

**List of Publications in Journals with Impact Factor** (corresponding author is shown by \*):

Sr. #	Publication	Impact Factor	Citation (Google Scholar)
98	Iram Aziz, Tahira Bibi, <b>Naeem Rashid*</b> , 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. J. Bacteriol. <b>200</b> : e00284-18. <b>(Manuscript selected for Spotlight in J. Bacteriol.)</b>	3.143	0
97	Habib-ur-Rehman, Masood Ahmed Siddiqui*, Abdul Qayyum, Arifa Bano and <b>Naeem Rashid</b> (2018) Gene expression in <i>Escherichia coli</i> and purification of recombinant type II pullulanase from a hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> . Pak. J. Zoo. <b>50</b> : 1381-1386. DOI: <a href="http://dx.doi.org/10.17582/journal.pjz/2018.50.4.1381.1386">http://dx.doi.org/10.17582/journal.pjz/2018.50.4.1381.1386</a>	0.491	0
96	Sabah Mansoor, Muhammad Tayyab*, Amna Jawad, Bushra Munir, Sehrish Firyal, Ali Raza Awan, <b>Naeem Rashid</b> and Muhammad Wasim (2018) Refolding of misfolded inclusion bodies of recombinant $\alpha$ -amylase: characterization of cobalt activated thermostable $\alpha$ -amylase from <i>Geobacillus</i> SBS-4S. Pak. J. Zoo. <b>50</b> :1147-1155.	0.491	0
95	Shahid Mahmood Chohan and <b>Naeem Rashid*</b> (2018) Gene cloning and characterization of recombinant L-Asparaginase from <i>Bacillus subtilis</i> strain R5. Biologia (in press). <a href="https://doi.org/10.2478/s11756-018-0054-1">https://doi.org/10.2478/s11756-018-0054-1</a>	0.759	0
94	J. Guo, A. R. Coker, S. P. Wood, J. B. Cooper*, R. M. Keegan, N. Ahmad, M. A. Muhammad, <b>N. Rashid</b> and M. Akhtar (2018) Structure and function of the type III pullulan hydrolase from <i>Thermococcus kodakarensis</i> . <i>Acta Cryst. D</i> <b>74</b> : 305-314.	2.114	0
93	Tahira Bibi, Musadiq Ali, <b>Naeem Rashid*</b> , 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> <b>22</b> :247-257. <a href="https://doi.org/10.1007/s00792-017-0993-4">https://doi.org/10.1007/s00792-017-0993-4</a>	2.346	0
92	Fatima Ahsan, Qurratulann Afza Gardner, <b>Naeem Rashid</b> , Greg J. Towers, Muhammad Akhtar* (2018) Preventing the N-terminal processing of human interferon $\alpha$ -2b and its chimeric derivatives expressed in <i>Escherichia coli</i> . <i>Bioorganic Chemistry</i> <b>76</b> :294-302. doi: 10.1016/j.bioorg.2017.11.016	3.231	1
91	Iram Aziz, <b>Naeem Rashid*</b> , Raza Ashraf, Masood Ahmed Siddiqui, Tadayuki Imanaka and Muhammad Akhtar (2018)	2.346	0

	Pcal_0632, a phosphorylating glyceraldehyde-3-phosphate dehydrogenase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> 22: 121-129. <a href="https://doi.org/10.1007/s00792-017-0982-7">https://doi.org/10.1007/s00792-017-0982-7</a>		
90	J. Guo, A. R. Coker, S. P. Wood, J. B. Cooper*, S. M. Chohan, <b>N. Rashid</b> and M. Akhtar (2017) Structure and function of the thermostable L-asparaginase from <i>Thermococcus kodakarensis</i> . <i>Acta Cryst. D73</i> : 889-895. <a href="https://doi.org/10.1107/S2059798317014711">https://doi.org/10.1107/S2059798317014711</a> .	2.114	0
89	Raza Ashraf, <b>Naeem Rashid*</b> , 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. <a href="http://rdcu.be/wEN4">http://rdcu.be/wEN4</a>	2.346	1
88	Sumera Perveen, <b>Naeem Rashid</b> , Xiao-Feng Tang, Tadayuki Imanaka and Anastassios C. Papageorgiou* (2017) Crystal structure and functional characterization of an anthranilate phosphoribosyltransferase from the hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> . <i>FEBS Open Bio</i> 7: 1217-1230. doi: 10.1002/2211-5463.12264.	2.143	0
87	Munir Ahmad, Quratul Ann Afza Gardner, <b>Naeem Rashid</b> , Muhammad Akhtar* (2017) Designing structural-motifs for the preparation of acylated proinsulin and their regiospecific conversion into insulin modified at Lys <sup>29</sup> . <i>Bioorganic Chemistry</i> 73: 147-153.	3.231	0
86	Raza Ashraf, Majida Atta Muhammad, <b>Naeem Rashid*</b> and Muhammad Akhtar (2017) Cloning and characterization of thermostable GroEL/GroES homologues from <i>Geobacillus thermopakistanensis</i> and their applications in protein folding. <i>J. Biotech.</i> 254: 9-16. <a href="http://dx.doi.org/10.1016/j.jbiotec.2017.05.023">http://dx.doi.org/10.1016/j.jbiotec.2017.05.023</a> .	2.667	0
85	Furqan Sabir, Muhammad Tayyab*, Bushra Muneer, Abu Saeed Hashmi, Ali Raza Awan, <b>Naeem Rashid</b> , 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. <i>Pak. J. Zool.</i> 49: 1945-1951. DOI: <a href="http://dx.doi.org/10.17582/journal.pjz/2017.49.6.1945.1951">http://dx.doi.org/10.17582/journal.pjz/2017.49.6.1945.1951</a>	0.491	1
84	Majida Atta Muhammad, Samia Falak, <b>Naeem Rashid*</b> , Quratul-Ann Afza Gardner, Nasir Ahmad, Tadayuki Imanaka and Muhammad Akhtar (2017) <i>Escherichia coli</i> signal peptidase recognizes and cleaves archaeal signal sequence. <i>Biochemistry (Moscow)</i> 82: 821-825. DOI: 10.1134/S0006297917070070	1.421	1
83	Jingxu Guo, Wenling Zhang, Alun R. Coker, Steve P. Wood,	2.114	1

	Jonathan B. Cooper*, Shazeel Ahmad, Syed F. Ali, <b>Naeem Rashid</b> and Muhammad Akhtar (2017) Structure of the family B DNA polymerase from the hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> . Acta Cryst. <b>D73</b> : 420-427. <a href="https://doi.org/10.1107/S2059798317004090">https://doi.org/10.1107/S2059798317004090</a> .		
82	Saadia Basheer, <b>Naeem Rashid*</b> , 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 <b>21</b> : 563-571. DOI: 10.1007/s00792-017-0925-3	2.346	2
81	Iram Aziz, <b>Naeem Rashid*</b> , 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 <b>21</b> : 513-521. DOI: 10.1007/s00792-017-0921-7	2.346	2
80	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*, <b>N. Rashid</b> , 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. <b>D73</b> : 9–21.	2.512	5
79	Raza Ashraf, <b>Naeem Rashid*</b> , 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 (Moscow) <b>82</b> : 13–23.	1.421	1
78	Shahid Mahmood Chohan, Muhammad Atif Nisar, <b>Naeem Rashid*</b> , Ghazaleh Gharib, Qamar Bashir and Masood Ahmed Siddiqui (2016) TK1656, an L-asparaginase from <i>Thermococcus kodakarensis</i> , a novel candidate for therapeutic applications. Biologia <b>71</b> : 1315–1319.	0.759	0
77	Sumera Perveen, <b>Naeem Rashid</b> and Anastassios C. Papageorgiou* (2016) Crystal structure of a phosphoribosyl anthranilate isomerase from the hyperthermophilic archaeon <i>Thermococcus kodakaraensis</i> . Acta Cryst. <b>F72</b> : 804–812.	0.647	1
76	Saba Riaz*, Muhammad Faisal Bashir, Saleem Haider and <b>Naeem Rashid</b> (2016) Association of genotypes with viral load and biochemical markers in HCV-infected Sindhi patients. Braz. J. Microbiol. <b>47</b> : 980–086.	0.592	6
75	Tahira Bibi, Sumera Perveen, Iram Aziz, Qamar Bashir, <b>Naeem Rashid*</b> , Tadayuki Imanaka, Muhammad Akhtar (2016) Pcal_1127, a highly stable and efficient ribose-5-	2.346	5

	phosphate pyrophosphokinase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> <b>20</b> : 821–830. DOI:10.1007/s00792-016-0869-z		
74	Sumaira Mehboob, Nasir Ahmad, <b>Naeem Rashid*</b> , Tadayuki Imanaka, Muhammad Akhtar (2016) Pcal_0768, a hyperactive 4- $\alpha$ -glucanotransferase from <i>Pyrobaculum calidifontis</i> . <i>Extremophiles</i> <b>20</b> : 559–566.	2.346	0
73	Shahzada Nadeem Abbas, Kenneth Hun Mok, <b>Naeem Rashid</b> , 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> . <i>Bioorganic Chemistry</i> . <b>66</b> : 41–45.	2.152	2
72	Ayesha Mazhar, Farrukh Jamil, Qamar Bashir, Munawar Saleem Ahmad, Misbah Masood, Imrana Tanvir, <b>Naeem Rashid</b> , 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. <i>Mol. Med. Rep.</i> <b>14</b> : 3443–3451. DOI: 10.3892/mmr.2016.5633	1.5	4
71	Ghazaleh Gharib, <b>Naeem Rashid*</b> , 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> . <i>Extremophiles</i> . <b>20</b> : 57–67. 10.1007/s00792-015-0797-3.	2.346	7
70	Amina Arif, <b>Naeem Rashid*</b> , Farheen Aslam, Nasir Mahmood and Muhammad Akhtar (2016) Biased expression, under the control of single promoter, of human interferon $\alpha$ -2b and <i>Escherichia coli</i> methionine amino peptidase genes in <i>E. coli</i> , irrespective of their distance from the promoter. <i>Pak. J. Pharm. Sci.</i> <b>29</b> : 375–379.	0.682	1
69	Amina Arif, Qura-tul-Ann Afza Gardner, <b>Naeem Rashid*</b> 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. <i>Biologia</i> <b>70</b> : 982–987.	0.827	2
68	Nasir Ahmad, Sumaira Mehboob and <b>Naeem Rashid*</b> (2015) Starch-processing enzymes – emphasis on thermostable 4- $\alpha$ -glucanotransferases. <i>Biologia</i> <b>70</b> : 709–725.	0.827	2
67	Muhammad Tayyab, <b>Naeem Rashid*</b> , Clement Angkawidjaja, Shigenori Kanaya, Muhammad Wasim, Ali Raza Awan, Sehrish Firyal, Tahir Yaqub and Masood Ahmed Siddiqui	0.612	0

	(2015) Hydrophobic interactions induced activation of a thermo-alkalophilic lipase from <i>Geobacillus</i> SBS-4S by molecular dynamics simulations. <i>J. Chem. Soci. Pak.</i> <b>37</b> : 1030–1032.		
66	Masood Ahmed Siddiqui*, Habib-ur-Rehman and <b>Naeem Rashid</b> (2014) Gene Cloning and Characterization of a Type II pullulanase hydrolase from a hyperthermophilic archaeon, <i>Pyrobaculum calidifontis</i> . <i>Pak. J. Zool.</i> <b>46</b> :1077–1084.	0.309	2
65	Amina Arif, <b>Naeem Rashid</b> *, Nasir Mahmood and Muhammad Akhtar (2014) Expression of human interferon $\alpha$ -2b and <i>Escherichia coli</i> methionine aminopeptidase genes in a single host using two incompatible plasmids. <i>Pak. J. Zool.</i> <b>46</b> : 983–987.	0.309	0
64	Masood Ahmed Siddiqui, <b>Naeem Rashid</b> , Saravanaraj Ayyampalayam, and William Whitman* (2014) Draft genome sequence of <i>Geobacillus thermopakistaniensis</i> strain MAS1. <i>Genome Announc.</i> <b>2</b> (3): e00559-14. pii:e00559-14. doi:10.1128/genomeA.00559-14.	1.4	7
63	Fatima Ahsan, Amina Arif, Nasir Mahmood, Qurra-tul Ann Afza Gardner, <b>Naeem Rashid</b> and Muhammad Akhtar* (2014) Characterization and bioassay of post-translationally modified interferon $\alpha$ -2b expressed in <i>Escherichia coli</i> . <i>J. Biotechnol.</i> <b>184</b> : 11–16.	3.183	6
62	Anmbreen Jamroze, Giuseppe Perugino, Anna Valenti, <b>Naeem Rashid</b> , Mosè Rossi, Muhammad Akhtar and Maria Ciaramella* (2013) 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> <b>289</b> : 3231–3243. doi: 10.1074/jbc.M113.517649.	4.773	9
61	Shahzada Nadeem Abbas, <b>Naeem Rashid</b> *, 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> <b>38</b> : 438–444.	0.23	1
60	Nasir Ahmad, <b>Naeem Rashid</b> *, Saleem Haider, Mehwish Akram and Muhammad Akhtar (2014) A novel maltotriose	3.678	13

	hydrolyzing thermo-acidophilic pullulan hydrolase type III from <i>Thermococcus kodakarensis</i> . Appl. Environ. Microbiol. 80 1108-1115.		
59	Farheen Aslam, Qurra-tul Ann Afza Gardner, Hina Zain, Muhammad Shahid Nadeem, Muhammad Ali, <b>Naeem Rashid</b> and Muhammad Akhtar* (2013) Studies on the expression and processing of human proinsulin derivatives encoded by different DNA constructs. Biochim. Biophys. Acta <b>1834</b> : 2116–2123.	3.635	6
58	Faisal Bashir, Saleem Haider, <b>Naeem Rashid</b> and Saba Riaz* (2013) Association of biochemical markers, hepatitis C virus and diabetes mellitus in Pakistani males. Trop. J. Pharm. Res. <b>12</b> : 845-850.	0.82	6
57	Faisal Bashir, Saleem Haider, <b>Naeem Rashid</b> and Saba Riaz* (2013) Core gene expression and association of genotypes with viral load in HCV infected patients of Punjab Pakistan. Trop. J. Pharm. Res. <b>12</b> : 335-341.	0.82	4
56	Nouman Rasool, <b>Naeem Rashid</b> *, Qamar Bashir and Masood Ahmed Siddiqui (2013) Proteolytic inventory of <i>Thermococcus kodakaraensis</i> . Afr. J. Microbiol. Res. <b>7</b> : 3139-3150.	0.533	2
55	Barizah Malik, <b>Naeem Rashid</b> *, Nasir Ahmad and Muhammad Akhtar (2013) <i>Escherichia coli</i> signal peptidases recognize and cleave the signal sequence of $\alpha$ -amylase originated from <i>Bacillus licheniformis</i> . Biochemistry (Moscow) <b>78</b> : 958-962.	1.149	3
54	Masood Ahmed Siddiqui*, <b>Naeem Rashid</b> 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. Pak. J. Pharm. Sci. <b>26</b> : 733-740.	1.103	0
53	Shahid Mahmood Chohan and <b>Naeem Rashid</b> * (2013) TK1656, a thermostable L-asparaginase from <i>Thermococcus kodakaraensis</i> , exhibiting highest ever reported enzyme	1.749	28

	activity. <i>J. Biosci. Bioeng.</i> 116: 438-443.		
52	Muhammad Tayyab, <b>Naeem Rashid*</b> , 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> <b>F69</b> : 355-357.	0.51	1
51	M. Atif Nisar, <b>Naeem Rashid*</b> , 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> <b>116</b> : 39-44.	1.749	3
50	Ikram Ul Haq*, Mahmood Ali Khan, Bushra Muneer, Zahid Hussain, Sumra Afzal, Sana Majeed, <b>Naeem Rashid</b> , M. Mohsin Javed and Ishtiaq Ahmad (2012) Cloning, characterization and molecular docking of a highly thermostable $\beta$ -1,4-glucosidase from <i>Thermotoga petrophila</i> . <i>Biotechnol. Lett.</i> , <b>34</b> : 1703-1709.	1.636	13
49	Kausar Malik*, Khalid Pervaiz Lone, Amjad Farooq, Asmat Ullah, Shagufta Andleeb, Muhammad Ali Talpur, <b>Naeem Rashid</b> , Nakhshab Choudhary and Khadija Awan (2012) Rapeseed meal feeding effects on total proteins and lipids of Japanese Quail. <i>Afr. J. Microbiol. Res.</i> <b>6</b> : 5582-5586	0.533	0
48	Muhammad Faisal Bashir, Muhammad Saleem Haider, <b>Naeem Rashid</b> and Saba Riaz* (2012) Distribution of hepatitis C virus (HCV) genotypes in different remote cities of Pakistan. <i>Afr. J. Microbiol. Res.</i> <b>6</b> : 4747-4751.	0.533	7
47	Khalid Mahmood, Mateen Izhar, Nakhshab Choudhry, Ghulam Mujtaba and <b>Naeem Rashid*</b> (2012) Emergence of Extended-spectrum $\beta$ -lactamase producing <i>Salmonella typhi</i> in Pakistan. <i>Afr. J. Microbiol. Res.</i> <b>6</b> : 793-797.	0.533	7
46	Nakhshab Choudhry, Saeed Ahmed Nagra, Tahir Shafi, Ghulam Mujtaba, Muhammad Abiodullah and <b>Naeem Rashid*</b> (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.</i>	0.573	1

	<i>J. Biotech.</i> <b>11</b> :1484-1489.		
45	<b>Naeem Rashid*</b> , 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> <b>10</b> : 17916-17924.	0.573	2
44	Muhammad Shahid Nadeem, <b>Naeem Rashid*</b> , 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> <b>66</b> : 1202-1210.	0.617	2
43	Syed Farhat Ali, <b>Naeem Rashid*</b> , Tadayuki Imanaka and Mohammad Akhtar (2011) Family B DNA polymerase from a hyperthermophilic archaeon <i>Pyrobaculum calidifontis</i> : cloning, characterization and PCR application. <i>J. Biosci. Bioeng.</i> <b>112</b> : 118-123.	1.749	4
42	<b>Naeem Rashid*</b> , 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> <b>36</b> : 107-115.	0.274	2
41	Nouman Rasool, <b>Naeem Rashid*</b> , 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> <b>43</b> : 2059-2065.	0.947	0
40	M. Saleem Haider*, Shahid Afghan, Haroon Riaz, M. Tahir, M. Arshad Javed, <b>Naeem Rashid</b> and Javed Iqbal (2011) Identification of two Sugarcane mosaicvirus (SCMV) variants from naturally infected sugarcane crop in Pakistan. <i>Pak. J. Bot.</i> <b>43</b> : 1157-1162.	0.947	8
39	Muhammad Tayyab, <b>Naeem Rashid*</b> , and Muhammd Akhtar (2011) Isolation and identification of lipase producing thermophilic <i>Geobacillus</i> sp. SBS-4S: cloning and characterization of the lipase. <i>J. Biosci. Bioeng.</i> <b>111</b> : 272-278.	1.749	35
38	Muhammad Tayyab, <b>Naeem Rashid*</b> , Clement Angkawidjaja,	1.749	5



	Shigenori Kanaya and Muhammd Akhtar (2011) Highly active metalloprotease from newly isolated <i>Geobacillus</i> strain SBS-4S: cloning and characterization. <i>J. Biosci. Bioeng.</i> <b>111</b> : 259-265.		
37	Amir Jalal, <b>Naeem Rashid*</b> , Nasir Ahmed, Saima Iftikhar and Muhammad Akhtar (2011) <i>Escherichia coli</i> signal peptidase recognizes and cleaves the signal sequence of xylanase from a newly isolated <i>Bacillus subtilis</i> strain R5. <i>Biochemistry (Moscow)</i> <b>76</b> : 347-349.	1.327	5
36	Farrukh Jamil, <b>Naeem Rashid*</b> , Qurra-tul-Ann Afza Gardner and Muhammad Akhtar (2011) Gene cloning and characterization of glycine oxidase from newly isolated <i>Bacillus subtilis</i> strain R5. <i>Biologia</i> <b>66</b> :1-7.	0.617	1
35	Hooria Younas, Qurra-tul-Ann Afza Gardner, <b>Naeem Rashid</b> , J. Neville Wright and Muhammad Akhtar* (2011) Conformational transmission in proinsulin and its derivatives: A study using H/D exchange. <i>Int. J. Mass Spectrom.</i> <b>302</b> : 36-43.	2.549	2
34	Farrukh Jamil, Qurra-tul-Ann Afza Gardner, Qamar Bashir, <b>Naeem Rashid</b> and Muhammad Akhtar* (2010) Mechanistic and stereochemical studies of glycine oxidase from <i>Bacillus subtilis</i> strain R5. <i>Biochemistry</i> <b>49</b> : 7377-7383.	3.379	5
33	<b>Naeem Rashid*</b> , Masood Ahmed Siddiqui, M. Saleem Haider, and M. Arshad Javed (2010) Crystallization of Fructose 1,6-bisphosphatase from the Hyperthermophilic Archaeon <i>Thermococcus kodakaraensis</i> . <i>Pak. J. Bot.</i> <b>42</b> : 2313-2316.	0.947	0
32	Nouman Rasool, <b>Naeem Rashid*</b> , Saima Iftikhar and Muhammad Akhtar (2010) N-terminal deletion of Tk1689, a subtilisin-like serine protease from <i>Thermococcus kodakaraensis</i> , copes with its cytotoxicity in <i>Escherichia coli</i> . <i>J. Biosci. Bioeng.</i> <b>110</b> : 381-385.	1.749	11
31	<b>Naeem Rashid*</b> , Nasir Ahmed, M. Saleem Haider, and Ikram ul Haque (2010) Effective solubilization and single-step purification of <i>Bacillus licheniformis</i> $\alpha$ -amylase from insoluble	1.749	6

	aggregates. <i>Folia Microbiologica</i> <b>55</b> : 133-136.		
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**Corresponding Author of 44 Research Articles**

**First Author of 19 Research Articles**

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### List of Publications in Journals without Impact Factor

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