**Selected Peer-reviewed Publications**

1. Nikbakhtzadeh MR, Terbot JW, Foster WA. **2016**. Survival Value and Sugar Access of Four East African Plant Species Attractive to a Laboratory Strain of Sympatric *Anopheles gambiae* (Diptera: Culicidae). *Journal of Medical Entomology*. 53(5): 1105-111. doi: 10.1093/jme/tjw067.
2. Nikbakhtzadeh MR, Buss GK and Leal WS. **2016**. Toxic effect of blood feeding in male mosquitoes. *Frontiers in* *Physiology.* 7:4. doi: 10.3389/fphys.2016.00004.
3. Otienoburu PE, Nikbakhtzadeh MR, Foster WA. **2015**. [Orientation of *Anopheles gambiae* (Diptera: Culicidae) to plant-host volatiles in a novel diffusion-cage olfactometer](http://scholar.google.com/scholar_url?url=http://jme.oxfordjournals.org/content/early/2015/10/26/jme.tjv162.abstract&hl=en&sa=X&scisig=AAGBfm046oqnJtNbrUksG-g0898Og1gUMQ&nossl=1&oi=scholaralrt). *Journal of Medical Entomology*. doi: 10.1093/jme/tjv162.
4. Terbot JW, Nikbakhtzadeh MR, Foster WA. **2015**. Evaluation of *Bacillus thuringiensis israelensis* as a control agent for adults of *Anopheles gambiae*. *Journal of American Mosquito Control Association*. 31(3):258-261. doi: <http://dx.doi.org/10.2987/moco-31-03-258-261.1>.
5. Nikbakhtzadeh MR, Terbot JW, Otienoburu PE & Foster WA. **2014**. Olfactory basis of floral preference of the malaria vector *Anopheles gambiae* (Diptera: Culicidae) among common African plants. *Journal of Vector Ecology*. 39(2): 372-383. doi: <http://dx.doi.org/10.3376/i1081-1710-39-372>.
6. Zianni MR, Nikbakhtzadeh MR, Jackson BT, Panescu J, Foster WA. **2013**. Rapid identification of *Anopheles gambiae* s.s. and *Anopheles arabiensis* by High Resolution Melt (HRM) analysis. *Journal of Biomolecular Techniques*. 13. doi:  [10.7171/jbt.13-2401-001](http://dx.doi.org/10.7171%2Fjbt.13-2401-001" \t "pmc_ext).
7. Abtahi-Hosseini SM, Nikbakhtzadeh MR, Vatandoost H, Mehdinia A, Rahimi-Foroshani A, Shayeghi M. **2012**. Quantitative characterization of cantharidin in the false blister beetle, *Oedemera podagrariae ventralis*, of the southern slopes of Mount Elborz, Iran. *Journal of Insect Science*. 12(152): <http://www.insectscience.org/12.152>.
8. Nikbakhtzadeh MR, Saeidi A, Shaeghi M. **2012**. Potential cuticular hydrocarbon biomarkers to estimate the age of the malaria vector, *Anopheles stephensi*. *Turkish Journal of Entomology*. 36(3): 311-320.
9. Nikbakhtzadeh MR, Naderi M, Safa P. **2012**. Faunal diversity of *Paederus* beetles (Coleoptera: Staphylinidae) in Iran. *Insecta Mundi*. 0267: 1-9.
10. Nikbakhtzadeh MR, Vahedi M, Vatandoost H & Mehdinia A. **2012**. Origin, transfer and distribution of cantharidin-related compounds in the blister beetle Hycleus scabiosae. *Journal of Venomous Animals & Toxins*. 18(1): 88-96.
11. Nikbakhtzadeh MR, Movaheddi N. **2010**. Hydrocarbon Diversity of the Dufour Glands in the Iranian Populations of *Pachycondyla sennaarensis* (Hymenoptera: Formicidae). *Mitteilungen der DGaaE*. 17: 307-310.
12. Islami I, Nikbakhtzadeh MR. **2009**. New Cases of Canthariphily among Coleopterans. *Turkish Journal of Entomology*. 33(4): 243-251.
13. Rasoolian M, Nikbakhtzadeh MR. **2009**. Identification of Iranian Vectors of Malaria by Analysis of Cuticular Hydrocarbons. *Animal Cells and Systems*. 13(3): 331-337.
14. Nikbakhtzadeh Mr, Akbarzadeh K & Tirgari S. **2009**. Bioecology and Chemical Diversity of Abdominal Glands in the Iranian Fire Ants, *Pachycondyla sennaarensis* (Formicidae: Ponerinae). *Journal of Venomous Animals & Toxins*. 15(3): 509-526.
15. Nikbakhtzadeh Mr, Tirgari S, Fakoorziba MR & Alipoor H. **2009**. Volatile Compounds from the Venom Gland of the Samsum Ant, *Pachycondyla sennaarensis* (Hymenoptera: Formicidae). *Toxicon*. 54: 80-82.
16. Nikbakhtzadeh MR, Movaheddi N, Akbarzadeh K & Shaeghi M. **2009**. Dufour Gland Components of the Fire Ant, *Pachycondyla sennaarensis* (Hym.: Formicidae). *Biochemical & Cellular Archives*. 9(1): 37-41.
17. Rajaie Fard A, Nikbakhtzadeh MR & Alipour H. **2009**. Epidemiological Study of Malaria and its Vector Ecology in the Heartland of an Iranian Petrochemical Industry. *Journal of Experimental Zoology*. 12(1): 191-195.
18. Nikbakhtzadeh MR, Tirgari S. **2008**. Medically Important Beetles of Iran. *Journal of Venomous Animals & Toxins*. 14(4): 597-618.
19. Rasoolian M, Sadrai J & Nikbakhtzadeh MR. **2008**. Identification of the *Anopheles* Mosquitoes (Diptera: Culicidae) of Southern Iran using Cuticular Hydrocarbons. *Animal Cells and Systems*. 12(3): 165-170.
20. Nikbakhtzadeh MR, Dettner K, Boland W & Hemp C. **2008**. The Probable Role of Antennal Cuticular Pores in the Sexual Behaviour of *Cyaneolytta* sp. (Coleopetra: Meloidae). *Mitteilungen der DGaaE*. 16: 179-183.
21. Nikbakhtzadeh MR, Hemp C & Ebrahimi B. **2007**. Further Evidence on the Role of Cantharidin in the Mating Behaviour of Blister Beetles. *Integrative Biosciences*. 11(2): 141-146.
22. Nikbakhtzadeh MR, Ebrahimi B. **2007**. Detection of Cantharidin Related Compounds in *Mylabris impressa* (Coleoptera: Meloidae). *Journal of Venomous Animals & Toxins*. 13(3): 686-693.
23. Nikbakhtzadeh MR, Dettner K, Boland W, Gäde G & Dötterl S. **2007**. Intraspecific Transfer of Cantharidin within Selected Members of Family Meloidae (Insecta: Coleoptera). *Journal of Insect Physiology*. 53(9): 890-899.
24. Nikbakhtzadeh MR, Sadeghiani C. **1999**. Dermatite due à deux espèces de *Paederus* au sud de l’Iran. *Bulletin de la Societe de Pathologie Exotique*. 92(1): 56.

**Presentations in Professional Meetings**

1. Nikbakhtzadeh MR. **2019**. A quick review of the current vector-borne diseases. Annual Meeting of Zoonoses and Vector-borne Diseases. County of San Diego, San Diego, CA, USA.
2. Nikbakhtzadeh MR. **2017**. What is the risk of a local Zika transmission in California? The 2nd Zika & Invasive *Aedes* Seminar. San Diego, CA, USA.
3. Nikbakhtzadeh MR, Terbot JW, Otienoburu PE & Foster WA. **2015**. Floral preference of the malaria vector *Anopheles gambiae* (Diptera: Culicidae). The 81st Annual Meeting of the American Mosquito Control Association. New Orleans, Louisiana, USA.
4. Graham AC, Nikbakhtzadeh MR. **2014**. An overview of mosquito-based EEE surveillance in Vermont. The 5th Northeastern Eastern Equine Encephalitis Conference. Concord, New Hampshire, USA.
5. Nikbakhtzadeh MR. **2014**. *Culiseta melanura*, the main vector of EEE in Vermont: Current status and control opportunities. Clarke Mosquito Control Meeting. Middlebury, VT, USA.
6. Foster W, Zianni M, Nikbakhtzadeh MR, Jackson B & Panescu J. **2013.** Rapid discrimination between *Anopheles gambiae* s.s. and *Anopheles arabiensis* by High Resolution Melt (HRM) Analysis. The 6th International Congress of Society for Vector Ecology. La quinta (Palm Springs), California, USA.
7. Nikbakhtzadeh MR, Graham A. **2013**. Mosquito, mosquito-borne viruses and control measurements in Vermont. The 59th Annual Meeting of the Northeastern Mosquito Control Association. Hull, Massachusetts, USA.
8. Zianni M, Nikbakhtzadeh MR, Jackson B, Panescu J & Foster W. **2013**. Rapid discrimination between *Anopheles gambiae* s.s. and *Anopheles arabiensis* by High- Resolution Melt (HRM) Analysis. The 79th Annual Meeting of the American Mosquito Control Association. Atlantic City, New Jersey, USA.
9. Rajaeifard AR, Nikbakhtzadeh MR & Alipour H. **2012**. Ecology of Malaria Vectors in southern part

of Iran. XXIV International Congress of Entomology. Daegu, Korea.

1. Nikbakhtzadeh MR, Terbot JW & Foster WA. **2011**. Attraction and discriminative behaviour of *Anopheles gambiae* (Diptera: Culicidae) to the odour of some Afrotropical plants. The 59th Annual Meeting of the Entomological Society of America. Reno, Nevada, USA.
2. Nikbakhtzadeh MR, Vahedi M, Vatandoost, H & Mehdinia A. **2011**. Distribution and intraspecific transfer of cantharidin and cantharidin-related compounds in *Hycleus scabiosae* (Coleoptera: Meloidae). The 59th Annual Meeting of the Entomological Society of America. Reno, Nevada, USA.
3. Nikbakhtzadeh MR, Naderi M. **2009**. *Paederus* (Col.: Staphylinidae) Diversity in Central Iran and Intraspecific Variations of Allopatric Populations of *Paederus mesopotamicus*. The 57th Annual Meeting of the Entomological Society of America. Indianapolis, Indiana, USA.
4. Nikbakhtzadeh MR, Saeidi S. **2009**. Cuticular Hydrocarbons in Kurdistan Populations of *Anopheles maculipennis* complex (Diptera: Culicidae). The 57th Annual Meeting of the Entomological Society of America. Indianapolis, Indiana, USA.
5. Nikbakhtzadeh MR. **2009**. Effects of the Recent Droughts on the Lake Ecosystems of Southern Iran. Proceedings of the 39th GfÖ Conference of Ecology. Bayreuth, Germany. pp. 92.
6. Nikbakhtzadeh MR, Movahhedi N. **2009**. Hydrocarbon Component of the Dufour Gland in the Iranian Populations of *Pachycondyla sennaarensis* (Formicidae: Ponerinae). Proceedings of the 6th DgaaE Congress of Entomology. Göttingen, Germany. pp. 282.
7. Nikbakhtzadeh MR, Movahhedi N & Tirgari S. **2008**. Abdominal Gland Secretions of the Samsum Ant, *Pachycondyla sennaarensis* (Hymenoptera: Formicidae). The 56th Annual Meeting of the Entomological Society of America. Reno, Nevada, USA.
8. Fakoorziba MR, Eghbal F, Nikbakhtzadeh MR. **2007**. Linear dermatitis reactions to *Paederus* beetles (Coleoptera: Staphylinidae) in Kazeron, Iran. Proceedings of the XX World Allergy Congress. Bangkok, Thailand. pp. 54-55.
9. Nikbakhtzadeh MR, Dettner K, Boland W, Gäde G & Dötterl S. **2007**. Intraspecific Transfer of Cantharidin within Meloid Beetles (Coleoptera: Meloidae). Proceedings of the XXVII Nordic-Baltic Congress of Entomology. Uppsala, Sweden. pp. 14.
10. Nikbakhtzadeh MR, Dettner K, Boland W & Hemp C. **2007**. *Cyaneolytta* sp.: A Chemical Approach to the Antennal Morphology of an East African species. Proceedings of the 5th DGaaE Congress of Entomology. Innsbruck, Austria. pp. 167-8.
11. Tirgari S, Nikbakhtzadeh MR. **2002**. *Paederus* Beetles (Coleoptera: Staphylinidae): An Urban Problem in Iran. Proceedings of the 4th International Conference on Urban Pests. Charleston, South Carolina, USA. pp. 401-407.
12. Fakoorziba MR, Nikbakhtzadeh MR & Momenbellah Fard MJ. **2000**. Dermatitis Linearis in Iran. International Congress of Tropical Medicine and Parasitology, New Challenges. Oxford University. Oxford, UK. pp. 159.