



**by atomic layer deposition**

Tara Dhakal, Daniel Vanhart, Rachel Christian, Abhishek Nandur, Anju Sharma and Charles R. Westgate

J. Vac. Sci. Technol. A **30**, 021202 (2012); <http://dx.doi.org/10.1116/1.3687939>

[+ VIEW DESCRIPTION](#)

---

**PLASMA SCIENCE AND TECHNOLOGY****Populations of metastable and resonant argon atoms in radio frequency magnetron plasmas used for deposition of indium-zinc-oxide films**

L. Maaloul, S. Morel and L. Stafford

J. Vac. Sci. Technol. A **30**, 021301 (2012); <http://dx.doi.org/10.1116/1.3674162>

[+ VIEW DESCRIPTION](#)

---

***In situ* fabrication of blue ceramic coatings on wrought Al Alloy 2024 by plasma electrolytic oxidation**

Zhijiang Wang, Xueyuan Nie, Henry Hu and Riyad O. Hussein

J. Vac. Sci. Technol. A **30**, 021302 (2012); <http://dx.doi.org/10.1116/1.3675610>

[+ VIEW DESCRIPTION](#)

---

**On the scaling of rf and dc self-bias voltages with pressure in electronegative capacitively coupled plasmas**

Ankur Agarwal, Leonid Dorf, Shahid Rauf and Ken Collins

J. Vac. Sci. Technol. A **30**, 021303 (2012); <http://dx.doi.org/10.1116/1.3676182>

[+ VIEW DESCRIPTION](#)

---

**Abatement of CF<sub>4</sub> and CHF<sub>3</sub> byproducts using low-pressure plasmas generated by annular-shaped electrodes**

Min Hur, Jae O. K. Lee, Young Hoon Song and Hoon A. Yoo

J. Vac. Sci. Technol. A **30**, 021304 (2012); <http://dx.doi.org/10.1116/1.3679407>

[+ VIEW DESCRIPTION](#)

---

**Temperature dependence of the infrared absorption cross-sections of neutral species commonly found in fluorocarbon plasmas**

Caleb T. Nelson, Lawrence J. Overzet and Matthew J. Goeckner

J. Vac. Sci. Technol. A **30**, 021305 (2012); <http://dx.doi.org/10.1116/1.3679408>

[+ VIEW DESCRIPTION](#)

---

**Surprising importance of photo-assisted etching of silicon in chlorine-containing plasmas**

Hyungjoo Shin, Weiye Zhu, Vincent M. Donnelly and Demetre J. Economou

J. Vac. Sci. Technol. A **30**, 021306 (2012); <http://dx.doi.org/10.1116/1.3681285>

[+ VIEW DESCRIPTION](#)

---



