

PUBLICATIONS

Karim N. Jallad, Ph. D.

PEER REVIEWED PUBLICATIONS

Karim N. Jallad, “The Hazards of a Ubiquitary Metalloid, Arsenic, Hiding in Infant Diets: Detection, Speciation, Exposure, and Risk Assessment,” *Biological Trace Element Research*, Vol. 190, Issue 1, **July 2019**: 11-23.

Karim N. Jallad, “Chemical characterization of sunscreens composition and its related potential adverse health effects,” *Journal of Cosmetic Dermatology*, Vol. 16, Issue 3, **September 2017**: 353-357.

Karim N. Jallad, “Radiation hazard indices and excess lifetime cancer risk in sand from the northern and eastern regions of Kuwait,” *Environmental Earth Sciences*, Vol. 75, Issue 2, **January 2016**: 1-10.

Karim N. Jallad, “Heavy metal exposure from ingesting rice and its related potential hazardous health risks to humans,” *Environmental Science and Pollution Research*, Vol. 22, Issue 20, **October 2015**: 15449-58.

Karim N. Jallad, “Radioactive characterization of sand samples from Failaka Island in Kuwait,” *Journal of Radioanalytical and Nuclear Chemistry*, Vol. 303, Issue 1, **January 2015**: 733-741.

Karim N. Jallad, “Look beautiful but be aware: the hidden dangers of cosmetics,” *Household and Personal Care Today*, Vol. 9, Issue 3, **May/June 2014**: 55-58.

Karim N. Jallad, “Radioactive Investigation of Sand from the Northern Region of Kuwait,” *Environment and Natural Resources Research*, Vol. 3, Issue 4, **December 2013**, 68-77.

Karim N. Jallad and Cyntia Espada-Jallad, “Characterization of Road Traffic Emissions in a Densely Populated Residential Area of Kuwait”, *Environment and Natural Resources Research*, Vol. 2, Issue 2, **June 2012**, 2-15.

Karim N. Jallad and Cyntia Espada-Jallad, “Analysis of Ambient Ozone and Precursor Monitoring Data in a Densely Populated Residential Area of Kuwait”, *Journal of Saudi Chemical Society*, Vol. 14, Issue 4, **October 2010**, 363-372.

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Karim N. Jallad and Cyntia Espada-Jallad, "Spectroscopic Characterization of Geological Materials from the United Arab Emirates," *Arabian Journal of Geosciences* (2008) 1:119-127.

Karim N. Jallad and Cyntia Espada-Jallad, "Lead Exposure from the Use of Lawsonia inermis (Henna) in Temporary Paint-on-Tattooing and Hair Dying," *Science of the Total Environment*, 397 (2008) 244-250.

Karim N. Jallad, Burt C. Lynn, and Earl G. Alley, "Amine Promoted – Metal Enhanced Degradation of Mirex under High Temperature Conditions," *Journal of Hazardous Materials*, Vol. 135, Issues 1-3, **July 2006**, 437-442.

Karim N. Jallad and Hartmut G. Hedderich, "Characterization of a Hazardous Eyeliner (Kohl) by Confocal Raman Microscopy," *Journal of Hazardous Materials*, Vol. 124, Issues 1-3, **September 2005**, 236-240.

Michael D. Kennedy, **Karim N. Jallad**, June Lu, Dor Ben-Amotz, and Philip S. Low, "Evaluation of Folate Conjugate Uptake and Transport by the Choroid Plexus of Mice," *Pharmaceutical Research*, Vol. 20 No. 5, **May 2003**, 714-719.

Michael D. Kennedy, **Karim N. Jallad**, David H. Thompson, Dor Ben-Amotz, and Philip S. Low, "Optical Imaging of Metastatic Tumors Using a Folate-Targeted Fluorescent Probe," *Journal of Biomedical Optics* 8(4), 636-641 (**October 2003**).

Karim N. Jallad, Manu Santhanam, and Menashi D. Cohen, "Stability and Reactivity of Thaumasite at Different pH Levels," *Cement and Concrete Research*, 33 (2003) 433-437.

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BOOK CHAPTERS

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PATENTS

Karim N. Jallad, Michael D. Kennedy, Philip S. Low, and Dor Ben-Amotz, “Folate Targeted Enhanced Tumor and Folate Receptor Positive Tissue Optical Imaging Technology-Part II”. U.S. Patent 8,865,128 filed December 21, 2012, and issued *October 21, 2014*.

Karim N. Jallad, Michael D. Kennedy, Philip S. Low, and Dor Ben-Amotz, “Folate Targeted Enhanced Tumor and Folate Receptor Positive Tissue Optical Imaging Technology-Part I”. U.S. Patent 8,043,602 filed February 6, 2003, and issued *October 25, 2011*.