

P. ARGITIS

LIST OF PUBLICATIONS AND PATENTS

a. JOURNAL PUBLICATIONS

1. P. Argitis, and E. Papaconstantinou, "Photocatalytic Multielectron Photoreduction of 18-Tungstodiphosphate in the Presence of Organic Compounds - Production of Hydrogen", *J. Photochem.*, **30**, 445-451, 1985.
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26. N. Glezos, P. Argitis, D. Velesiotis, I. Raptis, P. Hudek and I. Kostic, "Aqueous base development and acid diffusion length optimization in negative epoxy resist for electron beam lithography", **J. Vac. Sci. Technol B.**, 18(6), **3431-3434**, **2000**.
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74. M. Chatzichristidi, I. Rajta, Th. Speliotis, E. Valamontes, D. Goustouridis, P. Argitis, I. Raptis, Aqueous base developable-easy striping, high aspect ratio negative photoresist for optical and proton beam lithography, **Microsystem Technologies**, pp. 1-6, **in press 2008**
75. P. Argitis, D. Niakoula, A.M. Douvas, E. Gogolides, I. Raptis, V.P. Vidali, E.A. Couladouros, "Materials for lithography in the nanoscale", **Int. J. Nanotechnol.**, **in press 2008**
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b. BOOK CHAPTERS

1. E. Papaconstantinou, P. Argitis, D. Dimotikali, A. Hiskia, and A. Ioannidis, "Photocatalytic Oxidation of Organic Compounds with Heteropoly Electrolytes. Aspects on Photochemical Utilization of Solar Energy" **NATO ASI Series C 174**, "Homogeneous and Heterogeneous Photocatalysis", E. Pelizzetti and N. Serpone (eds.), Reidel Publishing Co., 1986, pp. 415-431.
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4. P. Argitis, Resists for nanolithography, **Encyclopedia of Nanoscience and Nanotechnology**, H.S. Nalwa ed., American Scientific Publishers, March 2004.

c. PUBLICATIONS IN CONFERENCE PROCEEDINGS

1. P. Argitis, R.A. Srinivas, J.C. Carls, and A. Heller, "Tungsten Nucleated Micropatterns and Via-Hole Walls Formed of Polytungstic Acid Containing Resist", **Materials Research Society Proceedings, Advanced Metallization for ULSI Applications, ULSI-VII, 1992**, pp 159-165.
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