

# RESUME

**NAME:** AMIT BARAN SHARANGI

**DESIGNATION:** Professor



## **CONTACTS:**

### **1. OFFICIAL ADDRESS FOR CORRESPONDENCE:**

Dept of Plantation Spices Medicinal & Aromatic crops,  
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**3. ORCID ID:** <https://orcid.org/0000-0001-6630-5999>

### **4. GOOGLE SCHOLAR PROFILE:**

[https://scholar.google.co.in/citations?user=7yC3v\\_MAAAAJ&hl=en](https://scholar.google.co.in/citations?user=7yC3v_MAAAAJ&hl=en)

**5. RESEARCHGATE PROFILE:** <https://www.researchgate.net/profile/Amit-Sharangi>

**6. DATE OF BIRTH:** 09/01/1970

**7. DATE OF JOINING TO THE UNIVERSITY:** 15/12/1997

## **8. ACADEMIC PROFILE:**

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
POST DOCTORAL	Post Doc in Allelopathy of Spice crops- (Coriander, onion, garlic, leek)	University of Melbourne (Australia)	2010
DOCTORAL	Ph.D. Horticulture (Specialization in Fruit Sci)	BCKV(Agricultural Univ)	2001
MASTER'S	M.Sc.Horticulture (Specialization in Vegetable Science)	BCKV(Agricultural Univ)	1994
BACHELOR'S	B.Sc Agriculture (Honours in Horticulture)	BCKV(Agricultural Univ)	1992

## **9. EMPLOYMENT HISTORY:(Starting from present position)**

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	BCKV (Agricultural Univ)	15.12.2012	Till date
Professor and HOD	BCKV (Agricultural Univ)	27.02. 2014	26.02.2018
Associate Professor	BCKV (Agricultural Univ)	15.12.2006	14.12.2012
Assistant Professor	BCKV (Agricultural Univ)	15.12.1997	14.12.2006
FULBRIGHT-Nehru Visiting Prof	Louisiana State University (LSU), Baton Rouge, Louisiana-LA ( USA)	15-01-2013	14-05-2013
INSA-RSE Visiting Scientist (UK)	James Hutton Institute, SCOTLAND ( UK)	28-02-2011	25-03-2011
Hon'y Scientist & PDF (Melbourne, AUS)	The University of Melbourne	17.03.2010	16.09.2010

## 10. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	DEAN, Faculty of Horticulture, BCKV	18.08.2023	17.12.2024
2	Secretary, Faculty Council, Faculty of Horticulture	09.05.2021	08.11.2021
3	HOD, Department of PSMA, Faculty of Horticulture, BCKV	28.02.2014	27.02.2018
4	Officer in Charge, ICAR-AICRP on Palms, BCKV	07.03.2024	26.11.2024
5	Officer in Charge, ICAR-AICRP on Plantation Crops, BCKV	28.02.2025	Till date
6	Programme Officer, NSS, BCKV	16.08.2004	18.01.2016
7	Nodal Officer, Academic Management System, IASRI-BCKV	15.01.2021	Till date

## 11. AREA OF RESEARCH : (Bulleted list)

- Germplasm evaluation and characterization (morphological, genetic and molecular) of herbs, spices, medicinal & aromatic plants.
- Standardization of agrotechniques of various herbs, spices, medicinal & aromatic plants.
- Quality studies, improvement, Post Harvest and Value addition of herbs, spices, MAPs
- Propagation of tree spices including black pepper.
- Year-round production of coriander and fenugreek for leaves.
- Drying kinetics of different spices with a view to colour, texture, storability and other qualities.
- Nutraceuticals and bioactive compounds of herbs, spices, medicinal & aromatic plants.
- GIS and microclimatic studies related to Plantation crops, spices and MAPs.
- Studies on Allelopathy with special reference to Alliaceae family
- Nanotechnology and biomedical applications related to PSMA crops
- Application of natural plant based extracts, phytochemicals and bioactive compounds against cancer and other ailments.
- Elicitor-mediated bioformulations based and stress-related plant response study on PSMA

## 12. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDER GRADUATE	Hort-102	Water management of Horticultural crops	2(1+1)
		Spices and Condiments	3(2+1)
	Hort-253	Breeding of Vegetable, Tuber & Spice crops	3(2+1)
	Hort-305	Seed production of Vegetable, Tuber & Spice crops	3(2+1)
	Hort-351	STUDENT READY-Rural Horticultural Work Experience Programme (RHWE)	20(0+20)
	Hort-401	Experiential Learning Programme –Commercial Horticulture	

	ELP-451	Experiential Learning Programme –Processing of Fruits & Vegetables for Value Addition	10(0+10)
	ELP-453		10(0+10)
<b>POST GRADUATE</b>	PSM-502	Production of Plantation & Spice crops	3(2+1)
	PSM-504	Breeding of Spice crops	3(2+1)
	PSM-505	Breeding of Medicinal and Aromatic crops	2(1+1)
	PSM-507	Systematics of Medicinal and Aromatic crops	2(1+1)
	PSM-508	Underexploited Spice crops	2(2+0)
	PSM-599	Research/Thesis	30(0+30)
<b>Ph.D.</b>	PSM-601	Recent breeding approaches in Plantation, Spice, Medicinal and Aromatic crops	3(3+0)
		Advances in production of Medicinal and Aromatic crops	3(3+0)
	PSM-603	Biotechnological approaches in PSMA crops	
	PSM-605	Ph D Seminar-II	3(3+0)
	PSM-692	Research/Thesis	1(0+1)
	PSM-699		75(0+75)

### 13. NUMBER OF STUDENTS SUPERVISED:

Master's - 22

Doctoral - 08

### 14. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	Institutional Herbal garden (MAPs) at BCKV, West Bengal	National Medicinal Plants Board, AYUSH, Govt of India	Completed	PI
2.	Evaluation of bioeffectiveness, phytotoxicity and residue of Gibberellic acid 0.45 % on chilli	M/S Krishi Rasayan Exports Pvt Ltd, Kolkata	Completed	PI
3.	Standardisation of Multiplication techniques of Black Pepper( <i>Piper nigrum</i> L.) for Commercial Planting	Deptt of Food Processing Industries and Horticulture, Govt. of West Bengal, India	Completed	PI
4.	Survey of pest and diseases of Medicinal plants in West Bengal	National Medicinal Plants Board, AYUSH, Govt of India	Completed	Co-PI
5.	Nutrient management and keeping quality of Betelvine ( <i>Piper betle</i> L.)	Deptt of Food Processing Industries and Horticulture, Govt. of WB	Completed	Co-PI
6.	Development of model for Sustainable Backyard Poultry Farming System in WB	RKVY, Govt. of India	Completed	Co-PI

## 15. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME ORGANIZED

SL. NO	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	International Webinar on "Hi-Tech Horticulture: A Sunrise Sector	1-Day	BCKV, Mohanpur	Organising Secretary
2.	BSMA National Conference	3-Days	FACC (Lake Hall), BCKV	Organising Secretary
3.	Farmers' Training Programme on Popularization of Black Pepper in WB	2-Days	BCKV, Mohanpur	Organising Secretary

## 16. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Seminar & Farmers' Training Programme on "Spices, Plantation crops & MAPs in West Bengal"	2-Days	BCKV, Mohanpur	Org Committee Member
2	World Coconut Day, Seminar & Farmers Training on "Coconut Cultivation and Processing"	1-Day each year 2 <sup>nd</sup> September	BCKV, HRS, Mondouri	Org Committee Member
3	International Conference EBINS-2017	3-Days	Athens, Greece	Org Committee Member
4	International Conference EBINS-2019	3-Days	Singapore	Org Committee Member
5	2 <sup>nd</sup> International Conference on Multidisciplinary Academic Research & Global Innovation,	3-Days	China	Org Committee Member-Scientific Rev Committee
6	International Conference on "Challenges in Social Science Research,	3-Days	Zurikh, Switzerland	Org Committee Member-Scientific Rev Committee
7	3 <sup>rd</sup> International Conference on New directions in multidisciplinary research & practice (NDMRP-2017)	3-Days	Athens, Greece	Org Committee Member-Scientific Committee

## 17. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

### I. PATENTS

- **German Patent (Utility Patent):** Novel IoT-based inventory management system with radio-controlled Pallet mobile rack for storage solutions. DE file number DAKZ: 20 2023 102 733.4 IPC main class ICM (ICMV): G06Q 10/08 (2023.01)(Date of first publication PUB: Jun 19, 2023)
- **Indian Patent (Design Patent):** Solar assisted seed breeding chamber. Common applications include: seed breeding, plant growth, tissue culture, germination, storage and other agri-horticultural aspects. **Application Number:** 382186-001 **Cbr Number:** 203742(Design Accepted and Published, Journal Number: 40/2023 and Journal Date : 06/10/2023)

## II. HONOURS

- ❖ Nominated as a Member in the National level **Broad Subject Matter Area (BSMA) Committee-2019** for **restructuring of PG-PhD syllabus and curriculum** under Spices and Plantation crops of Horticultural Sciences. The committee was constituted by the **Director General (DG), ICAR, Govt of India**.
- ❖ **Involvement in teaching abroad:**
  - i) **FULBRIGHT-Nehru Visiting Professor** honoured by FSB, Washington DC, USA and the host Institute was Louisiana State University, Baton Rouge, LA, USA for teaching PG students.
  - ii) Honorary Professor of Horticulture, Cypress International Institute University, Texas (USA)
- ❖ Working as **member of academic/ research bodies**: School Board Member, SASRD, Nagaland University, Other Central Universities
- ❖ Working as **Member, Selection Board**; National level and Institutional **paper setter** for different examinations and **External Examiner** for UG and PG research at different National & International Institutes and SAUs.
- ❖ **Delivered** several **invited lectures on new innovative works** related to medicinal herbs and spices from his research work at the **USA** (one Fulbright Visiting Lecture and three Fulbright Occasional Lectures), **UK** (one), **Thailand** (two), **Israel** (one) and **Bangladesh** (two) including **two on-line invited lectures** on herbs, spices and medicinal plants at Louisiana State University (LSU), USA.

## III. AWARDS

<p><b>i. International Awards</b></p> <ul style="list-style-type: none"><li>a) FULBRIGHT-Nehru Visiting Professor (USA)</li><li>b) INSA-Royal Society of Edinburgh Visiting Scientist (UK)</li><li>c) International R&amp;D (Israel)</li><li>d) OLF – Occasional Lecture Fellowship (USA)</li><li>e) Marquis' Who's Who (USA), 5 Consecutive years</li><li>f) Man of the Year-2015(UK)</li><li>g) Outstanding Scientist</li><li>h) Distinguished Leader</li><li>i) Bharat Ratna Mother Teresa Gold Medal Award</li><li>j) Endeavour Award (Govt of Australia)</li></ul>
<p><b>ii. Fellowships and Awards by National Science Academies/ Societies</b></p> <ul style="list-style-type: none"><li>a) ICAR-JFS (Junior Fellowship),</li><li>b) ICAR-NET (National Eligibility Test for Assistant Professorship),</li><li>c) Member, BSMA (Broad Subject Matter Area) Committee constituted by the DG, ICAR</li><li>d) Chair, Technical Sessions of International Symposium/Conference-6</li><li>e) Co-Chair, Technical Sessions of National Symposium/Conference-5</li><li>f) Resource Person in ICAR Sponsored Winter Schools: Five times</li><li>g) Nominated Member, National Editorial Board, Indian Journal of Horticulture, IAHS, N.Delhi 2021-22</li></ul>
<p><b>iii. Awards by Central Govt. Organisations/ Institutes</b>, e.g. ICAR, DST, DBT, CSIR, UGC etc.</p> <p>Nominated as a Member in the National level Broad Subject Matter Area (BSMA) Committee constituted by the DG, ICAR, Govt of India under Spices and Plantation crops of Horticultural Sciences.</p>
<p><b>iv. Awards by the State Government, Universities and Deemed to be Universities</b></p> <p>Honorary Board Member, SADHNA, Dr YSPUH &amp; Forestry (Solani, HP)</p> <p>Former Member, PME (Priority setting, Monitoring &amp; Evaluation) Cell, BCKV, West Bengal</p>

<p><b>v. Young Scientist Awards/Associateship</b> Young Achiever's Award-2013 (SADHNA)</p>
<p><b>vi. Best Research Paper Award</b> Conferred by the Gaurav Society, ARCC for the paper Pariari,A.; <b>Sharangi, A.B.</b>;Datta,S.and Chatterjee,R. (2003) Growth and Yield of Fennel as influenced by different growth regulating chemicals under West Bengal condition. Research on Crops 4(1):127-130.</p>

#### IV. RECOGNITIONS

- ✓ Editor-in-Chief of three Science Alert Journals, USA
- ✓ Review Editor of two Frontiers Journals
- ✓ Associate Editor of four journals
- ✓ Subject Editor of VEGETOS Journal (Springer Nature)
- ✓ Associate Editor of four journals
- ✓ Editorial Board Member of fifteen international journals including *Scientific Reports*
- ✓ Nominated Member, National Editorial Board, Indian Journal of Horticulture, IAHS, New Delhi 2021-22
- ✓ Active Reviewer of scores of international journals (Approx. 65)
- ✓ Joint Secretary, Society for the Advancement of Horticulture, Since 2007
- ✓ Editor, CWSS Newsletter
- ✓ Fellow, International Society for Research & Development (ISRDR), UK: Since 2015
- ✓ Fellow, West Bengal Academy of Science & Technology (WAST): Since 2015
- ✓ Fellow, Society for Applied Biotechnology (SAB): Since 2016
- ✓ Fellow, Academy of Environment & Life sciences (AELS): Since 2016
- ✓ Fellow, International Scientific Res Orga for Science, Engg & Tech (ISROSET): Since 2017
- ✓ Fellow, Scientific Society of Advanced Research & Social Change(SSARSC): Since 2017
- ✓ Fellow, Society of Pharmacognosy & Phytochemistry (SPP): Since 2018
- ✓ Fellow, International Society for Noni Science (ISNS): Since 2020
- ✓ Eminent Fellow, SAS (By Scholars Academic & Scientific Society, India): Since 2021

#### 18. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

- Visited the Louisiana State University (LSU), Baton Rouge, Louisiana-LA (USA) as a FULBRIGHT-Nehru Visiting Professor and taught the PG students for 4 months, associated with 2 courses
- Visited the James Hutton Institute, SCOTLAND ( UK) as an INSA-RSE Visiting Scientist for research, lecture and collaboration
- Visited the University of Melbourne (Melbourne, AUS) as Hon'y Scientist and Post-Doctoral Fellow for research work and collaboration

#### 19. PUBLICATIONS

##### A. SELECTED BOOKS

##### i) INTERNATIONAL PUBLISHERS

1. **Ecology, Resilience and Livelihood: The Science and Policy of Agriculture** (2025, English). **Apple Academic Press, Inc.** 4164 Lakeshore Road, Ontario, Canada. ISBN:978-1-77964-132-8. **(Editor)**



2. *Biotechnology of Medicinal Plants with Anti-allergic properties: Research Trends & prospects* (2024, English). **SPRINGER NATURE**, Singapore Pte Ltd., 1st Ed, 705 p. ISBN: 978-981-97-1466-7. **(Editor)**
3. *Medicinal Plants: Bioprospecting and Pharmacognosy* (2022, English). **Apple Academic Press, Inc.** 9 Spinnaker Way, Waretown, New Jersey 08758 USA. ISBN: 978-1-77463-845-3. **(Editor)**
4. *Biotechnology of Anti-diabetic Medicinal Plants* (2021, English). **SPRINGER NATURE**, Singapore Pte Ltd., 1st Ed, 469 p. ISBN: 978-981-16-3528-1. <https://doi.org/10.1007/978-981-16-3528-1>. **(Editor)**
5. *Aromatic Plants: The Technology, Human Welfare and Beyond* (2021, English). **Nova Science Publishers, Inc.**, New York, USA. ISBN: 978-1-53619-322-0. **(Editor)**
6. *Immunizing Human body: The Role of Non-Descript and Traditional Green Leaves* (2021, English). **Nova Science Publishers, Inc.**, New York, USA. ISBN: 978-1-53619-136-3. **(Author)**
7. *Indian Spices: The Legacy, Production and Processing of India's Treasured Export* (2018, English). **SPRINGER NATURE**, USA. ISBN: 978-3-319-75016-3. **(Editor)**
8. *Underexploited Spice Crops: Present Status, Agrotechnology and Future Research Directions* (2018, English). **Apple Academic Press, Inc.** 9 Spinnaker Way, Waretown, New Jersey 08758 USA. ISBN: 978-1-77188-697-0. **(Author)**
9. *Spices: Agrotechniques for Quality Produce* (2018, English). **Apple Academic Press, Inc.**, 9 Spinnaker Way, Waretown, New Jersey 08758 USA. ISBN: 978-1-77188-635-2. **(Author)**
10. *Value Addition of Horticultural crops: Recent trends and Future directions* (2015, English). **SPRINGER**, USA; ISBN: 978-81-322-2261-3. **(Editor)**

## ii) NATIONAL PUBLISHERS

11. *Production Technology of Plantation, Spices, Medicinal & Aromatic Crops* (2023, English). **Elite Publishing House**, New Delhi-110089, India; ISBN: 978-93-95185-82-0. **(Author)**
12. *Uncertainty and Chaos in Indian Farming (2023)*, English). **The New India Publishing Agency**, New Delhi-110034, India ; ISBN:978-81-90022-45-3. **(Editor)**
13. *Edible Ornamental Medicinal and Aromatic Flowers: The Technology, Healthcare and Beyond* (2022, English). **Brillion Publishing.**, New Delhi-110005, India; ISBN: 978-93-92725-82-1. **(Author)**
14. *Stewardship and conservation in Agriculture: The Small Farm Reality* (2022, English). **Astral International Pvt. Ltd.**, New Delhi-110002, India; ISBN:978-93-5461-175-9. **(Editor)**
15. *Hunger, Poverty and Voice (2022)*, English). **Astral International Pvt. Ltd.**, New Delhi-110002, India ; ISBN:978-93-5461-362-3. **(Editor)**
16. *Botany and Breeding of Spice crops* (2021, English). **The New India Publishing Agency**, New Delhi-110034, India; ISBN: 978-93-90591-01-5. **(Author)**
17. *Seed Priming: A focus on coriander* (2020, English). **Satish Serial Publishing House**, New Delhi - 110033, India; ISBN: 978-93-53870-19-5. **(Author)**
18. *Handbook on Medicinal Plants* (2020, English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-8321-511-4. **(Author)**

19. *Coriander in Eastern India: The landraces and Genetic diversity* (2017, English). **Krishi Sanskriti Publications**, New Delhi; ISBN: 978-93-85822-48-3. **(Author)**
20. **Enterprise, Entrepreneurship and Agribusiness Management** (2015,English). **Agrotech Publishing Academy**, Udaipur; ISBN:978-81-83213-84-4. **(Editor)**
21. *Seed Production of selected Horticultural crops* (2014, English). **Astral International Pvt. Ltd.**, New Delhi-110002; ISBN: 978-93-5124-280-2. **(Author)**
22. *Precision Horticulture towards Value addition and Marketing* (2012, English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-83212-64-6 and 978-81-83212-64-9. **(Editor)**
23. *Encyclopaedia of Horticulture and Allied terms* (2009, English). **Daya Publishing House**, New Delhi; ISBN: 978-81-7035-572-9. **(Author)**
24. **Gender issues in Agri-Horti-Enterprises** (2009,English).**Agrotech Publishing Academy**, Udaipur;ISBN:978-81-8321-135-5. **(Editor)**
25. **Technology Gap in Floriculture** (2009,English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-8321-133-8. **(Editor)**
26. **3. Disaster Management : Concept, People and Perception** (2009, English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-8321-150-5. **(Editor)**
27. *Quality Management in Horticulture* (2008, English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-8321-090-2. **(Editor)**
28. *Varieties of Horticultural Crops* (2006, English). **Agrotech Publishing Academy**, Udaipur; ISBN: 978-81-8321-032-5. **(Author)**

### iii) REGIONAL LANGUAGE/ LOCAL PUBLISHERS

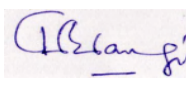
29. **Vesaja Ousadhi O Sugandhi Udvider Chaas**[Cultivation of Medicinal and Aromatic plants] (2007,Bengali); **B.B. Kundu Grandsons**, Kolkata-9, West Bengal. **(Author)**
30. **Faler Bagan, Chas Paddhati O Samrakshan** [Fruit orchard, cultivation and preservation] (2006,Bengali); **M.K. Publication**, Kolkata-9, West Bengal. **(Author)**
31. **Maslapatir Chaas** [Cultivation of Spices] (2006,Bengali); **B.B.Kundu Grandsons**, Kolkata-9, West Bengal. **(Author)**
32. **Banglar Parichito Maslar Unnata Chaspaddhati**[Improved cultivationof some common spices of West Bengal] (2005,Bengali). **Homeshikha**, Krishnagar, West Bengal. **(Author)**
33. **Kaju Badam Chaas O Bipanan"** [Cashewnut cultivation and marketing] (2005,Bengali). **Directorate of Agricultural Marketing (Admn.)**, Govt. of West Bengal. **(Author)**

### B. RESEARCH PAPERS (Best 10)

SI No.	Publications (Authorship, year, title, journal, Vol. No., pages, etc.)	Journ al ID	IF/ NAAS (As on 2025)
1	Trivedi,R.;Upadhyay,T.K.;Kausar,M.A.;Saeed,A.; <b>Sharangi, A.B.</b> ; Almatroudi, A.; Abdullah, N.M.; Saeed, M. and Aqil, F. (2022) Nanotechnological interventions of the microbiome as a next-generation antimicrobial therapy. <i>Science of the Total Environment</i> , <b>833</b> (2022):112. [doi:10.1016/j.scitotenv.2022.155085]. [ <b>ELSEVIER</b> ]	S013	8.20/14.20
2	Siddiqui,M.W.; <b>Sharangi,A.B.</b> ; Singh,J.P.; Thakur,P.K.; Ayala-Javala,J.F.; Singh, A. and Dhua,R.S. (2015) Antimicrobial properties of teas and their extracts in vitro. <i>Critical Reviews in Food Science &amp; Nutrition</i> , <b>56</b> (9):1428-1439. [ <b>Taylor and Francis</b> ]	C173	7.30/13.30



3	<b>Sharangi, A.B.</b> (2009). Medicinal and therapeutic potentialities of tea ( <i>Camellia sinensis</i> L.) –A review. <i>Food Research International</i> , <b>42</b> (5-6): 529-535 [doi:10.1016/j.foodres.2009.01.007] [ <i>Elsevier-Canada</i> ]	F061	7.00/13.00
4	Mujahid, M.H.; Upadhyay, T. K.; Khan, F.; Pandey, P.; Park, M.N.; <b>Sharangi, A.B.</b> ; Saeed, M.; Upadhye, V. and Kim,B.(2022) Metallic and metal oxide-derived nanohybrid as a tool for biomedical applications. <i>Biomedicine &amp; Pharmacotherapy</i> , <b>155</b> (2022):113791. (Published Online: 07 Oct 2022); [doi:10.1016/j.biopha.2022.113791]. ( <i>ELSEVIER</i> )	B092	6.90/12.90
5	Alam, M.; Bano, N.; Ahmad, T.; <b>Sharangi, A.B.</b> ; Upadhyay, T. K.; Alraey, Y.; Alabdallah, N.M.; Saeed, M.; Rauf, A. (2022) Synergistic role of plant extract and essential oil against multi-drug resistance and gram-negative bacterial strain producing extended-spectrum $\beta$ -lactamases. <i>Antibiotics</i> , <b>11</b> (7), 855. (Published Online:26 June 2022);[doi: 10.3390/antibiotics11070855]. ( <i>MDPI</i> )	A233	4.30/10.30
6	Bal, S.; <b>Sharangi, A.B.</b> ; Upadhyay, T. K.; Khan, F.; Pandey, P.; Siddiqui, S.; Saeed, M.; Lee, H.-J.;Yadav, D.K. (2022) Biomedical and antioxidant potentialities in chilli: Perspectives and way forward. <i>Molecules</i> , <b>27</b> (2022):6380. (Published Online: 27 Sept 2022); [doi:10.3390/molecules27196380]. ( <i>MDPI</i> )	M113	4.20/10.20
7	Gantait, S.; <b>Sharangi, A.B.*</b> ; Mahanta, M.; Meena, N. K. (2022) Agri-biotechnology of coriander ( <i>Coriandrum sativum</i> L.): An inclusive appraisal. <i>Applied Microbiology and Biotechnology</i> , <b>106</b> : 951-969. [doi:10.1007/s00253-022-11787-4]. ( <i>SPRINGER</i> )	A262	3.90/9.90
8	Pavan Gowda, M.; <b>Sharangi, A.B.*</b> ; Rab, S.O.; Saeed, M.; Alabdallah, N.M. and Siddiqui, S.(2025). Bioformulation-Mediated Response of Kalmegh ( <i>Andrographis paniculata</i> Wall. ex Nees, Family Acanthaceae) for Growth, Yield, and Quality. <i>ACS Omega</i> . (Published Online: 12 February 2025); [doi:10.1021/acsomega.4c09531]. ( <i>American Chemical Society</i> )	A010	3.70/9.70
9	Raj, A.C.; <b>Sharangi, A.B.*</b> ; Das, A.; Pramanik, K.; Upadhyay, T.K. ; Almutairi, M.; Khan, M.I.; Ahmad, I.; Kausar, M.A. and Saeed,M. (2022) Assessing the Genetic Divergence of Onion ( <i>Allium Cepa</i> L.) through Morpho-Physiological and Molecular Markers. <i>Sustainability</i> , <b>14</b> , 1131. [doi:10.3390/su14031131]. ( <i>MDPI</i> )	S100	3.30/9.30
10	Saha, G.; <b>Sharangi, A.B.*</b> ; Upadhyay, T. K.; Al-Keridis, L. A.; Alshammari, N.; Alabdallah, N. M. and Saeed, M. (2022) Dynamics of drying turmeric rhizomes ( <i>Curcuma longa</i> L.) with respect to its moisture, colour, texture and quality. <i>Agronomy</i> , <b>12</b> (2022), 1420. [doi:10.3390/agronomy12061420]. ( <i>MDPI</i> )	A115	3.30/9.30

 10.03.25  
Signature with Date