

Selected Publications of Interest to KPA Users

1. Lovley, D. R.; Phillips, E. J. P.; Gorby, Y. A.; Landa, E. R., "**Microbial Reduction of Uranium.**" *Nature*, 1991, 350, 413-416.
2. Brina, R.; Miller, A. G., "**Direct Detection of Trace Levels of Uranium by Laser-Induced Kinetic Phosphorimetry.**" *Analytical Chemistry*, 1992, 64, 1413-1418.
3. Gorby, Y. A.; Lovley, D. R., "**Enzymatic Uranium Precipitation.**" *Environmental Science & Technology*, 1992, 26, 205-207.
4. Hedaya, M. A.; Birkenfeld, H. P.; Kathren, R. L., "**A sensitive method for the determination of uranium in biological samples utilizing kinetic phosphorescence analysis (KPA).**" *Journal of Pharmaceutical and Biomedical Analysis*, 1997, 15, 1157-1165.
5. Miller, A. C.; Blakely, W. F.; Livengood, D.; Whittaker, T.; Xu, J. Q.; Ejniak, J. W.; Hamilton, M. M.; Parlette, E.; St John, T.; Gerstenberg, H. M.; Hsu, H., "**Transformation of human osteoblast cells to the tumorigenic phenotype by depleted uranium uranyl chloride.**" *Environmental Health Perspectives*, 1998, 106, 465-471.
6. McDiarmid, M. A.; Keogh, J. P.; Hooper, F. J.; McPhaul, K.; Squibb, K.; Kane, R.; DiPino, R.; Kabat, M.; Kaup, B.; Anderson, L.; Hoover, D.; Brown, L.; Hamilton, M.; Jacobson-Kram, D.; Burrows, B.; Walsh, M., "**Health effects of depleted uranium on exposed Gulf War veterans.**" *Environmental Research*, 2000, 82, 168-180.
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9. Raymond-Whish, S.; Mayer, L. P.; O'Neal, T.; Martinez, A.; Sellers, M. A.; Christian, P. J.; Marion, S. L.; Begay, C.; Propper, C. R.; Hoyer, P. B.; Dyer, C. A., "[Drinking water with uranium below the US EPA water standard causes estrogen receptor-dependent responses in female mice.](#)" *Environmental Health Perspectives*, 2007, 115, 1711-1716.

10. Hwang, C. C.; Wu, W. M.; Gentry, T. J.; Carley, J.; Corbin, G. A.; Carroll, S. L.; Watson, D. B.; Jardine, P. M.; Zhou, J. Z.; Criddle, C. S.; Fields, M. W., "[Bacterial community succession during in situ uranium bioremediation: spatial similarities along controlled flow paths.](#)" *ISME Journal*, 2009, 3, 47-64.

Methodological KPA Papers

1. Brina, R.; Miller, A. G., "[Direct Detection of Trace Levels of Uranium by Laser-Induced Kinetic Phosphorimetry.](#)" *Analytical Chemistry*, 1992, 64, 1413-1418.
2. Moore, L. L.; Williams, R. L., "[A Rapid Method for Determining Nanogram Quantities of Uranium in Urine Using the Kinetic Phosphorescence Analyzer.](#)" *Journal of Radioanalytical and Nuclear Chemistry-Articles*, 1992, 156, 223-233.
3. Brina, R.; Miller, A. G., "[Determination of Uranium And Lanthanides In Real-World Samples By Kinetic Phosphorescence Analysis, Spectroscopy.](#)" *Spectroscopy*, 1993, 8, 25-31.
4. Medley, D. W.; Kathren, R. L.; Miller, A. G., "[Diurnal Urinary Volume and Uranium Output in Uranium Workers and Unexposed Controls.](#)" *Health Physics*, 1994, 67, 122-130.
5. Hedaya, M. A.; Birkenfeld, H. P.; Kathren, R. L., "[A sensitive method for the determination of uranium in biological samples utilizing kinetic phosphorescence analysis \(KPA\).](#)" *Journal of Pharmaceutical and Biomedical Analysis*, 1997, 15, 1157-1165.
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8. Elliston, J. T.; Glover, S. E.; Filby, R. H., "[The determination of natural uranium in human tissues by recovery corrected kinetic phosphorescence analysis.](#)" *Journal of Radioanalytical and Nuclear Chemistry*, 2001, 248, 487-491.
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phosphorescence analysis for the determination of natural uranium in human tissues. *Journal of Radioanalytical and Nuclear Chemistry*, 2005, 263, 301-306.

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Publications Featuring KPA

1. Lovley, D. R.; Phillips, E. J. P.; Gorby, Y. A.; Landa, E. R., "[Microbial Reduction of Uranium.](#)" *Nature*, 1991, 350, 413-416.
2. Brina, R.; Miller, A. G., "[Direct Detection of Trace Levels of Uranium by Laser-Induced Kinetic Phosphorimetry.](#)" *Analytical Chemistry*, 1992, 64, 1413-1418.
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