CURRICULUM VITAE

Mohammad Kazem Ramezani (PhD)

Nationality: Iranian

Date of birth: 23 July 1971

Address	
	Pesticide Research Dept., Iranian Research Institute of Plant Protection (IRIPP). Agricultural Research, Education and Extension Organization., P.O. Box 1454-19395. Tehran- Iran Tel: +98 (21) 22403012-14 (office) Fax: +98 (21) 22403691 E-mail: kazem.ramezani@iripp.ir kazem.ramezani@gmail.com

Education:		
2008	**PhD**	CSIRO/ Adelaide University, Adelaide - Australia,
2002	**MSc**	Ferdowsi University of Mashhad, Mashhad- Iran,
1998	**BSc**	Faculty of Agriculture, Tehran University, Tehran- Iran,

Research interests:

- Dietary Risk Assessment of Pesticides;
- Agri-food Safety and Standards;
- Behavior of Pesticide Residues & their enantiomers;
- Multi-residue Methods for the Analysis of Pesticide Residues;
- Pesticide Residues in Different Crops (pre- harvest interval and maximum residue Limits);

Work experiences:

2008 to present: Laboratory of Pesticide Residue, Pesticide Research Department, Iranian Research Institute of Plant Protection (IRIPP);

Teaching experience:

Postgraduates	
2013-2015	Food Toxicology, Azad University of Tehran, invited Lecturer in Food Science.
2013-2016	Principle of preventive systems of quality control (HACCP & GMP). Azad University of Tehran, Invited Lecturer in Food Science.
2014-2017	Food Science & Environment, Azad University of Tehran, Invited Lecturer in Food Science.

Workshop/ Meetings (Last 5 years)

- The 53th Session of the codex committee on pesticide residues (virtual), 4 to 8 July 2022.
- The 52th Session of the codex committee on pesticide residues (virtual), 26 to 31 July, 2021.
- The 49th Session of the codex committee on pesticide residues. Beijing, P.R. China, 24-29 April 2017.
- The 48th Session of the codex committee on pesticide residues, Chongqing, China, 25 - 30 April, 2016.
- Advanced Training Course on Certification of Organic Products, Tehran, Iran, 20-24 Aug., 2015, APO.
- Workshop on Best Practices in Green Productivity in Agriculture, Tehran, Iran, 7-11 Dec, 2013. APO.

Selected publications:

Journals papers:

- Fatemeh Ghorbani-Paji, **Mohammad Kazem Ramezani**, Alireza Ghassempour & Hassan Y. Aboul-Enein**,** Dissipation of carbendazim and its metabolites in cucumber using liquid chromatography tandem mass spectrometry, International Journal of Environmental Analytical Chemistry, 2019, https://doi.org/10.1080/03067319.2019.1617281.

- Mohammad Faraji, Roya Noorbakhsh, Hooshang Shafieyan, **Mohammadkazem Ramezani,** Determination of acetamiprid, imidacloprid, and spirotetramat and their relevant metabolites in pistachio using modified QuEChERS combined with liquid chromatography-tandem mass spectrometry, Food Chemistry, 2018, 240, 634-641.

- **MohammdKazem Ramezani** & Dariush Shahriari, Dissipation behavior, processing factor, and risk assessment for metalaxyl in greenhouse-grown cucumber, Pest Management Science, 2014, 72,4, 579-583.

- Mohammad Khodadady, **Mohammad kazem Ramezani**, Vahideh Mahdavi, Alireza Ghasempour, Hassan Y. Aboul-Enin. Enantioseparation and Enantioselective Phytotoxicity of Glufosinate Ammonium on Catechin Biosenthesis in Wheat, Food Analytical Methods, 2014, 7:747-753.

- Zahra Dashtbozorgi; **Mohammad Kazem Ramezani** and Syed Waqif Husain , optimization and validation of a new pesticide residue method for cucumber and tomato using acetonitril-based extraction-dispersive liquid-liquid microextraction followed by liquid chromatography-tandem mass spectrometry, Analytical Methods, 2013, 5: 1192-1198.

- **MohammadKazem Ramezani** & Ahmad Heydari**,** Risk assessment of current-use insecticides and acaricides in Iran, Applied Entomology & Phytopathology Journal, 2015, 82, 2,115-126.

- **Mohammadkazem Ramezani** ; Danielle P. Oliver ; Rai S. Kookana ; Gurjeet Gill ; Christopher Preston .Abiotic degradation (photodegradation and hydrolysis) of imidazolinone herbicides. Journal of Environmental Science and Health, Part B: 2008, 43, 2, 105-112.

- **Mohammadkazem Ramezani**, Nigel Simpson, Danielle Oliver, Rai Kookana, Gurjeet Gill and Christopher Preston, Improved extraction and cleanup of imidazolinone herbicides from soil solutions using different solid-phase sorbents. Journal of Chromatography A. 2009, 1216, 26, 5092-5100.

- **Mohammadkazem Ramezani**, Danielle Oliver, Rai Kookana, Wenjian Lao Gurjeet Gill and Christopher Preston, Faster degradation of herbicidally-active enantiomer of imidazolinones in soils. Chemosphere, 2010, 79: 1040–1045.

- Zahra Dashtbozorgi; **Mohammad Kazem Ramezani** and Syed Waqif Husain . Evaluation of Matrix Effects in Gas Chromatography Mass Spectrometry Pesticide-Residue Analysis Using QuEChERS Sample Preparation Technique. International Journal of Chemistry, 2012, 33 (10), 326-

332.

- Zahra Dashtbozorgi; **Mohammad Kazem Ramezani** and Syed Waqif Husain**,** Parviz broumand. Validation of matrix matched calibration for analysis of insecticide and fungicide residues in cucumber and tomato using QuEchERS sample preparation followed by gas chromatography-mass spectrometry. J. Chil. Chem. Soc., 2013, 58, 1701-1705.

- **Mohammad Kazem Ramezani,** Fate of pesticides & their risks assessment in the environment: A review, Weed Research, 2013, 5:26-41.

Conference papers:

- **Mohammadkazem Ramezani** ; Danielle P. Oliver ; Rai S. Kookana ; Gurjeet Gill ; Christopher Preston .Photodegradation of imidazolinone herbicides in the presence of humic acids and soils. Proceeding 2007 International Symposium on Environmental Science and Technology (2007 ISEST). Nov 13-16, 2007: Beijing, China.

- **Mohammadkazem Ramezani**, Bioremediation: a biotechnological method for environmental protection from pesticides pollution, Proceeding of the 6th National Congress of Biotechnology, Tehran, Iran, Aug. 13-15, 2009: Tehran, Iran.

- **Mohammadkazem Ramezani**; Vahideh Mahdavi, Environmental Impacts and Risks Assessment of Pesticides, Proceeding on half a century of the pesticides usage in Iran, Mar. 2-3, 2010, Tehran, Iran,
- **Mohammadkazem Ramezani**, Soil persistence of herbicides and their carryover effects on rotational crops, The 3rd weed science workshop, Feb. 16-17, 2010, Babolsar, Iran.

- **Mohammadkazem Ramezani**, Crop Residue Burning: The Importance in the Fate & Efficacy of Herbicides, the 4th Iranian weed science conference, Feb. 6-8, 2012, Ahvaz, Iran.

- Vahideh Mahdavi; **Mohammadkazem Ramezani**, A review of Pesticide Residue Research in Iran, Proceeding on half a century of the pesticides usage in Iran, Mar. 2-3, 2010, Tehran, Iran,

- Mohammad Khodadadi; **Mohammad Kazem Ramezani**; Ali Reza Ghasempour. Phytotoxicity of herbicides Glyphosinate Ammonium & Effects of Its Enantiomers on Catchin Biosynthesis in Wheat Plant. The11th International Iranian Toxicology Congress, September, 13-15, 2011, Mashhad-Iran

Selected Thesis supervised

- **Student name: Zahra Dashtbozorgi**
  Thesis title:
  Study on application and optimization of new micro-extraction methods for insecticides and fungicides residues in cucumber and tomato and their determination using GC/MS and LC/MS/MS.
- **Student name: Katayoun Abdollahzadeh**
  Thesis title:
  Acetamiprid & imidacloprid dissipation after repeated application to pistachio
- **Student name: Fatemeh Ghorbani**
  Thesis title:
  Dissipation of carbendazim and its metabolites in cucumber using Liquid chromatography mass spectrometry
- **Student name: Seyed Ehsan Torabi**
  Thesis title:
  Determining the residues of diazinon and its dissipation pattern in sour grape and grape
- **Student name: Mohammad Khodadadi**

Thesis title:
Enantioseparation and enantioselective phytotoxicity of glufosinate ammonium on catechin biosynthesis in wheat

- **Student name: Zinat Sedighi**
  Thesis title:
  Extraction of three sulfonylurea herbicides using multi-walled carbon nanotubes and their analysis by HPLC
- **Student name: Sahar Sghaii**
  Thesis title:
  Extraction of chlorpyrifous residue using carbon nano tubes (CNT) and its determination with Gas chromatography.

- **Student name: Shaghayegh Mousavinia**
  Thesis title:
  The study of movement mechanism of butachlor in flooded-rice soils and predicting its concentration in surface water sources
- **Student name: Ali Pirhadi**
  Thesis title:
  Study of the persistence and phytotoxicity of selected herbicides residues in Mazandaran on Rice (*Oryza sativa*)
- **Student name: Esmail Mofidi**
  Thesis title:
  Investigation of metribuzine phytotoxicity in previously-treated soils of potato monoculture using bioassay