). Impact of communication delay on distributed load frequency control (dis-LFC) in multi-area power system (MAPS). <i>Malaysian Jour. of Fund. and App. Sci.</i> , 15(4), 626-632.	0	-
2018			
24	Almessiere, M. A., Dabagh, S., Slimani, Y., Chaudhary, K. , Ali, J., & Baykal, A. (2018). Investigation of Structural and Magnetic Properties on Mg 1– x Zn x Fe 2– x Al x O 4 (0.0≤ x≤ 0.8) Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 28(3), 942-953.	1.3	Q3
25	Shahirah, F., Chaudhary, K. , & Ali, J. (2018). Deposition and Evaluation of Hydrophobic Coating by Wiping Method. <i>Digest Journal of Nanomaterials and Biostructures</i> , 13(3), 693-700.	0.6	Q4
26	Mubin, M. H., Chaudhary, K. , Haider, Z., Dabagh, S., Aziz, M. S., & Ali, J. (2018). Nitrogen oxide gas sensor based on metal oxide thin film. <i>Journal of Computational and Theoretical Nanoscience</i> , 15(3), 1059-1063.	1.6	Q2
27	Dabagh, S., Chaudhary, K. , Haris, S. A., Haider, Z., & Ali, J. (2018). Aluminium Substituted Ferrite Nanoparticles with Enhanced Antibacterial Activity. <i>Journal of Computational and Theoretical Nanoscience</i> , 15(3), 1052-1058.	1.6	Q2
28	Dabagh, S., Chaudhary, K. , Haider, Z., & Ali, J. (2018). Study of structural phase transformation and hysteresis behavior of inverse-spinel α -ferrite nanoparticles synthesized by co-precipitation method. <i>Results in physics</i> , 8, 93-98.	0.9	Q3
29	Sabri, N. M., Haider, Z., Tufail, K. , Ismail, F. D., & Ali, J. (2018). Spectroscopic diagnostics of laser induced plasma and self-absorption effects in Al lines. <i>Physics of Plasmas</i> , 25(7), 073303.	1.9	Q3
2017			
30	Roslan, M. S., Chaudary, K. T. , Haider, Z., Aziz, M. S., & Ali, J. (2017). Multi-walled carbon nanotubes grow under low pressure hydrogen, air, and argon ambient by arc discharge plasma. <i>Fullerenes, Nanotubes and Carbon Nanostructures</i> , 25(4),	0.8	Q4

	269-272.		
31	Damideh, V., Ali, J., Saw, S. H., Rawat, R. S., Lee, P., Chaudhary, K. T. , ... & Sing, L. (2017). Fast Faraday cup for fast ion beam TOF measurements in deuterium filled plasma focus device and correlation with Lee model. <i>Physics of Plasmas</i> , 24(6), 063302.	2.2	Q4
2016			
32	Ubani, C. A., Ibrahim, M. A., Teridi, M. A. M., Sopian, K., Ali, J., & Chaudhary, K. T. (2016). Application of graphene in dye and quantum dots sensitized solar cell. <i>Solar Energy</i> , 137, 531-550.	3.6	Q1
33	Bahadoran, M., Noorden, A. F. A., Mohajer, F. S., Abd Mubin, M. H., Chaudhary, K. , Jalil, M. A., ... & Yupapin, P. (2016). Detection of Salmonella bacterium in drinking water using microring resonator. <i>Artificial cells, nanomedicine, and biotechnology</i> , 44(1), 315-321.	2.1	Q2
34	Roslan, M. S., Chaudary, K. , Rizvi, S. Z. H., Daud, S., Ali, J., & Munajat, Y. (2016). Arc discharge synthesis of CNTs in hydrogen environment in presence of magnetic field. <i>Jurnal Teknologi</i> , 78(3).	0	-
35	Haider, Z., Chaudhary, K. , Roslan, S., Ali, J., & Munajat, Y. (2016). Diagnostics of Laser Induced Graphite Plasma under Various Pressures of Air, Helium and Argon. <i>Jurnal Teknologi</i> , 78(3).	0	-
36	Daud, S., Abd Aziz, M. S., Chaudhary, K. T. , Bahadoran, M., & Ali, J. (2016). Sensitivity measurement of fibre Bragg grating sensor. <i>Jurnal Teknologi</i> , 78(3).	0	-
37	Aziz, M. S., Affandi, M. S., Daud, S., Bahadoran, M., Chaudhary, K. T. , & Ali, J. (2016). Theoretical Study on Slow-Light Generated by Integrated Microring Resonator with Wide Bandwidth and High Gain. <i>Jurnal Teknologi</i> , 78(3).	0	-
38	Abd Mubin, M. H., Roslan, M. S., Rizvi, S. Z. H., Chaudhary, K. , Daud, S., Ali, J., & Munajat, Y. (2016). Fabrication of Carbon Thin Films by Pulsed Laser Deposition in Different Ambient Environments. <i>Jurnal Teknologi</i> , 78(3).	0	-
39	Mohamad, A., Bahadoran, M., Daud, S., Chaudhary, K. T. , Aziz, M. S., Jalil, M. A., ... & Yupapin, P. P. (2016). Analysis of temperature sensor in all-pass microring resonator. <i>Jurnal Teknologi</i> , 78(3).	0	-
2015			
40	Arab, M., Bidin, N., Chaudhary, K. , & Hosseinian, R. (2015). Characterization of pollution indices in soil surrounding a power plant by laser induced breakdown spectroscopy. <i>Analytical Letters</i> , 48(2), 360-370.	1.1	Q3
41	Chaudhary, K. , Rosalan, S., Aziz, M. S., Bahadoran, M., Ali, J., Yupapin, P. P., & Bidin, N. (2015). Laser-Induced Graphite Plasma Kinetic Spectroscopy under Different Ambient Pressures [Chin. Phys. Lett. Vol. 32, No. 4, 043201 (2015)]. <i>Chinese Physics Letters</i> , 32(6), 069901.	0.9	Q3
42	Abd Rashid, N., Mohamad, S. N., Chaudhary, K. T. , Lee, S., Saw, S. H., & Ali, J. (2015). Effects of approximation and close-fitting technique of corona model on neon soft X-ray emission in 3-kJ plasma focus. <i>IEEE Transactions on Plasma Science</i> , 43(7), 2146-2154.	1.1	Q3
43	Mohamad, A., Bahadoran, M., Ahmad Noorden, A. F., Aziz, S., Chaudhary, K. , Jalil, M. A., ... & Yupapin, P. (2015). Modified add-drop microring resonator for temperature sensing. <i>Journal of Computational and Theoretical Nanoscience</i> , 12(10), 3188-3193.	1.34	Q3
44	Daud, S., Noorden, A. F., Aziz, M. S., Chaudhary, K. , Bahadoran, M., & Ali, J. (2015). Sensitivity measurement of fibre Bragg grating system for temperature sensor application. <i>Journal of Computational and Theoretical Nanoscience</i> , 12(12), 5778-5780.	1.34	Q3
45	Aziz, S., Bahadoran, M., Ahmad Noorden, A. F., Chaudhary, K. , Ali, J., & Yupapin, P. (2015). Analytical Treatment and Modeling of	1.34	Q3

	Integrated Ring Resonator Device by Z-Transform Method for Signals Amplification. <i>Journal of Computational and Theoretical Nanoscience</i> , 12(9), 2253-2258.		
46	Mohamad, S. N., Rashid, N. A., Chaudhary, K. , Lee, S., Saw, S. H., & Ali, J. (2015). Plasma Kinetics in Deuterium-Filled Plasma Focus with Step Anode Configuration. <i>Journal of Computational and Theoretical Nanoscience</i> , 12(10), 3531-3537.	1.34	Q3
47	Roslan, M. S., Chaudhary, K. , Aziz, M. S., Ali, J., Yupapin, P. P., & Bidin, N. (2015). Kinetic Model for Carbon Species Distribution in Arc Discharge Plasma. <i>Journal of Computational and Theoretical Nanoscience</i> , 12(12), 6063-6068.	1.34	Q3
48	Noorden, A. F. A., Chaudhary, K. , Bahadoran, M., Aziz, M. S., Jalil, M. A., Tiong, O. C., ... & Yupapin, P. (2015). Rabi oscillation generation in the microring resonator system with double-series ring resonators. <i>Optoelectronics Letters</i> , 11(5), 342-347.	0	-
49	Chaudhary, K. , Tariq, U., Roslan, S., Shude, O., & Aziz, M. S. (2015). Optical Emission Spectroscopy of Carbon Arc Discharge Plasma. <i>Jurnal Teknologi</i> , 74(8).	0	-
50	Mohamad, A., Aziz, M. S., Bahadoran, M., Chaudary, K. , Jalil, M. A., Ali, J., & Yupapin, P. P. (2015). Temperature effect on refractometric double ring resonator. <i>Jurnal Teknologi</i> , 74(8).	0	-
51	Aziz, M. S., Tufail, K. , Khamsan, N. E., Affandi, S., Daud, S., Bahadoran, M., & Ali, J. (2015). Trapping of Gold Nanoparticle and Polystyrene Beads by Dynamic Optical Tweezers. <i>Jurnal Teknologi</i> , 74(8).	0	-
52	Daud, S., Chaudary, K. T. , Bahadoran, M., & Ali, J. (2015). Z-transform method for optimization of add-drop configuration system. <i>Jurnal Teknologi</i> , 74(8).	0	-
2014			
53	Gan, Hong-Seng, Tan Tian Swee, Ahmad Helmy Abdul Karim, Khairil Amir Sayuti, Mohammed Rafiq Abdul Kadir, Weng-Kit Tham, Liang-Xuan Wong, Kashif T. Chaudhary , Jalil Ali, and Preecha P. Yupapin. (2014). Medical image visual appearance improvement using bihistogram bezier curve contrast enhancement: data from the osteoarthritis initiative. <i>The Scientific World Journal</i> , 2014.	1.2	Q2
54	Chaudhary, K. T. , Bahtti, K. A., Rafique, M. S., Jamil, H., Ali, J., Yupapin, P. P., ... & Bidin, N. (2014). FORMATION OF MULTI-WALLED CARBON NANOTUBES AND GRAPHENE IN METHANE ARC DISCHARGE PLASMA. <i>Digest Journal of Nanomaterials & Biostructures (DJNB)</i> , 9(4).	0.9	Q4
55	Chaudhary, K. T. , J. Ali, and P. P. Yupapin. "Growth of small diameter multi-walled carbon nanotubes by arc discharge process." <i>Chinese Physics B</i> 23.3 (2014): 035203.	1.2	Q3
56	Bahadoran, M., Noorden, A. F. A., Chaudhary, K. , Aziz, M. S., Ali, J., & Yupapin, P. (2014). Nano force sensing using symmetric double stage micro resonator. <i>Measurement</i> , 58, 215-220.	1.5	Q1
57	Chaudhary, K. T. , Rizvi, Z. H., Ali, J., & Yupapin, P. P. (2014). Influence of methane gas on growth of multi-walled carbon nanotubes by arc discharge process. <i>Nanoscience and Nanotechnology Letters</i> , 6(3), 197-203.	0.9	Q3
58	Ong, S. T., Chaudhary, K. , Ali, J., & Lee, S. (2014). Numerical experiments on neutron yield and soft x-ray study of a~ 100 kJ plasma focus using the current profile fitting technique. <i>Plasma Physics and Controlled Fusion</i> , 56(7), 075001.	2.4	Q2
59	Bahadoran, M., Noorden, A. F. A., Chaudhary, K. , Mohajer, F. S., Aziz, M. S., Hashim, S., ... & Yupapin, P. (2014). Modeling and analysis of a microresonating biosensor for detection of Salmonella bacteria in human blood. <i>Sensors</i> , 14(7), 12885-12899.	2.0	Q1
60	Shakonah, S. S., Ali, J., Rashid, N. A., & Chaudhary, K. (2014).	0	-

	Determination of Ion Beam Properties In Nitrogen and Helium Using Mather Type Plasma Focus Device. <i>Jurnal Teknologi</i> , 71(5).		
2013 and older			
61	Chaudhary, K. T. , Rizvi, Z. H., Bhatti, K. A., Ali, J., & Yupapin, P. P. (2013). Multiwalled carbon nanotube synthesis using arc discharge with hydrocarbon as feedstock. <i>Journal of Nanomaterials</i> , 2013.	1.5	Q2
62	Bhatti, K. A., M. S. Rafique, M. Khaleeq-ur-Rahman, A. Latif, K. Hussain, A. Hussain, K. T. Chaudhary , B. A. Tahir, and R. Qindeel. R. (2011). Characterization of Platinum and Gold ions emitted from laser produced plasmas using solid state nuclear track detectors. <i>Vacuum</i> , 85(10), 915-919.	1.3	Q2
63	Qindeel, R. A. B. I. A., Chaudhary, K. T. , Bhatti, K. A., Hussain, M. S., & Ali, Jalil. (2010). Investigation of carbon thin films by pulsed laser deposition at different temperatures. <i>Journal of Non-Oxide Glasses</i> , 1(4), 191-197.	0	-
64	Bhatti, K. A., Khaleeq-ur-Rahman, M., Rafique, M. S., Chaudhary, K. T. , & Latif, A. (2010). Electrons emission from laser induced metallic plasmas. <i>vacuum</i> , 84(7), 980-985.	1.3	Q2
65	Khaleeq-ur-Rahman, M., Bhatti, K. A., Rafique, M. S., Latif, A., & Chaudhary, K. T. (2009). Magnetic field effect on electron emission from plasma. <i>Vacuum</i> , 83(6), 936-941.	1.3	Q2
Conference Proceedings			
66	Jamaludin, N., Chaudhary, K. T., Haider, Z., Duralim, M., Ismail, F. D., Roslan, M. S., ... & Ali, J. (2020, April). Effect of laser energy and wavelength on average size of gold nanoparticles synthesized by pulsed laser ablation in deionized water. In <i>Journal of Physics: Conference Series</i> (Vol. 1484, No. 1, p. 012029). IOP Publishing.		
67	Mazalan, E., Haider, Z., Chaudhary, K., Duralim, M., Ismail, F. D., Roslan, M. S., ... & Ali, J. (2020, April). Effect of sample temperature on spectroscopic investigation of laser-induced aluminum and copper plasma. In <i>Journal of Physics: Conference Series</i> (Vol. 1484, No. 1, p. 012028). IOP Publishing.		
68	Tariq, U., Haider, Z., Chaudhary, K., Hussain, R., & Ali, J. (2018, May). Calcium to phosphate ratio measurements in calcium phosphates using LIBS. In <i>IOP Conf. Ser.: J. Phys.</i> (Vol. 1027, p. 012015).		
69	Mangsor, A. S., Rizvi, Z. H., Chaudhary, K., & Aziz, M. S. (2018). Classification of alloys using laser induced breakdown spectroscopy with principle component analysis. In <i>J. Phys.: Conf. Ser</i> (Vol. 1027, p. 012017).		
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