

List of Publications in Journals (corresponding author is shown by *):

Sr. #	Publication	Impact Factor	Citation (Google Scholar)
122	Muhammad Arif, Qamar Bashir, Masood Ahmad Siddiqui and Naeem Rashid* (2019) Molecular characterization of a highly efficient and thermostable phosphoribosyl anthranilate isomerase from <i>Geobacillus thermopakistaniensis</i> . Protein Expr Purif. (in press).	1.291	0
121	Muhammad Sulaiman Saeed and Naeem Rashid* (2019) Characterization of TK1646, a highly thermostable 3'–5' single strand specific exonuclease from <i>Thermococcus kodakarensis</i> . Int J Biol Macromol. 140:1194-1201 https://doi.org/10.1016/j.ijbiomac.2019.08.150	4.784	0
120	Abeera Shaeer, Mehwish Aslam and Naeem Rashid* (2019) A highly stable manganese-catalase from <i>Geobacillus thermopakistaniensis</i> : molecular cloning and characterization. Extremophiles. https://doi.org/10.1007/s00792-019-01124-5	2.046	0
119	Hira Muzammal, Qurat ul Ain, Muhammad Sulaiman Saeed and Naeem Rashid* (2019) Gene cloning and characterization of Tk1281, a flap endonuclease 1 from <i>Thermococcus kodakarensis</i> . Folia Microbiologica https://doi.org/10.1007/s12223-019-00745-9 .	1.448	0
118	Naseema Azim, Qurratulann Afza Gardner, Naeem Rashid , Muhammad Akhtar (2019) Mechanistic studies on <i>Pyrobaculum calidifontis</i> porphobilinogen synthase (5-aminolevulinic acid dehydratase). <i>Bioorg. Chem.</i> 91 :103117. https://doi.org/10.1016/j.bioorg.2019.103117 .	3.926	0
117	Nisar Ahmed Shakir, Tahira Bibi, Mehwish Aslam and Naeem Rashid* (2019) Biochemical characterization of a highly active ADP-dependent phosphofructokinase from <i>Thermococcus kodakarensis</i> . <i>J. Biosci. Bioeng.</i> https://doi.org/10.1016/j.jbiosc.2019.06.014	2.015	0
116	Naeem Rashid* and Mehwish Aslam (2019) An overview of twenty-five years of research on <i>Thermococcus kodakarensis</i> , a genetically versatile model organism for archaeal research. Folia Microbiologica. https://doi.org/10.1007/s12223-019-00730-2	1.311	0
115	Iqra Aroob, Nasir Ahmad, Mehwish Aslam, Abeera Shaeer, Naeem Rashid* (2019) A highly active α -cyclodextrin	2.074	0

	preferring cyclomaltodextrinase from <i>Geobacillus thermopakistanensis</i> . Carbohydr Res. 481:1–8. doi: 10.1016/j.carres.2019.06.004		
114	Sohaib Waraich, Nasir Ahmad, Usman Hameed, Saleem Haider & Naeem Rashid (2019) Molecular identification and characterization of lactic acid producing bacterial strains isolated from raw and traditionally processed foods of Punjab, Pakistan. Pak. J. Zoo. 51: 1145–1153. DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.3.1145.1153	0.547	0
113	Anam Tariq, Alina Gul, Majida A. Muhammad, Naeem Rashid* & Masood A Siddiqui (2019) Recombinant Tk0522, a carbohydrate esterase homologue from <i>Thermococcus kodakarensis</i> , does not require a signal sequence for translocation to periplasmic space in <i>Escherichia coli</i> . Biologia 74:899–904 https://doi.org/10.2478/s11756-019-00243-w	0.696	0
112	Naveed Shahzad, Iqra Hussain, Usman Shah Gilani, Asima Tayyeb, Muhammad Amir Aslam, Muhammad Khurshid, Umair Hassan, Fareeda Tasneem, Muhammd Umer & Naeem Rashid (2019) Merkel cell polyomavirus DNA sequences in the blood of healthy population of Pakistan. Future Microbiology https://doi.org/10.2217/fmb-2018-0314	3.19	0
111	Mehwish Akram and Naeem Rashid (2019) Inwardly rectifying potassium channels in Drosophila regulate the sleep/wake behaviour through PDF-neurons. Pak. J. Zoo. 51: 709-715	0.547	0
110	Shahid Mahmood Chohan, Naeem Rashid* , Muhammad Sajed and Tadayuki Imanaka (2019) Pcal_0970, an extremely thermostable L-asparaginase from <i>Pyrobaculum calidifontis</i> with no detectable glutaminase activity. Folia Microbiologica 64: 313-320. https://doi.org/10.1007/s12223-018-0656-6 .	1.311	0
109	Muhammad Arif, Naeem Rashid* , Sumera Perveen, Qamar Bashir and Muhammad Akhtar (2019) Extremely stable indole-3-glycerol-phosphate synthase from hyperthermophilic archaeon <i>Pyrococcus furiosus</i> . Extremophiles 23: 69-77. https://doi.org/10.1007/s00792-018-1061-4 .	2.046	2
108	Saadia Basheer, Naeem Rashid* , Muhammad Sohail Akram, and Muhammad Akhtar (2019) A highly stable laccase from <i>Bacillus subtilis</i> strain R5: Gene cloning and characterization. Biosci. Biotech. Biochem. 83(3):436-445 https://doi.org/10.1080/09168451.2018.1530097	1.2	0

107	Gilani US, Memoona, Rasheed A, Shahid M, Tasneem F, Arshad MI, Rashid N , Shahzad N (2019) The implication of CRISPR/Cas9 genome editing technology in combating human oncoviruses. <i>J. Med. Virol.</i> 91:1-13. doi: 10.1002/jmv.25292.	1.935	3
106	Anjum Shehzad, Nasir Ahmad, Zaheer Hussain, Muhammad S. Haider and Naeem Rashid* (2018) Valorization of waste foods using pullulan hydrolase from <i>Thermococcus kodakarensis</i> . <i>Amylase</i> 2:39-43		0
105	Iram Aziz, Tahira Bibi, Naeem Rashid* , Riku Aono, Haruyuki Atomi* and Muhammad Akhtar (2018) A phosphofructokinase homolog from <i>Pyrobaculum calidifontis</i> displays kinase activity towards pyrimidine nucleosides and ribose 1-phosphate. <i>J. Bacteriol.</i> 200 : e00284-18. (Manuscript selected for Spotlight in J. Bacteriol.)	3.143	2
104	Habib-ur-Rehman, Masood Ahmed Siddiqui*, Abdul Qayyum, Arifa Bano and Naeem Rashid (2018) Gene expression in <i>Escherichia coli</i> and purification of recombinant type II pullulanase from a hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> . <i>Pak. J. Zoo.</i> 50 : 1381-1386. DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.4.1381.1386	0.491	5
103	Sabah Mansoor, Muhammad Tayyab*, Amna Jawad, Bushra Munir, Sehrish Firyal, Ali Raza Awan, Naeem Rashid and Muhammad Wasim (2018) Refolding of misfolded inclusion bodies of recombinant α -amylase: characterization of cobalt activated thermostable α -amylase from <i>Geobacillus</i> SBS-4S. <i>Pak. J. Zoo.</i> 50 :1147-1155.	0.491	2
102	Shahid Mahmood Chohan and Naeem Rashid* (2018) Gene cloning and characterization of recombinant L-Asparaginase from <i>Bacillus subtilis</i> strain R5. <i>Biologia</i> 73:537-543. https://doi.org/10.2478/s11756-018-0054-1	0.759	1
101	J. Guo, A. R. Coker, S. P. Wood, J. B. Cooper*, R. M. Keegan, N. Ahmad, M. A. Muhammad, N. Rashid and M. Akhtar (2018) Structure and function of the type III pullulan hydrolase from <i>Thermococcus kodakarensis</i> . <i>Acta Cryst. D</i> 74 : 305-314.	2.114	5
100	Tahira Bibi, Musadiq Ali, Naeem Rashid* , Majida Atta Muhammad and Muhammad Akhtar (2018) Enhancement of gene expression in <i>Escherichia coli</i> and characterization of highly stable ATP-dependent glucokinase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> 22:247-257. https://doi.org/10.1007/s00792-017-0993-4	2.346	0

99	Fatima Ahsan, Qurratulann Afza Gardner, Naeem Rashid , Greg J. Towers, Muhammad Akhtar* (2018) Preventing the N-terminal processing of human interferon α -2b and its chimeric derivatives expressed in <i>Escherichia coli</i> . <i>Bioorganic Chemistry</i> 76:294-302. doi: 10.1016/j.bioorg.2017.11.016	3.231	3
98	Iram Aziz, Naeem Rashid* , Raza Ashraf, Masood Ahmed Siddiqui, Tadayuki Imanaka and Muhammad Akhtar (2018) Pcal_0632, a phosphorylating glyceraldehyde-3-phosphate dehydrogenase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> 22: 121-129. https://doi.org/10.1007/s00792-017-0982-7	2.346	0
97	J. Guo, A. R. Coker, S. P. Wood, J. B. Cooper*, S. M. Chohan, N. Rashid and M. Akhtar (2017) Structure and function of the thermostable L-asparaginase from <i>Thermococcus kodakarensis</i> . <i>Acta Cryst. D73</i> : 889-895. https://doi.org/10.1107/S2059798317014711 .	2.114	7
96	Raza Ashraf, Naeem Rashid* , Tamotsu Kanai, Tadayuki Imanaka and Muhammad Akhtar (2017) Pcal_1311, an alcohol dehydrogenase homologue from <i>Pyrobaculum calidifontis</i> , displays NADH-dependent high aldehyde reductase activity. <i>Extremophiles</i> 21(6):1101-1110. DOI: 10.1007/s00792-017-0970-y. http://rdcu.be/wEN4	2.346	2
95	Sumera Perveen, Naeem Rashid , Xiao-Feng Tang, Tadayuki Imanaka and Anastassios C. Papageorgiou* (2017) Anthranilate phosphoribosyltransferase from the hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> shows maximum activity with zinc and forms a unique dimeric structure. <i>FEBS Open Bio</i> 7: 1217-1230. doi: 10.1002/2211-5463.12264.	2.143	2
94	Munir Ahmad, Qurratul Ann Afza Gardner, Naeem Rashid , Muhammad Akhtar* (2017) Designing structural-motifs for the preparation of acylated proinsulin and their regiospecific conversion into insulin modified at Lys ²⁹ . <i>Bioorganic Chemistry</i> 73: 147-153.	3.231	0
93	Raza Ashraf, Majida Atta Muhammad, Naeem Rashid* and Muhammad Akhtar (2017) Cloning and characterization of thermostable GroEL/GroES homologues from <i>Geobacillus thermopakistaniensis</i> and their applications in protein folding. <i>J. Biotech.</i> 254: 9-16. http://dx.doi.org/10.1016/j.jbiotec.2017.05.023 .	2.667	0

92	Furqan Sabir, Muhammad Tayyab*, Bushra Muneer, Abu Saeed Hashmi, Ali Raza Awan, Naeem Rashid , Muhammad Wasim and Sehrish Firyal (2017) Characterization of recombinant thermostable phytase from <i>Thermotoga naphthophila</i> : a step for the fulfilment of domestic requirement of phytase in Pakistan. Pak. J. Zool. 49 : 1945-1951. DOI: http://dx.doi.org/10.17582/journal.pjz/2017.49.6.1945.1951	0.491	7
91	Majida Atta Muhammad, Samia Falak, Naeem Rashid* , Qurra-tul-Ann Afza Gardner, Nasir Ahmad, Tadayuki Imanaka and Muhammad Akhtar (2017) <i>Escherichia coli</i> signal peptidase recognizes and cleaves archaeal signal sequence. Biochemistry (Moscow) 82 : 821-825. DOI: 10.1134/S0006297917070070	1.421	2
90	Jingxu Guo, Wenling Zhang, Alun R. Coker, Steve P. Wood, Jonathan B. Cooper*, Shazeel Ahmad, Syed F. Ali, Naeem Rashid and Muhammad Akhtar (2017) Structure of the family B DNA polymerase from the hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> . Acta Cryst. D73 : 420-427. https://doi.org/10.1107/S2059798317004090 .	2.114	2
89	Saadia Basheer, Naeem Rashid* , Raza Ashraf, Muhammad Sohail Akram, Masood Ahmed Siddiqui, Tadayuki Imanaka and Muhammad Akhtar (2017) Identification of a novel copper activated and halide tolerant laccase in <i>Geobacillus thermopakistaniensis</i> . Extremophiles 21 : 563-571. DOI: 10.1007/s00792-017-0925-3	2.346	7
88	Iram Aziz, Naeem Rashid* , Raza Ashraf, Qamar Bashir, Tadayuki Imanaka and Muhammad Akhtar (2017) Pcal_0111, a highly thermostable bifunctional fructose-1,6-bisphosphate aldolase/phosphatase from <i>Pyrobaculum calidifontis</i> . Extremophiles 21 : 513-521. DOI: 10.1007/s00792-017-0921-7	2.346	3
87	N. Mills-Davies, D. Butler, E. Norton, D. Thompson, M. Sarwar, J. Guo, R. Gill, N. Azim, A. Coker, S. P. Wood, P. T. Erskine, L. Coates, J. B. Cooper*, N. Rashid , M. Akhtar and P. M. Shoolingin-Jordan (2017) Structural studies of substrate and product complexes of 5-aminolaevulinic acid dehydratase from humans, <i>Escherichia coli</i> and the hyperthermophile <i>Pyrobaculum calidifontis</i> . Acta Cryst. D73 : 9–21.	2.512	10
86	Raza Ashraf, Naeem Rashid* , Saadia Basheer, Iram Aziz, and Muhammad Akhtar (2017) Glutathione dependent formaldehyde dehydrogenase homologue from <i>Bacillus subtilis</i> strain R5 is a propanol preferring alcohol dehydrogenase. Biochemistry	1.421	2

	(Moscow) 82 : 13–23.		
85	Ayesha Pervaiz, Barizah Malik*, Naeem Rashid (2017) Enhancing soluble gene expression of α -amylase from <i>Bacillus licheniformis</i> and purification of recombinant protein. <i>Advances in Life Sciences</i> 7 : 5-10. DOI: 10.5923/j.als.20170701.02	0.46	0
84	Shahid Mahmood Chohan, Muhammad Atif Nisar, Naeem Rashid* , Ghazaleh Gharib, Qamar Bashir and Masood Ahmed Siddiqui (2017) TK1656, an L-asparaginase from <i>Thermococcus kodakarensis</i> , a novel candidate for therapeutic applications. <i>Biologia</i> 71 : 1315–1319.	0.759	0
83	Majida A Muhammad, Samia Falak, Naeem Rashid* , Nasir Ahmed, Qurra-tul-Ann A Gardner, Anam Tariq and Muhammad AKHTAR (2017) Complete signal peptide of Tk1884, an α -amylase from <i>Thermococcus kodakarensis</i> , is not necessary for extracellular secretion of the enzyme by <i>Escherichia coli</i> . <i>Amylase</i> 1 : 75-81.		1
82	Sumera Perveen, Naeem Rashid and Anastassios C. Papageorgiou* (2016) Crystal structure of a phosphoribosyl anthranilate isomerase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> . <i>Acta Cryst.</i> F72 : 804–812.	0.647	2
81	Saba Riaz*, Muhammad Faisal Bashir, Saleem Haider and Naeem Rahid (2016) Association of genotypes with viral load and biochemical markers in HCV-infected Sindhi patients. <i>Braz. J. Microbiol.</i> 47 : 980–986.	0.592	9
80	Tahira Bibi, Sumera Perveen, Iram Aziz, Qamar Bashir, Naeem Rashid* , Tadayuki Imanaka, Muhammad Akhtar (2016) Pcal_1127, a highly stable and efficient ribose-5-phosphate pyrophosphokinase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> 20 : 821–830. DOI:10.1007/s00792-016-0869-z	2.346	5
79	Sumaira Mehboob, Nasir Ahmad, Naeem Rashid* , Tadayuki Imanaka, Muhammad Akhtar (2016) Pcal_0768, a hyperactive 4- α -glucanotransferase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> 20 : 559–566.	2.346	0
78	Shahzada Nadeem Abbas, Kenneth Hun Mok, Naeem Rashid , Yongjing Xie, Manuel Ruether, John O 'Brien, and Muhammad Akhtar* (2016) NMR studies on mechanism of isomerisation of fructose 6-phosphate to glucose 6-phosphate catalysed by phosphoglucose isomerase from <i>Thermococcus kodakarensis</i> .	2.152	3

	Bioorganic Chemistry. 66 : 41–45.		
77	Ayesha Mazhar, Farrukh Jamil, Qamar Bashir, Munawar Saleem Ahmad, Misbah Masood, Imrana Tanvir, Naeem Rashid , Abdul Waheed, Muhammad Naveed Afzal, Muhammad Akram Tariq* (2016) Genetic variants in FGFR2 and TNRC9 genes are associated with breast cancer risk in Pakistani women. Mol. Med. Rep. 14 : 3443–3451. DOI: 10.3892/mmr.2016.5633	1.5	9
76	Ghazaleh Gharib, Naeem Rashid* , Qamar Bashir, Qurra-tul-Ann Afza Gardner, Muhammad Akhtar and Tadayuki Imanaka (2016) Pcal_1699, an extremely thermostable malate dehydrogenase from hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> . Extremophiles. 20 : 57–67. 10.1007/s00792-015-0797-3.	2.346	10
75	Amina Arif, Naeem Rashid* , Farheen Aslam, Nasir Mahmood and Muhammad Akhtar (2016) Biased expression, under the control of single promoter, of human interferon α -2b and <i>Escherichia coli</i> methionine amino peptidase genes in <i>E. coli</i> , irrespective of their distance from the promoter. Pak. J. Pharm. Sci. 29 : 375–379.	0.682	2
74	Amina Arif, Qura-tul-Ann Afza Gardner, Naeem Rashid* and Muhammad Akhtar (2015) Production of human interferon alpha-2b in <i>Escherichia coli</i> and removal of N-terminal methionine utilizing archaeal methionine aminopeptidase. Biologia 70 : 982–987.	0.827	4
73	Nasir Ahmad, Sumaira Mehboob and Naeem Rashid* (2015) Starch-processing enzymes – emphasis on thermostable 4- α -glucanotransferases. Biologia 70 : 709–725.	0.827	4
72	Muhammad Tayyab, Naeem Rashid* , Clement Angkawidjaja, Shigenori Kanaya, Muhammad Wasim, Ali Raza Awan, Sehrish Firyal, Tahir Yaqub and Masood Ahmed Siddiqui (2015) Hydrophobic interactions induced activation of a thermo-alkalophilic lipase from <i>Geobacillus</i> SBS-4S by molecular dynamics simulations. J. Chem. Soci. Pak. 37 : 1030–1032.	0.612	0
71	Masood Ahmed Siddiqui*, Habib-ur-Rehman and Naeem Rashid (2014) Gene Cloning and Characterization of a Type II pullulanase hydrolase from a hyperthermophilic archaeon,	0.309	5

	<i>Pyrobaculum calidifontis</i> . Pak. J. Zool. 46 :1077–1084.		
70	Amina Arif, Naeem Rashid* , Nasir Mahmood and Muhammad Akhtar (2014) Expression of human interferon α -2b and <i>Escherichia coli</i> methionine aminopeptidase genes in a single host using two incompatible plasmids. Pak. J. Zool. 46 : 983–987.	0.309	0
69	Masood Ahmed Siddiqui, Naeem Rashid , Saravanaraj Ayyampalayam, and William Whitman* (2014) Draft genome sequence of <i>Geobacillus thermopakistaniensis</i> strain MAS1. Genome Announc. 2 (3): e00559-14. pii:e00559-14. doi:10.1128/genomeA.00559-14.	1.4	10
68	Fatima Ahsan, Amina Arif, Nasir Mahmood, Qurra-tul Ann Afza Gardner, Naeem Rashid and Muhammad Akhtar* (2014) Characterization and bioassay of post-translationally modified interferon α -2b expressed in <i>Escherichia coli</i> . J. Biotechnol. 184 : 11–16.	3.183	12
67	Anmbreen Jamroze, Giuseppe Perugino, Anna Valenti, Naeem Rashid , Mosè Rossi, Muhammad Akhtar and Maria Ciaramella* (2014) The reverse gyrase form <i>Pyrobaculum calidifontis</i> , a novel extremely thermophilic DNA topoisomerase endowed with DNA unwinding and annealing activities. <i>J. Biol. Chem.</i> 289 : 3231–3243. doi: 10.1074/jbc.M113.517649.	4.773	13
66	Shahzada Nadeem Abbas, Naeem Rashid* , Iram Aziz and Muhammad Akhtar (2013) Molecular cloning and characterization of TK1111, a cupin-type phosphoglucose isomerase from <i>Thermococcus kodakarensis</i> . <i>Turk. J. Biochem.</i> 38 : 438–444.	0.23	1
65	Nasir Ahmad, Naeem Rashid* , Saleem Haider, Mehwish Akram and Muhammad Akhtar (2014) A novel maltotriose hydrolyzing thermo-acidophilic pullulan hydrolase type III from <i>Thermococcus kodakarensis</i> . <i>Appl. Environ. Microbiol.</i> 80 : 1108–1115.	3.678	23
64	Farheen Aslam, Qurra-tul Ann Afza Gardner, Hina Zain, Muhammad Shahid Nadeem, Muhammad Ali, Naeem Rashid and Muhammad Akhtar* (2013) Studies on the expression and processing of human proinsulin derivatives encoded by different	3.635	8

	DNA constructs. <i>Biochim. Biophys. Acta</i> 1834 : 2116–2123.		
63	Faisal Bashir, Saleem Haider, Naeem Rashid and Saba Riaz* (2013) Association of biochemical markers, hepatitis C virus and diabetes mellitus in Pakistani males. <i>Trop. J. Pharm. Res.</i> 12 : 845-850.	0.82	7
62	Faisal Bashir, Saleem Haider, Naeem Rashid and Saba Riaz* (2013) Core gene expression and association of genotypes with viral load in HCV infected patients of Punjab Pakistan. <i>Trop. J. Pharm. Res.</i> 12 : 335-341.	0.82	5
61	Nouman Rasool, Naeem Rashid *, Qamar Bashir and Masood Ahmed Siddiqui (2013) Proteolytic inventory of <i>Thermococcus kodakaraensis</i> . <i>Afr. J. Microbiol. Res.</i> 7 : 3139-3150.	0.533	2
60	Barizah Malik, Naeem Rashid *, Nasir Ahmad and Muhammad Akhtar (2013) <i>Escherichia coli</i> signal peptidase recognizes and cleaves the signal sequence of α -amylase originated from <i>Bacillus licheniformis</i> . <i>Biochemistry (Moscow)</i> 78 : 958-962.	1.149	5
59	Masood Ahmed Siddiqui*, Naeem Rashid and Habib-ur-Rehman (2013) Truncated Type II isopentenyl diphosphate isomerase from hyperthermophilic Archaeon <i>Thermococcus kodakaraensis</i> implicates the necessity of its N-terminal amino acid residues in protein thermostability. <i>Pak. J. Pharm. Sci.</i> 26 : 733-740.	1.103	0
58	Shahid Mahmood Chohan and Naeem Rashid * (2013) TK1656, a thermostable L-asparaginase from <i>Thermococcus kodakaraensis</i> , exhibiting highest ever reported enzyme activity. <i>J. Biosci. Bioeng.</i> 116 : 438-443.	1.749	44
57	Muhammad Tayyab, Naeem Rashid *, Clement Angkawidjaja, Shigenori Kanaya and Muhammd Akhtar (2013) Crystallization and X-ray diffraction analysis of thermo-alkalophilic lipase from <i>Geobacillus</i> SBS-4S. <i>Acta Cryst.</i> F69 : 355-357.	0.51	1
56	M. Atif Nisar, Naeem Rashid *, Qamar Bashir, Qurat-ul-Ann Afza Gardner, M. Hassan Shafiq, and Muhammad Akhtar (2013) TK1299, a highly thermostable NAD(P)H oxidase from <i>Thermococcus kodakaraensis</i> exhibiting higher enzymatic activity with NADPH. <i>J. Biosci. Bioeng.</i> 116 : 39-44.	1.749	6

55	Ikram Ul Haq*, Mahmood Ali Khan, Bushra Muneer, Zahid Hussain, Sumra Afzal, Sana Majeed, Naeem Rashid , M. Mohsin Javed and Ishtiaq Ahmad (2012) Cloning, characterization and molecular docking of a highly thermostable β -1,4-glucosidase from <i>Thermotoga petrophila</i> . <i>Biotechnol. Lett.</i> , 34 : 1703-1709.	1.636	21
54	Kausar Malik*, Khalid Pervaiz Lone, Amjad Farooq, Asmat Ullah, Shagufta Andleeb, Muhammad Ali Talpur, Naeem Rashid , Nakhshab Choudhary and Khadija Awan (2012) Rapeseed meal feeding effects on total proteins and lipids of Japanese Quail. <i>Afr. J. Microbiol. Res.</i> 6 : 5582-5586	0.533	0
53	Muhammad Faisal Bashir, Muhammad Saleem Haider, Naeem Rashid and Saba Riaz* (2012) Distribution of hepatitis C virus (HCV) genotypes in different remote cities of Pakistan. <i>Afr. J. Microbiol. Res.</i> 6 : 4747-4751.	0.533	7
52	Khalid Mahmood, Mateen Izhar, Nakhshab Choudhry, Ghulam Mujtaba and Naeem Rashid* (2012) Emergence of Extended-spectrum β -lactamase producing <i>Salmonella typhi</i> in Pakistan. <i>Afr. J. Microbiol. Res.</i> 6 : 793-797.	0.533	7
51	Nakhshab Choudhry, Saeed Ahmed Nagra, Tahir Shafi, Ghulam Mujtaba, Muhammad Abiodullah and Naeem Rashid* (2012) Lack of association of insertion/deletion polymorphism in angiotensin converting enzyme gene with nephropathy in type 2 diabetic patients in Punjabi population of Pakistan. <i>Afr. J. Biotech.</i> 11 :1484-1489.	0.573	3
50	Naeem Rashid* , Saira Hameed, Masood Ahmed Siddiqui and Ikram-ul-Haq (2011) Gene cloning and characterization of NADH oxidase from <i>Thermococcus kodakarensis</i> . <i>Afr. J. Biotech.</i> 10 : 17916-17924.	0.573	3
49	Muhammad Shahid Nadeem, Naeem Rashid* , Muzaffar Iqbal, Qurra-tul-Ann Afza Gardner and Muhammad Akhtar (2011) First cloning and characterization of aspartate aminotransferase from river buffalo (<i>Bubalus bubalis</i>). <i>Biologia</i> 66 : 1202-1210.	0.617	2
48	Syed Farhat Ali, Naeem Rashid* , Tadayuki Imanaka and Mohammad Akhtar (2011) Family B DNA polymerase from a hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> : cloning,	1.749	4

	characterization and PCR application. <i>J. Biosci. Bioeng.</i> 112 : 118-123.		
47	Naeem Rashid* , Saira Akmal, and Muhammad Akhtar (2011) Gene Cloning and Characterization of TK1392, an NADH oxidase from <i>Thermococcus kodakaraensis</i> with a distinct C-terminal domain. <i>Turk. J. Biochem.</i> 36 : 107-115.	0.274	3
46	Nouman Rasool, Naeem Rashid* , Muhammad Arshad Javed and M. Saleem Haider (2011) Requirement of pro-peptide in proper folding of subtilisin-like serine protease TK0076. <i>Pak. J. Bot.</i> 43 : 2059-2065.	0.947	0
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- 3)** Toshiaki Fukui, **Naeem Rashid**, Hiroyuki Imanaka, Tamotsu Kanai, Haruyuki Atomi, and Tadayuki Imanaka. Genome analysis of *Thermococcus kodakaraensis* KOD1 and isolation of novel fructose 1,6-bisphosphatase. Proceedings of the 15th Annual Meeting of Japan Society of Archaea. Hamamatsu, Shizuoka, Japan. July 2002.
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