

INTERNATIONAL PUBLICATIONS

Citations: 726
(Total Impact Factor: 118.958)

Sr. No	Title of paper	Authors	Journal & country	Impact Factor	Volume / page number / year of publication
1.	Structural, morphological and optical changes in periodic fractal nanosymmetries of Ni doped chromium oxide ceramic nanostructures	Saima Shaukat, M. Khaleeq-ur-Rahman, Usman Ilyas, A. Latif, R.S. Rawat	Ceramics International	2.605	42 (4), 4952-4963, (2016)
2.	Influence of gadolinium precursor on the enhanced red shift of Gd/SnO ₂ -TiO ₂ nanoparticles and catalytic activity	Muhammad Akhyar Farrukh, Maryam Shahid, Iqra Muneer, Shaghrif Javaid M. Khaleeq-ur-Rahman	Journal of Materials Science: Materials in Electronics	1.567	27 (3), 2994-3002, (2016)
3.	Improvement in the Pitting Resistance of Inconel-600 by Nitrogen Ions Implantation	Naveed Afzal, K.M. Deen, R.Ahmad, Z.Niazi, A.Farooq, Mohsin Rafique, Yong-Soo Kim and M. Khaleeq-ur-Rahman	Protection of Metals and Physical Chemistry of Surface	0.740	51, (3), 481-485, (2015)
4.	Development of latent fingerprints on various surfaces by using ZnO-SiO ₂ nanopowder	Ayesha Arshad, Muhammad Akhyar Farrukh, Shaista Ali, Muhammad Khaleeq-ur-Rahman , and Muhammad Ashraf Tahir	Journal of Forensic Sciences	1.306	60 (5), 1182-1187, (2015)
3.	Influence of optical band gap and particle size on the catalytic properties of Sm/SnO ₂ -TiO ₂ nanoparticles	Shaghrif Javid, Muhammad akhyar Farrukh, Iqra Muneer, Maryam Shahid, Muhammd Khaleeq-ur-Rahman , Akrajas Ali Umar	Superlattices and Microstructures	1.979	82, 234-247 (2015)
4.	Template Assisted Synthesis of CaO-SnO ₂ nanocomposites	Badar Munir, Muhammad Akhyar Farrukh, Muhammad Khaleeq-ur-Rahman , Hina Perveen and Rohana Adnan,	Russian Journal of Physical Chemistry	0.488	89 (6), 1043-1050 (2015)
5.	Synthesis of GD ₂ O ₃ /Sm ₂ O ₃ Nanocomposite via Sonication and Hydrothermal Methods and its Optical Properties;	Iqra Muneer, Muhammad Akhyar Farrukh, Shaghrif Javaid, Maryam Shahid, and Muhammad Khaleeq-ur-Rahman	Superlattices and Microstructures	1.979	77, 256-266 (2015)
6.	Deposition and characterization of multilayer DLC:Mo thin films grown on silicon substrate by off-axis pulsed laser deposition technique	M.Z.Butt, M. Khaleeq-ur-Rahman , Dilawar Ali, Amna Akmal, S.Naseem	Applied Surface Science	2.538	331, 407-414, (2015)
7.	Synthesis, Structural and Catalytic Activities of MgO-SnO ₂ Nanocatalysts	Hina Perveen, Muhammad Akhyar Farrukh, Muhammad Khaleeq-ur-Rahman , Badar Munir and Muhammad Ashraf Tahir	Russian Journal of Physical Chemistry	0.488	89 (1), 99-107 (2015)
8.	In vitro Toxicological Study of Metal Oxides Nanoparticles on Oxidation of Succinate in Krebs	Samreen Tanveer, Muhammad Akhyar Farrukh, Shaista Ali, Muhammd Khaleeq-ur-Rahman and	Journal of the Chinese Chemical Society	0.879	61(5), 525-532 (2014)

	Cycle and Their Resultant Effect in metabolic Pathways	Ayesha Imtiaz			
9.	Solvent Controlled Synthesis of CaO-MgO Nanocomposites and Their Application in the Photodegradation of Organic Pollutants of Industrial Waste	Muhammad Shahid, Muhammad Akhyar Farrukh, Akrajas Ali Umar and Muhammad Khaleeq-ur-Rahman	Russian Journal of Physical Chemistry A	0.488	88 (5), 836-844 (2014)
10.	Synthesis of Iron Oxide-Tin Oxide Nanoparticles and Evaluation of their Activities against Diffeent Bacterial Strains	Saba Ahmad, Muhammad Akhyar farrukh, Madiha Khan, Muhammad Khaleeq-ur-Rahman and Muhammad Ashraf Tahir	Canadian Chemical Transactions	To be appeared in 2015/16	2(2), 122-133 (2014).
11.	Effect of Laser Irradiance on the Surface Morophology and Laser Induced Plasma Parameters of Zinc	Mahreen Akram, Shazia Bashir, Asma Hayat, Khaliq Mahmood, Riaz Ahmad and M.khaleeq-ur-Rahman	Laser and Particle Beams, Cambridge University Press	2.35	p. 1-10, 2013 Doi: 10.1014-S026303461300102X
12.	Variation in Spacing of Laser Induced Ripples due to Varying Surface Tension and its Effect on Electrical Properties of Si	Mubeeb Irshad, M. Shahid Rafique, M. Khaleeq-ur-Rahman , M. Rafique, Shahbaz Majeed	European International Journal of Science and Technology		Vol. 2 No.7 September, 2013
13.	Micelle-Assisted Synthesis of Al ₂ O ₃ -CaO Nanocatalyst: Optical Properties and Their Applications in Photodegradation of 2,4,6-Trinitrophenol	Ayesha Imtiaz, Muhammad Akhyar Farrukh, Muhammad Khaleeq-Ur-Rahman , and Rohana Adnan	The Scientific World Journal	1.730	Volume 2013, Article ID 641420,11 pages, (2013) Doi: http://dx.doi.org/10.1155/2013/641420
14.	Photodegradation of 2,4,6-Trinitrophenol Catalyzed by Zn/MgO Nnparticles Pepared in Aqueous-Organic Medium	Shaista Ali, Muhammad Akhyar Farrukh and Muhammad Khaleeq-ur-Rahman	Korean Journal of Chemical Engineering	1.241	30 (11), 2100-2107 (2013)
15.	Effects of Substrate Temperature on Structural, Optical and Surface Morphological Pproperties of Pulsed Laser Deposited ZNO Thin Films	Mahmood, K., Bashir, S., Khaleeq-Ur-Rahman , M., Farid, N., Akram, M., Hayat, A., Faizan-UI-Haq	Surface Review and Letters	0.357	Vol. 20, No. 03n04 1350032 August, 2013 [ISSN: 0218-625X]
16.	Laser induced breakdown spectroscopy of tantalum plasma	Khan, S. Bashir, S. Hayat, A, Khaleeq ue Rahman , M. Haq, F.U.	Physics of Plasmas	0.367	20, 073104 (2013) doi.org/10.1063/1.4812451 [ISSN: 0022-3779]
17.	Solvent controlled synthesis of Tin Oxide Nanocatalysts and their Applications in Photodegradation of Environmental Hazardous Materials	Muneer, I., Farrukh, M.A., Shaghrif, S., Khaleeq-ur-Rahman , M., Umar, A.A., Adnan, R.	Materials Science Forum	0.597	756, 197-204 May 2013 [ISSN: 1662-9752]
18.	Nanotube Wall Thickness Dependent Magnetization Reversal Properties Of Nife	R. Sharif, S. Shamaila, F. Shaheen, S. Naseem, J. Y. Chen, M. Khaleeq ur	Journal of Applied Physics	2.168	Vol. 113, 024315 (2013) [ISSN

	Nanotubes	Rahman, K. Hussain and X. F. Han			1089-7550]
19.	Bloch Law For Ferromagnetic Nanotubes	R. Sharif, S. Shamaila, F. Shaheen, J. Y. Chen, M. Khaleeq ur Rahman, and K. Hussain	Applied Physics Letters	3.844	Vol. 102, 013114 (2013) [ISSN 1077-3118]
20.	Deposition And Characterization Of Strontium Hexa Ferrite(Sr Fe ₁₂ O ₁₉)By Pld Technique	M. Khaleeq-ur-Rahman, K.A.Bhatti, M.S.Rafique, A. Latif, Sultana Fou-uz-zia	Optics and Laser Technology	1.515	Vol. 47 April (2013) pp 361–365 [ISSN 0030-3992]
21.	Effect Of Uv Irradiation On The Structural, Optical And Electrical Properties Of Platinum	A. Latif, K.A. Bhatti M. Khaleeq-ur-Rahman, M.S. Rafique	Radiation Effects and Defects in Solids	0.66	Vol.167 No.12 Dec. 2012 pp 929-936 [ISSN:1042-0150]
22.	<u>Intergranular Pitting Tendency of Yttrium Implanted Inconel 600 in Acidic Chloride Media</u>	K.M. Deen, Naveed Afzal, R. Ahmad, Z. Niazi, R. Ayub, A. Farooq, I.H. Khan, M. Khaleeq-ur-Rahman	Surface and Coatings Technology	1.867	Volume 212, November 2012, Pages 61-66 [ISSN 0257-8972]
23.	Effect Of Cumulative Nanosecond Laser Pulses On The Plasma Emission Intensity And Surface Morphology Of Pt- And Ag-Ion Deposited Silicon	Khurram Siraj, Muhammad Zakria Butt, Muhammad Khaleeq-Ur Rahman, Muhammad Shahid Rafique, Saima Rafique and Fakhar-Un-Nisa	Plasma Science & Technology	0.553	Vol. 14, No.4, April 2012, pp 333-337 [ISSN 1009-0630]
24.	Surface Modifications Of Materials By Repetitive Laser Pulses	Asma Hayat, Anwar Latif, M. Shahid Rafique, M. Khaleeq-ur-Rahman, K. A. Bhatti, Arslan Usman and Adeel Rehman	Radiation Effects & Defects in Solids	1.208	Vol. 167, No. 6, June 2012, 403–409 [ISSN:1042-0150]
25.	Laser Shots Impact On Geometry Of Crater Evolution At Copper Surface	A. Latif*, M. Khaleeq-ur-Rahman, M.S. Rafique, K. Siraj, K.A. Bhatti and A. Perveen	Radiation Effects & Defects in Solids	1.208	Vol. 167, No. 3, March 2012, 199–203 [ISSN:1042-0150]
26.	<u>Investigation Of Induced Parallel Magnetic Anisotropy At Low Deposition Temperature In Ba-Hexaferrites Thin Films</u>	Safia Anjum, M. Shahid Rafique, M. Khaleeq-ur-Rahman, K. Siraj, Arslan Usman, S.I. Hussain, S. Naseem	Journal of Magnetism and Magnetic Materials	1.689	Vol. 324, Issue 5, March 2012, Pages 711-716 [ISSN: 0304-8853]
27.	Micro Structural Morphological Changes In Laser Irradiated Platinum	A. Latif *, M. Khaleeq-ur-Rahman, K. A. Bhatti, M. S. Rafique, Asma Hayat	Journal of Modern Physics,		2, # 8, 875-884 August 2011 [ISSN: 2153-1196]
28.	<u>Structural And Magnetic Properties Of Cadmium Substituted Ni–Al Ferrites</u>	Safia Anjum, H.M. Tahir, K. Hussain, M.Khaleeq ur Rahman, M.S. Rafique	Physica B: Condensed Matter	1.056	Volume 406, Issue 13, 1 July 2011, Pages 2555-2558 [ISSN:0921-4526]
29.	<u>Effect Of Deposition Temperature On Structural, Surface, Optical And Magnetic Properties Of Pulsed Laser Deposited Al-Doped Cdo Thin Films</u>	K. Siraj, M.Khaleeq ur Rahman, S.I. Hussain, M.S. Rafique, S. Anjum	Journal of Alloys and Compounds	2.135	Volume 509, Issue 24, 16 June 2011, Pages 6756-6762 [ISSN: 0925-8388]
30.	<u>Pulsed Laser Deposition And Characterization Of Multilayer Metal-Carbon Thin Films</u>	K. Siraj, M. Khaleeq ur Rahman, M. S. Rafique, M. Z. Munawar, S. Naseem, S. Riaz	Applied Surface Science	1.616	Volume 257, Issue 15, 15 May 2011, Pages 6445-6450

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31.	Surface Morphologic and Structural Analysis of IR Irradiated Silver	Anwar Latif, M. Khaleeq ur Rahman , M. S Rafique, K.A. Bhatti	Physica B: Condensed Matter	1.056	Vol.06, # 9, 15 April 2011, Pp 1713-1716 [ISSN:0921-4526]
32.	Growth And Characterization Of Ni:Dlc Composite Films Using Pulsed Laser Deposition Technique	Arslan Usman, M.S.Rafique, M.Khaleeq ur Rahman , K.Siraj, Safia Anjum, H.Latif, Taj M.Khan, MazharMehmood	Materials Chemistry and Physics	1.871	Volume 126, Issue 3, 15 April 2011, Pages 649-654 [ISSN:0254 – 0584]
33.	Crystallography and Surface Morphology of Ion Irradiated Silver	A. Latif, M. Khaleeq ur Rahman , K. A. Bhatti, M. S. Rafique, Z. H. Rizvi	Radiation Effects and Defects in Solids	0.550	Vol. 166, No.4, 18 April (2011), 265 – 271 [ISSN:1042-0150]
34.	Characterization of Platinum and Gold Ions Emitted from Laser Produced Metallic Plasmas using Solid State Nuclear Track Detectors	K. A. Bhatti, M. S. Rafique, M. Khaleeq ur Rahman , A. Latif, K. Hussain A. Hussain, K. T. Chaudhary, B. A. Tahir, R. Qindeel	Vacuum	0.975	Volume 85, Issue 10, 25 March 2011, Pages 915-919 [ISSN: 0042-207X]
35.	Ablation Yield And Angular Distribution Of Ablated Particles From Laser-Irradiated Metals: The Most Fundamental Determining Factor	Dilawar Ali, M.Z. Butt, M. Khaleeq ur Rahman	Applied Surface Science	1.616	Vol. 257 (2011) 15 January 2011 2854–2860 [ISSN: 0169-4332]
36.	Effect of 4MeV electron beam Irradiation on Carbon Films	K. Siraj, M. Khaleeq ur Rahman , M.S. Rafique, T. Nawaz	Nuclear Instruments and Method in Physics Research B	1.156	Vol. 269, Issue 1, (2011) 1 January 2011, PP 53-56 [ISSN: 0168-583X]
37.	Characterization Of Ions With Different Charge States Emitted From Laser Produced Plasma Of Aluminum, Nickel And Tantalum	D. Ali, M.Z.Butt, and M. Khaleeq-ur-Rahman	Journal of Natural Science in Mathematics (JNSM)		PK ISSN 0022-2941; CODEN JNSMAC Vol. 50, No.1 & 2 (April & October 2010) PP-1-10
38.	Investigation of Laser Irradiation Effects on the Hardness of Al 5086 Alloy under Different Conditions	M. Khaleeq ur Rahman , M. Z. Butt, Afsheen Samuel	Vacuum	0.975	Vol. 85, Issue 3 (24-9-2010) 474-479 [ISSN: 0042-207X]
39.	Irradiation effects Irradiations on Ion Bombarded Polycrystalline Silver	Anwar Latif, M. Khaleeq-ur-Rahman , K. a. Bhatti, M. S. Rafique, Z. H. Rizvi	Physica B: Condensed Matter Physics	1.056	Vol. 405, Issue 20, (15-10-2010) 4250-4255 [ISSN: 0921-4526]
40.	Investigation on Hard X-Rays from Laser Induced Plasmas	M. Khaleeq ur Rahman , A. Latif, K. A. Bhatti, M. S. Rafique, I. A. Shah	Vacuum	0.975	Vol. 85, Issue 2 (20-8-2010) 312-316 [ISSN: 0042-207X]
41.	Kinetics Of Flow Stress In Ultra-Pure Tantalum Single Crystals In Stress/Temperature Regime III	M. Z. Butt, M. Khaleeq ur Rahman , Dilawar Ali	Journal of Materials Science	1.471	45, 6046 – 6065 (2010) dated: 01-06-2010 [ISSN: 0022-2461]
42.	Magnetic And Optical Properties Of Amorphous Ndfeco Thin Films By Pulsed Laser Deposition Technique	Safia Anjum, M. S. Rafique, M. Khaleeq ur Rahman , K. Siraj, A. Usman, H. Latif, K. a. Bhatti, S. Hussain, S. Nseem	Vacuum	0.975	Vol. 85, Issue 2 (20-8-2010) 126–130 [ISSN: 0042-207X]
43.	Angular Distribution Of Ions Produced By Laser Ablation Of Magnesium With Special Reference To Sublimation Energy	M. Khaleeq-ur-Rahman , Dilawar Ali, M. Z. Butt	Vacuum	0.975	Vol. 85, Issue 2 (20-8-2010) 170-175 [ISSN: 0042-207X]

44.	Morphological and structural Analysis of Nano Structured Gold thin film on Silicon by Pulsed Laser Deposition Technique	M. Khaleeq ur Rahman , K. A. Bhatti, M.S. Rafique, S. Anjum, A. Latif, M. Anjum, A. Ahsan and H. Ozair	Vacuum	0.975	Vol. 85, Issue 3 (24-9-2010) 353-357 [ISSN: 0042-207X]
45.	Electrons Emission From Laser Induced Metallic Plasmas	K. A. Butti, M. Khaleeq ur Rahman , M.S. Rafique Kashif T Chaudhary, A. Latif	Vacuum	1.114	Vol. 84, Issue 9 (19-4-2010) 980–985 [ISSN: 0042-207X]
46.	Characterization Of Plasma Propulsion By Nd; Yag Laser	K. A. Butti, M. Khaleeq-ur-Rahman , H. Jamil, A. Latif, M.S. Rafique	Vacuum	1.114	Vol. 84, (2010) 1080–1084 [ISSN: 0042-207X]
47.	Magnetic Field Effect On Electron Emission From Plasma	M. Khaleeq ur Rahman , K. A. Bhatti, M. S. Rafique, K. T. Chaudhary	Vacuum	1.114	83 (2009) 936–941 [ISSN: 0042-207X]
48.	Laser Induced Plasma Plume Imaging And Surface Morphology Of Silicon	M. Khaleeq ur Rahman , K. Siraj, M.S. Rafique, K. A. Bhatti, A. Latif, H. Jamil, M. Basit	Nuclear Instruments and Methods in Physics Research B	1.193	267 (2009) 1085 – 1088 [ISSN: 0168-583X]
49.	Investigation of Silver Plasma and Surface Morphology from a Nanosecond Laser Ablation	M. Khaleeq ur Rahman , M. Z. Butt, Ishrat Mubeen, M.S. Rafique	Materials Chemistry & Physics	1.871	114 (2009) 978 - 982 [ISSN:0254 – 0584]
50.	On The Strain-Rate Dependence Of Flow Stress In Crystals With High Intrinsic Lattice Friction	M. Z. Butt, M. Khaleeq ur Rahman	Journal of Physics D: Applied Physics	2.200	42 (2009) 035405 (6pp) [ISSN 0022-3727]
51.	Fabrication and Magnetization Reversal Processes for Co/Cu Multilayer Nanowires	R. Sharif, X. Q. Zhang, M. K. Rahman , S. Shamaila, J. Y. Chen, X.F. Han and Y. K. Kim	IEEE Transactions on Magnetics	1.129	45, # 10, pp 1 – 4 (2009) (ISSN: 0018 – 9464)
52.	Irradiation Effects on Copper	Anwar Latif, M. Khaleeq ur Rahman , M. S. Rafique, K. A. Bhatti, M. Imran	Radiation Effects & Defects in Solids	0.497	164, No.1, 68–72 [2009] [ISSN:1042-0150]
53.	Influence Of Number Of Laser Shots On Laser Induced Microstructures On Ag And Cu Targets	Anwar Latif, M. S. Anwar, M. A. Aleem, M. S. Rafique M. Khaleeq ur Rahman ,	Laser and Particle Beams [USA]	4.696	27, 129 – 136 (2009) [ISSN: 0236-0346]
54.	Assessment of Selenium Intake Levels Through Typical Pakistani Diet	Perveen Akhter, M. K. Rahman	Nutrition and Food Science	2.356	39, 3, 268–276 [2009] ISSN: 0034-6659
55.	Effect of External Magnetic Field on the Deposition of BaFe ₁₂ O ₁₉	M.S. Rafique, M. Khaleeq ur Rahman , Saif ur Rahman, Safia Anjum, M. Shahbaz Anwar, K.A. Bhatti, Saba Saeed, Saif Ullah Khan	Vacuum	1.114	82, 1233-1237 [2008] [ISSN: 0042-207X]
56.	Fabrication and Magnetic Characterization of Co _x Pt _{1-x} Nanowire Arrays	S. Shamaila, R. Sharif, S. Riaz, M. Khaleeq ur Rahman , X. F. Han	Applied Physics A Materials Science & Processing	2.231	92: 687 – 691 (2008)
57.	Magnetic Switching of Ferromagnetic Nanotubes	R. Sharif, S. Shamaila M. Ma, L.d. Yao, R.c. Yu, X.F. Han, and M. Khaleeq ur Rahman	Applied Physics Letters	3.596	92, 032505-1 to 032505-3 [2008] [ISSN:0003-6951]
58.	External Magnetic Field Effect on Plume Images and X-ray Emission from a Nanosecond Laser Produced Plasma	M.S. Rafique, M. Khaleeq ur Rahman , Ibtisam Riaz, Rashid Jalil, Nazar Farid	Laser and Particle Beams [USA]	4.696	26, 217 – 224, [2008] [ISSN: 0236-0346]
59.	Electrical Diagnostics of Laser Ablated Platinum Plasma	K. A. Bhatti, M. Khaleeq ur Rahman , M. S. Rafique, M. I. Shahzad, A. Latif & N. Parveen	Vacuum	1.114	82 [2008] 1157 – 1161 [ISSN:0042-207X]
60.	Magnetic and Magnetization Properties of Electrodeposited fcc CoPt Nanowire Arrays	S. Shamaila, R. Sharif, S. Riaz, M. Khaleeq ur Rahman & X.F.Han	Magnetism and Magnetic Materials	1.208	320 [2008] 1803–1809 [ISSN: 0304-8853]
61.	Impact of Laser Produced X-rays on the surface of InfluenceGold	Hamid Latif, M. S. Rafique, M. Khaleeq ur Rahman , R.S. Rawat, A. Sattar & P.Lee	Applied Surface Science	1.406	254, 7505-7511 [2008] [ISSN: 0169-4332]
62.	Magnetic & Microstructural	R. Sharif, S. Shamaila, M. Ma,	Journal of	1.208	320 [2008] 1512–

	Characterization of Co Fe and Co FeB Nanowires	L. D. Yao, R.C. Yu, X.F.Han, Yong Wang, M. Khaleeq ur Rahman	Magnetism & Magnetic Materials [USA]		1516 [ISSN: 0304-8853]
63.	Characteristics of Ion Emitted from Laser Induced Silver Plasma	M. S. Rafique, M. Khaleeq ur Rahman , Munazza Shakoor, K. A. Bhatti	Plasma Science & Technology	1.816	10, 4, 450 – 454 [2008] [ISSN: 1009-0630]
64.	XRD & SEM Analysis of a Laser Irradiated Cadmium	M. S. Rafique, M. Khaleeq ur Rahman , T. Firdos, K. Aslam, M. Shahbaz Anwar, M. Imran & H. Latif	Journal Laser Physics (Russia)	0.696	17, No.9, 1138–1145 [2007] [ISSN: 1054-660X]
65.	Radiological Impact of Dietary Intakes of Naturally Occurring Radio-Nuclides on Pakistani Adults	P. Akhter, K. Rahman , S. D. Orfi, N. Ahmad	Journal of Food & Chemical Toxicology [UK]	2.186	45, p.272-277 [2007] [ISSN: 0278-6915]
66.	Laser produced Copper Ion Energy Spectrum Employing Thomson Parabola Technique	M. Shahid Rafique, M. Khaleeq ur Rahman , Aziz ul Rehman, Khurram Siraj & M. Fiaz Khan	Journal Laser Physics (Russia)	0.696	17, No.3, PP 282 – 285 [2007] [ISSN: 1054-660X]
67.	Laser Induced Exfoliation Splashing in Glass Materials	M. Khaleeq ur Rahman , M. Shahbaz Anwar, M. Shahid Rafique, Khurram Waqas Halider	Nuclear Instruments & Methods in Physics Research – B, Europe	1.193	255, 338– 342 [2007] [ISSN: 0168-583X]
68.	Laser Irradiation Effects on Gold	M. Khaleeq ur Rahman , K. A. Bhatti, M.S. Rafique, A. Latif, P.Lee & S. Mahmood	Laser Physics (Russia)	0.696	17, #.12, pp 1382-1388 [2007] [ISSN 1054-660X]
69.	Theoretical Model for Heat Conduction in Metals during Interaction with Ultra Short Laser Pulse	Muhammad Shahbaz Anwar, Anwar Latif, M. Iqbal, M. Shahid Rafique, M. Khaleeq ur Rahman & Sofia Siddique	Laser and Particle Beams (USA)	4.696	24-3, 347 – 353 [2006] [ISSN: 0236-0346]
70.	Appraisal of Magnesium Levels in Pakistani Diet	P. Akhter, M. K. Rahman , D. Mohammad & S. D. Orfi	Journal of Food Safety [UK]	0.565	8, p.61-65 [2006] [ISSN: 0149-6085]
71.	CO ₂ and Nd: YAG Laser Radiation induced Damage in Aluminum	Shazia Bashir, M.S. Rafique, M. Khaleeq ur Rahman , Faizan ul Haq & B. R. Alvina	FIZIKA A (Zagreb)	1.475	15, 3, 181– 192 [2006] [ISSN: 13300008]
72.	Angular Distribution & Forward Peaking in Laser Produced Plasma Ions	M. Shahid Rafique, M. Khaleeq ur Rahman , M. Shahbaz Anwar, Faryaal Mahmood, Afshan Ashfaq & Khurram Siraj	Laser & Particle Beams (USA)	4.696	23, No.2, P–131–135 [2005] [ISSN: 0236-0346]
73.	Assessment of Daily Iron Intake for the Pakistani Population	P. Akhter, D. Mohammad, S. D. Orfi, N. Ahmad and K. Rehman	Nutrition and Food Science	2.356	35 No.2, PP. 109–117 [2005] [ISSN:0034-6659]
74.	Assessment of Iodine Levels in the Pakistani Diet” Nutrition:	Perveen Akhter, Khaleeq ur Rehman , Saraj Din Orfi, Nasir Ahmad	Applied & Basic Nutritional Sciences (USA)	2.229	20: PP - 783-787 [2004] [ISSN: 0899-9007]
75.	Uranium Concentration in Typical Pakistani Diet	Perveen Akhter, M. Khaleeq ur Rahman , Kunio Shiraishi, Hisao Kawamura & Nasir Ahmad	Radiation Research	1.980	44, P.P. 289-293 [2003] [ISSN: 0033-7587]
76.	Inter comparison of INAA & ICP-MS Results of Thorium Determination in Pakistani Diet	P. Akhter, S. D. Orfi, H. Kawamura, N. Ahmad, M. Khaleeq ur Rahman	Environmental Radioactivity [UK, USA]	0.674	62 No.2 pp 123-127 [2002] [ISSN: 0265-931X]
77.	Corona from Bursting Bubbles	M. Khaleeq ur Rahman and C.P. R. Saunders	Atmosp. Research (AMSTERDAM)	0.661	26, PP - 329-338 [1991] [ISSN: 0169-8095]
78.	Effects of Surface Waves on Corona from Splashing Water Drops	M. Khaleeq ur Rahman and C.P. R. Saunders	Annales Geophy (FRANCE)	1.366	7(1) 1, PP 47-52 [1989] [ISSN:1593-5213]
79.	Corona from Splashing Water Drops	M. Khaleeq ur Rahman and C.P. R. Saunders	Atmosp & Terr. Phy.	1.189	50 No.6 PP-545-55 [1988] [ISSN: 0021-9169]
Total Impact Factor				113.959	Citation=346 as per Scopus
CITATIONS				346 AS PER SCOPUS	

PATENTS (USA)

1	Drug Entrapment Efficiency and Sustained Drug Release of Choloramphenicol Loaded Polymericiron	Muhammad Akhyar Farrukh, Adarsh Shams, and Muhammad Khaleeq-ur-Rahman	US Patent	Attorney Docket No. 2014.0723, US Patent Filing Application No. 14-514,055, 14 Oct. 2014
2	Dissolution and Stability Studies of Ciprofloxacin Loaded Diethylaminoethyl Cellulose Nanoparticles,	Muhammad Akhyar Farrukh, Muhammad Rehan Gul, and Muhammad Khaleeq-ur-Rahman	US Patent	Attorney docket No. 2014.0810, US Patent Filing Application No. 14/516,824 dated 17 Oct. 2014

NATIONAL PUBLICATIONS (HEC Recognised)

Sr. No	Title of paper	Authors	Journal & country	Volume / year of publication
1	Investigations on Laser Induced Nickel and Titanium Plasmas	M. Khaleeq-ur-Rahman, A. Latif *, K.A. Bhatti, M.S. Rafique and M. K. Yousaf	Pakistan Journal of Engineering & applied sciences	Vol. 9, Jul., 2011 (28-33) [ISSN:1995-1302]
2	IR and Visible Radiation from laser induced silver plasma	M. Khaleeq ur Rahman, M. Shahid Rafique, Anwar Latif, K. Aslam Bhatti, Fayyaz Hussain	Pakistan Journal of Engineering & applied sciences	Vol. 2, Jan., 2008] 38–41 [ISSN:1995-1302]
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7	Differential Detection of Uranium and Thorium Mineralization in Kirana Hills (Pakistan) using SSNTDs and X-Ray Diffraction Techniques	Muhammad Attique Khan Shahid, M. Khaleeq ur Rahman, K. Hussain	Journal of Nat. Sc. & Math	38 No. 1&2, (P.P.71-76) [1998] [ISSN: 0022-2941]
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11	Ozone Concentration Measurements in Lahore (Pakistan)	K. Hussain, M. Khaleeq ur Rahman & Rakhshinda Jabeen	Journal of Nat. Sc. & Math	37 [1997][ISSN: 0022-2941]
12	Super Saturation Spectra of Deposition /Condensation Freezing Ice Nuclei	K. Hussain & M. Khaleeq ur Rahman	Journal of Nat. Sc. & Math	34. No.1, [P.P.131-143] [1994][ISSN: 0022-2941]
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Sr. No	Title of paper	Authors	Journal & country	Volume / year of publication
1.	X-Rays Emission from Laser Induced Copper Plasma under External Magnetic Field	M. Khaleeq ur Rahman, K. A. Bhatti, K. Siraj, A. Latif, M.s. Rafique, M. Shahzad and S. Sarfraz	Advanced Research in Physics & Engineering	[PP. 66 – 72] [ISSN:1790–5117]
2.	IR Irradiation Effects on Metals	Anwar Latif, Prof. Dr. M. Khaleeq ur Rahman, M. Shahid Rafique, Khursheed Aslam Bhatti	XXVI conference on Solid State Physics & Material Science & Workshop on Nano Technology [Egypt]	[2006]
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4.	Theoretical and Experimental Comparison of Splashing in deposition of Copper and Graphite Thin Films by PLD	M. Khaleeq ur Rahman, Muhammad Shahbaz Anwar, M. S. Rafique, H. Faiz and K. Siraj	SIPE International Symposium, Smart Materials Nano and Micro Smart Systems University of New South Walls Sydney Australia	5650, 328 [2005]
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2	Characterization of laser produced magnesium ions using CR-39 detectors	M. Khaleeq ur Rahman, Dilawar Ali, M. Z. Butt, Akhtar Hussain Ansari	Proceedings of PIP International Conference – 2009	P 44 – 48 [2009] [ISBN:969-9013-00-1]
3	Growth and characterization of thin film of AlN deposited by PLD technique	M. Khaleeq ur Rahman, M. Z. Butt, T. Saeed, M. S. Rafique, K. A. Bhatti	Proceedings of PIP International Conference – 2009	P 55 – 58 [2009] [ISBN:969-9013-00-1]
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5	Fabrication of gold nanoparticles by pulsed laser ablation	M. Khaleeq ur Rahman, K. Siraj, Saba Najeed Gondal, M. S. Rafique	Proceedings of PIP International Conference – 2009	P 163 – 167 [2009] [ISBN:969-9013-00-1]
6	Growth of amorphous carbon films using different deposition techniques	M. Khaleeq ur Rahman, Qurat-ul-Ain Ahmad, M. Iqbal	Proceedings of PIP International Conference – 2009	P 186 – 195 [2009] [ISBN:969-9013-00-1]
7	Laser irradiation effects on the hardness of Al 5086 alloy	M. Khaleeq ur Rahman, M. Z. Butt, Afsheen Samuel, K. A. Bhatti	Proceedings of PIP International Conference – 2009	P 196 – 207 [2009] [ISBN:969-9013-00-1]
8	Effect of substrate temperature on the characteristics of gold films deposited by pulsed laser deposition	M. Khaleeq ur Rahman, M. Z. Butt, Huma Ozair	Proceedings of PIP International Conference – 2009	P 222 – 229 [2009] [ISBN:969-9013-00-1]
09	Spatial Characterization of laser induced plasma expansion	M. Khaleeq ur Rahman, M. Shahid Rafique, M. Imran	Proceedings of PIP International Conference	P 45 – 54 [2006] [ISBN:969-9013-00-1]
10	Non uniform heat conduction in metals during interaction with laser	M. Shahbaz Anwar, M. Khaleeq ur Rahman, A. Latif, M. Iqbal, M. Shahid Rafique, Sofia Siddique	Proceedings of PIP International Conference	P 79 – 84 [2006] [ISBN:969-9013-00-1]
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13	XRD and SEM Analysis of Laser Irradiated Zinc	M. Shahid Rafique, M. Khaleeq ur Rahman, Saba Majeed, M. Imran, Khurshid Aslam	Proceedings of Second International Conference on Frontiers of Advanced Engineering Materials	P 223 – 230 [2006]
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19	Measurement of Ion energy spectra from deuterium Plasma Focus	M. S. Rafique M. Khaleeq ur Rahman, A. Patran, P. Lee, S. Lee	Presented in 27 th International Nathia Gali Conference	[2002]

INTERNATIONAL & NATIONAL INVITED TALKS

Sr. No	Title of paper	Authors	Journal & country	Volume / year of publication
1	INVITED TALK entitled Laser Induced Plasma and its applications	M. Khaleeq-ur-Rahman	International Workshop on Plasma Diagnostics & Applications 2009 (IWPDA2009) at National Institute of Education, Nanyang Technical University, Singapore	2-3 July, [2009]
2	INVITED TALK entitled “Radiations Effects on Polymers”	M. Khaleeq ur Rahman, M. Shahid Rafique, M. Shahbaz Anwar, Shabbir Hussain, Irfan Karamat & M. Imran	ATC/2005, Conference on Advanced Materials (CAM 2005) International Advanced Technology, Congress Malaysia	[PP. 1-8] [2005] [ISSN: 983-3455-50-2]
3.	INVITED TALK “Current Situation of Nanotechnology Research at UET, Lahore	M. Khaleeq-ur-Rahman	One Day National Meeting on “Nanotechnology Research in Pakistan at Centre for Solid State Physics, University of Punjab, Lahore	03 August, 2010
4.	INVITED TALK “Laser Ablation (review)”	M. Khaleeq-ur-Rahman	1 st National Conference on Radiation, Particles and Matter jointly organized by Rafi Muhammad Chaudhry Chair, CASP, GCU, Lahore & National Centre for Physics Islamabad	22–24 Dec. [2009]
5	INVITED TALK entitled “Applied Vacuum in Nano-Technology”	Dr. M. Khaleeq ur Rahman	Pakistan Vacuum Society, Islamabad	[2008]
6	INVITED TALK entitled “Development and Importance of Nanotechnology in Pakistan (Review)”	Dr. M. Khaleeq ur Rahman	Proceedings of Conference on Nano Science & Technology in Pakistan COMSAT Secretariat Islamabad under National Commission on Nano Science & Technology (NCNST), MOST, Islamabad.	[2005]