

Crystal Chemistry

2000

Ichikawa, J; Uda, S; Shimamura, K; Fukuda, T; Nagata, H; Minowa, J

Ti : LiNbO₃ waveguide polarizer with a Zn-doped overlayer prepared by liquid-phase

Appl. Phys. Lett. 76 (2000) 1498 – 1500

00-IMR0447

Tsunekawa, S; Fukuda, T; Kasuya, A

Blue shift in ultraviolet absorption spectra of monodisperse CeO_{2-x} nanoparticles

J. Appl. Phys. 87 (2000) 1318 – 1321

00-IMR0448

Lebbou, K; Itagaki, H; Yoshikawa, A; Fukuda, T; Carillo-Romo, F; Boulon, G; Brenier, A; Cohen-Adad, MT

Effect of Yb³⁺ content on purity and crystal growth of

J. Cryst. Growth 210 (2000) 655 – 662

00-IMR0450

Chani, VI; Yoshikawa, A; Machida, H; Satoh, T; Fukuda, T

Growth of Tb₃Ga₅O₁₂ fiber and bulk crystals using micro-pulling-down

J. Cryst. Growth 210 (2000) 663 – 669

00-IMR0451

Shimamura, K; Baldochi, SL; Mujilatu, N; Nakano, K; Liu, ZL; Sarukura, N; Fukuda, T

Growth of Ce-doped LiCaAlF₆ and LiSrAlF₆ single crystals by the Czochralski technique under CF₄ atmosphere

J. Cryst. Growth 211 (2000) 302 – 307

00-IMR0452

Chani, VI; Yoshikawa, A; Machida, H; Fukuda, T

Melt growth of (Tb,Lu)(3)Al₅O₁₂ mixed garnet fiber

J. Cryst. Growth 212 (2000) 469 – 475

00-IMR0453

Ranieri, IM; Shimamura, K; Nakano, K; Fujita, T; Courrol, LC; Morato, SP; Fukuda, T

Growth and characterization of LiGd_{1-x-y}Y_xNdyF₄ single

J. Cryst. Growth 217 (2000) 145 – 150

00-IMR0454

Ranieri, IM; Shimamura, K; Nakano, K; Fujita, T; Liu, Z; Sarukura, N; Fukuda, T

Crystal growth of Ce : LiLuF₄ for optical

J. Cryst. Growth 217 (2000) 151 – 156

00-IMR0455

Tomm, Y; Reiche, P; Klimm, D; Fukuda, T

Czochralski grown Ga₂O₃

J. Cryst. Growth 220 (2000) 510 – 514

00-IMR0456

Yamaga, M; Imai, T; Shimamura, K; Fukuda, T; Honda, M

Optical spectroscopy of Ce³⁺ in

J. Phys.-Condes. Matter 12 (2000) 3431 – 3439

00-IMR0457

Yamaga, M; Honda, M; Shimamura, K; Fukuda, T; Yosida, T
Electron spin-resonance study on Ce³⁺ in
J. Phys.-Condes. Matter 12 (2000) 5917 – 5928

00-IMR0458

Okada, S; Yu, Y; Kudou, K; Shishido, T; Tanaka, T; Higashi, I; Lundstrom, T; Fukuda, T
Synthesis and investigation of large crystals of (Cr_{1-x}TM_x)(3)B-4 with TM = Ti, V, Nb, Ta, Mo, and
J. Solid State Chem. 154 (2000) 45 – 48

00-IMR0459

Ko, JM; Durbin, SD; Fukuda, T; Inaba, K
Nonisomorphic ErF₃ layers on Si(111) substrates grown by molecular beam
J. Vac. Sci. Technol. A-Vac. Surf. Films 18 (2000) 922 – 926

00-IMR0460

Rudolph, P; Yoshikawa, K; Fukuda, T
Studies on meniscus and diameter stability during the growth of fiber crystals by the micro-pulling-down method
Jpn. J. Appl. Phys. Part 1 – Regul. Pap. Short Notes Rev. Pap. 39 (2000) 5966 – 5969

00-IMR0461

Liu, ZL; Shimamura, K; Nakano, K; Mujilatu, N; Fukuda, T; Kozeki, T; Ohtake, H; Sarukura, N
Direct generation of 27-mJ, 309-nm pulses from a Ce³⁺: LiLuF₄ oscillator using a large-size Ce³⁺: LiLuF₄ crystal
Jpn. J. Appl. Phys. Part 2 – Lett. 39 (2000) L88 – L89

00-IMR0462

Jung, IH; Shim, KB; Auh, KH; Fukuda, T
The defect distribution and chemical etching of Langasite (La₃Ga₅SiO₁₄) crystals grown by the Czochralski method
Mater. Lett. 46 (2000) 354 – 357

00-IMR0463

Lebbou, K; Yoshikawa, A; Fukuda, T; Adad, MTC; Boulon, G; Brenier, A; Ferriol, M
Barium sodium niobate single crystal fiber growth by the micro-pulling down (mu-PD)
Mater. Res. Bull. 35 (2000) 1277 – 1284

00-IMR0465

Chani, VI; Yoshikawa, A; Kuwano, Y; Inaba, K; Omote, K; Fukuda, T
Preparation and characterization of Yb : Y₃Al₅O₁₂ fiber
Mater. Res. Bull. 35 (2000) 1615 – 1624

00-IMR0466

Takeda, H; Sato, J; Kato, T; Kawasaki, K; Morikoshi, H; Shimamura, K; Fukuda, T
Synthesis and characterization of Sr₃TaGa₃Si₂O₁₄ single
Mater. Res. Bull. 35 (2000) 245 – 252

00-IMR0464

Kang, JY; Fukuda, T
Growth exploration of compositionally uniform bulk semiconductors under a high magnetic field of 80 000 Gauss
Mater. Sci. Eng. B-Solid State Mater. Adv. Technol. 75 (2000) 149 – 152

00-IMR0468

Chani, VI; Yoshikawa, A; Machida, H; Fukuda, T

(Tb,Yb)(3)Al5O12 garnet: crystal-chemistry and fiber growth by micro-pulling-down

Mater. Sci. Eng. B-Solid State Mater. 75 (2000) 53 – 60
Adv. Technol.

00-IMR0467

Tsunekawa, S; Sahara, R; Kawazoe, Y; Kasuya, A

Origin of the blue shift in ultraviolet absorption spectra of nanocrystalline Ce_{0.2-x}

Mater. Trans. JIM 41 (2000) 1104 – 1107

00-IMR0242

Urata, Y; Wade, S; Tashiro, H; Fukuda, T

Doping of an absorbent into a Raman crystal for suppression of higher-order Stokes

Opt. Lett. 25 (2000) 752 – 754

00-IMR0469

Tsunekawa, S; Ito, S; Mori, T; Ishikawa, K; Li, ZQ; Kawazoe, Y

Critical size and anomalous lattice expansion in nanocrystalline BaTiO₃ particles

Phys. Rev. B 62 (2000) 3065 – 3070

00-IMR0256

Tsunekawa, S; Ishikawa, K; Li, ZQ; Kawazoe, Y; Kasuya, A

Origin of Anomalous Lattice Expansion in Oxide

Phys. Rev. Lett. 85 (2000) 3440 – 3443

00-IMR0260

Lebbou, K; Yoshikawa, A; Kikuchi, M; Fukuda, T; Cohen-Adad, MT; Boulon, G

Superconductor Bi2212 fiber growth from the melt by micro-pulling down

Physica C-Superconductivity and Its Application 336 (2000) 254 – 260

00-IMR0343

Tsunekawa, S; Fukuda, T; Kasuya, A

X-ray photoelectron spectroscopy of monodisperse CeO_{2-x}

Surf. Sci. 457 (2000) L437 – L440

00-IMR0470
