

## Supplement 2000-2004

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| 著者                           | Institute for Materials Research, Tohoku University                               |
| journal or publication title | List of Publications 2000-2004  |
| URL                          | <a href="http://hdl.handle.net/10097/56493">http://hdl.handle.net/10097/56493</a> |

Wawro, A; Kasuya, A

*STM imaging of magnetic dots with ferromagnetic tip*

Acta Phys. Pol. A 97 (2000) 547 – 550

00-04TC02753

Terasaki, O; Ohsuna, T; Inagaki, S

*New microporous and mesoporous materials: elucidation of their structures by electron microscopy*

Catal. Surv. Jpn. 4 (2000) 99 – 106

00-04TC02619

Yan, WF; Yu, JH; Xu, RR; Zhu, GS; Xiao, FS; Han, Y; Sugiyama, K; Terasaki, O

*[Al<sub>12</sub>P<sub>13</sub>O<sub>52</sub>](3-)[(CH<sub>2</sub>)<sub>6</sub>N<sub>4</sub>H<sub>3</sub>](3+): An anionic aluminophosphate molecular sieve with Bronsted acidity*

Chem. Mat. 12 (2000) 2517 – 2519

00-04TC00116

Tzoganakou, K; Skeldon, P; Thompson, GE; Zhou, X; Kreissig, U; Wieser, E; Habazaki, H; Shimizu, K

*Mobility of lithium ions in anodic alumina formed on an Al-Li alloy*

Corrosion Sci. 42 (2000) 1083 – 1091

00-04TC02121

Herrera-Erazo, AE; Habazaki, H; Shimizu, K; Skeldon, P; Thompson, GE

*Anodic film growth on Al-Nd alloys*

Corrosion Sci. 42 (2000) 1823 – 1830

00-04TC01359

Echeverria, F; Skeldon, P; Thompson, GE; Graham, MJ; Habazaki, H; Shimizu, K

*Formation of anodic oxides on Al<sub>0.2</sub>Ga<sub>0.8</sub>As and Al<sub>0.8</sub>Ga<sub>0.2</sub>As in tungstate electrolytes*

Corrosion Sci. 42 (2000) 1839 – 1851

00-04TC02096

Margadant, N; Skeldon, P; Textor, M; Thompson, GE; Wan, J; Habazaki, H; Shimizu, K; Spencer, ND; Wood, GC

*Gallium enrichment and film detachment during anodizing of an Al-Ga alloy*

Corrosion Sci. 42 (2000) 405 – 419

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Kihn, Y; Thompson, GE; Galaup, G; Skeldon, P; Zhou, X; Shimizu, K; Habazaki, H

*Morphology, composition and structure of anodic films on Al-Cr alloys*

Corrosion Sci. 42 (2000) 533 – 544

00-04TC01139

Shimizu, K; Brown, GM; Habazaki, H; Kobayashi, K; Skeldon, P; Thompson, GE; Wood, GC

*Selective oxidation of aluminium and interfacial enrichment of iron during anodic oxide growth on an Al<sub>6</sub>Fe phase*

Corrosion Sci. 42 (2000) 831 – 840

00-04TC01378

Kuzmann, E; Lakatos-Varsanyi, M; Nomura, K; Ujihira, Y; Masumoto, T; Principi, G; Tosello, C; Havancsak, K; Vertes, A

*Combination of electrochemical hydrogenation and Mossbauer spectroscopy as a tool to show the radiation effect of energetic heavy ions in Fe-Zr amorphous alloys*

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00-04TC02762

Kanomata, T; Sugawara, Y; Kaneko, T; Kamishima, K; Katori, HA; Goto, T

*Giant magnetovolume effect of CrTe*

J. Alloy. Compd. 297 (2000) 5 – 8

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*Synthesis of new, nanoporous carbon with hexagonally ordered mesostructure*

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Ido, H; Yamada, M; Nashima, O; Ito, T; Yoshida, H

*Anomalous magnetic properties of the compound SmCo<sub>3</sub>B<sub>2</sub>*

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Hasegawa, M; Ohno, K

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*MBE growth of high-quality ZnO films on epi-GaN*

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*Time-resolved photoluminescence in ZnO epitaxial thin films studied by up-conversion method*

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Shim, K; Rabitz, H; Chang, JH; Yao, TF

*Energy band gap of the alloy Zn<sub>1-x</sub>Mg<sub>x</sub>Se<sub>y</sub>Te<sub>1-y</sub> lattice matched to ZnTe, InAs and InP*

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*ZnO thin films prepared by remote plasma-enhanced CVD method*

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Kashiwaba, Y; Katahira, F; Haga, K; Sekiguchi, T; Watanabe, H

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*Influence of thermal and surface treatments on distributions of lead in Al-Pb foils*  
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Mu, DB; Jin, Y  
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*X-ray magnetic circular dichroism on Co monodispersive cluster assemblies*  
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*Partial structural functions of molten copper halides CuX (X = Br, I) estimated from the anomalous x-ray scattering measurements*  
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