

## **RESEARCH PUBLICATIONS OF PROF DR SHAHIDA HASNAIN:**

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13. Hasnain, S., Mahmood, K. and Iqbal, J. 1989. Effects of industrial wastes on the germination, early growth and nucleic acids of *Zea mays* varieties. *Pakistan Journal of Agricultural Research*, **10(4)**, 331-340.
14. Qazi, S.H. and Hasnain, S. 1990. *Agrobacterium tumefaciens* from *Punica granatum* and *Malus pumilo*. *Biologia*, **36(1)**, 99-104.
15. Sardar, S. and Hasnain, S. 1990. Polycyclic aromatic hydrocarbons degrading *Pseudomonas* sp. from oil waste. *Biologia*, **36(1)**, 105-108.
16. Sherwani, S.K. and Hasnain, S. 1990. Alkaliophilic, moderately halophilic, plasmid harboring Gram-negative bacteria from saline sodic soil. *Science International*, **2(2)**, 147-150.
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#### PUBLICATIONS IN FOREIGN / IMPACT FACTOR JOURNALS

Sr. No.	Author, Title (s), Journal's details	IF
1.	Hasnain, S., Sammons, R., Roberts, I. and Thomas, C.M. 1985. Cloning and deletion analysis of genomic segment of <i>Bacillus subtilis</i> coding for <i>sdh A. B. C.</i> (Succinate dehydrogenase) and <i>gerE</i> (spore germination) loci. <i>Journal of General Microbiology</i> , <b>131</b> :2269-2279. (now MICROBIOLOGY SGM)	2.268
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5.	Hasnain, S., and Sabri, A.N. 1990. Gram-negative bacteria harbouring mercury resistant plasmid and some factors affecting conjugal plasmid transfer. <i>Pakistan Journal of Zoology</i> , <b>22(4)</b> :335-343.	0.478
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8.	Qazi, S.H.A. and Hasnain, S. 1992. Comparative studies of <i>Agrobacterium tumefaciens</i> from different plants of Punjab. <i>Pakistan Journal of Zoology</i> , <b>24(4)</b> :333-339.	0.478
9.	Sabri, A.N. and Hasnain, S. 1992. Identification of hybrid plasmid capable of reverting spore forming ability of <i>Bacillus subtilis</i> <i>divIVA</i> mutant strain. <i>Pakistan Journal of Zoology</i> , <b>24(2)</b> :321-327.	0.478

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11.	Hasnain, S., Yasmin, S. and Yasmin, A. 1993. Effects of lead resistant <i>Pseudomonas</i> on growth of <i>Triticum aestivum</i> seedling under lead stresses. <i>Environmental Pollution</i> , <b>81</b> :179-184.	4.143
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21.	Qazi, S.H.A. and Hasnain, S., 1996. <i>Agrobacterium tumefaciens</i> from some plants of Pakistan. Host range, host specificity and T-DNA expression in tissue culture. <i>Pakistan Journal of Zoology</i> , <b>28(4)</b> :283-290.	0.478
22.	Sabri, A.N. and Hasnain, S. 1996. Polypeptide products in <i>divIVA</i> <sup>+</sup> and <i>divIVA</i> <sup>-</sup> strains of <i>Bacillus subtilis</i> under varying temperature, pH and starvation conditions. <i>Pakistan Journal of Zoology</i> , <b>28(4)</b> :303-309.	0.478
23.	Hasnain, S., Akhtar, N. and Sabri, A.N. 1996. Alleviation of cadmium toxicity and growth enhancement of <i>Helianthus annuus</i> and <i>Triticum aestivum</i> seedling through bacterial inoculation. <i>Pertanika Journal of Tropical Agricultural Science</i> , <b>19(2-3)</b> :163-169	Malaysia
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