

Analysis and optimization of loaded cantilever beam microactuators

Kruusing, Arvi Smart materials and structures 2000 / 2, p. 186-196

ArF laser ablation deposited NdFeB films on silicon

Kruusing, Arvi; Podgurski, Vitali International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 156-159: ill

Baltic-Nordic cooperation of Tallinn Technical University and University of Oulu in the field of micromechanical systems research

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti Proceedings of VIth NEXUSPAN Workshop Microsystems Technology Activities in Baltic Region : 23-24 April, 1999, Vilnius, Lithuania 1999 / p. 92-95

Diamond-like carbon coatings on NdFeB magnets

Kruusing, Arvi; Podgurski, Vitali; Osvet, Andres; Herranen, Merja Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 1, p. 26-33: ill

Eksimeerlaserid tehnoloogias

Kruusing, Arvi Tehnika ja Tootmine 1992 / 4, lk. 13-17: fotod; 5, lk. 15-17; 6, lk. 14-16: ill

Electro-discharge machining of ceramic magnetic materials

Kruusing, Arvi; Makarova, Olga; Uusimäki, Antti; Leppävuori, Seppo Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 114-117: ill

Elektrit juhtivate polümeeride rakendusi taktilsetes liides

Kruusing, Airi; Idla, Katrin; Kruusing, Arvi XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 67-68

ESA - Euroopa Kosmoseagentuur

Kruusing, Arvi Tehnikaülikool 1997 / 17. nov., lk. 7-9: ill https://www.ester.ee/record=b5309277*est

Fabrication of miniature permanent magnets

Kruusing, Arvi Proceedings of the Second National DAAAM Conference in Estonia : Science'96 1997 / p. 57-62

Flow sensing and pumping using flexible permanent magnet beams

Kruusing, Arvi; Mikli, Valdek The 8th International Conference on Solid-State Sensors and Actuators and Eurosensors IX : digest of technical papers : June 25-29, 1995, Stockholm, Sweden. Vol. 2, Sessions A7-D13, papers no 232-496 1995 / p. 299-302

Flow sensing and pumping using flexible permanent magnet beams

Kruusing, Arvi; Mikli, Valdek Sensors and actuators 1996 / p. 59-64

Hannoveris lasertehnoloogiaga tutvumas

Kruusing, Arvi Tehnikaülikool 1996 / 23. mai, lk. 2 https://www.ester.ee/record=b5309277*est

Investigation of surface morphology of Nd₂Fe₁₄B and Nd₂Fe₁₄B+DLC thin films

Podgurski, Vitali; Kruusing, Arvi Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 107-109: ill

Laser ablation of Nd-Fe-B magnets

Kruusing, Arvi; Podgurski, Vitali; Mikli, Valdek Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 137-142: ill

Laser cutting of NdFeB

Kruusing, Arvi; Uusimäki, Antti; Leppävuori, Seppo Materials Engineering - 98 : materials of the VII-th International Baltic Conference, September 24-25, Jurmala, Latvia 1998 / p. 105-108: ill

Lasertehnika ja optika näitus-mess Münchenis

Kruusing, Arvi Tehnikaülikool 1997 / 1. sept., lk. 6-7: ill

Light written self-quenching or erasable conductive patterns in semiconductors : a review

Kruusing, Arvi; Mellikov, Enn ADOM-2 : 2nd International Conference "Advanced Optical Materials and Devices" : abstracts 2000 / p. 47

Magnetic microdevices and their fabrication methods

Kruusing, Arvi 1997 http://www.ester.ee/record=b1060171*est

Magnetic microdevices and their fabrication methods : [a thesis of doctor of engineering]

Kruusing, Arvi 1997 http://www.ester.ee/record=b2688038*est

Mask-defined abrasive-jet micromachining

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti; Uusimäki, M. MICRO SYSTEM Technologies 98 : 6th International Conference and Exhibition on Micro Electro, Opto, Mechanical Systems and Components : Potsdam, Germany, December 1-3, 1998 1998 / p. 673-675

Metalliühendite laserstimuleeritud sadestamise uurimine : aruanne : nr. G-429 : teadussuuna klass 1.7, 2.2

Kruusing, Arvi 1994

Micromachining of magnetic materials

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti; Petretis, Br.; Makarova, O. Sensors and actuators 1999 / 1/3, p. 45-51

Mikromehaanika Euroopas ja Eestis

Kruusing, Arvi Tallinna Ülikoolid 1997 / 3, lk. 28-30: ill

Miniature acceleration sensors

Kruusing, Arvi Proceedings of Maintenance, Condition Monitoring and Diagnostics - International Seminar held in October 2-3, 2000 in Oulu, Finland 2000 / p. 141-147

Miniature printedcoil electromagnetic actuator

Kruusing, Arvi International Conference Micromechanics EU 10PE '97, Southampton, 1-2 Sept. 1997 : proceedings 1997 / p. 112-115

Nd-Fe-B films and microstructures

Kruusing, Arvi International materials reviews 1999 / p. 1-20

On the voltage across an inductor with time-varying turn number

Kruusing, Arvi; Tauts, Ants 43. Internationales Wissenschaftliches Kolloquium, 21.-24.09.1998. Band 4, Elektroenergiesysteme und elektrische Geräte, Diagnostik, Hochspannungstechnik und elektrische Isoliertechnik, Energiewandlung : Vortragsreihen 1998 / p. 628-633: ill

Optimizing magnetization orientation of permanent magnets for maximal gradient force

Kruusing, Arvi Journal of magnetism and magnetic materials 2001 / p. 545-555

Oulu Ülikool 40aastane

Kruusing, Arvi Tehnikaülikool 1998 / 13. apr., lk. 9

Photoconductive patterns in semiconductors for electromagnetic field control : a review

Kruusing, Arvi; Mellikov, Enn Proceedings of SPIE 2001 / p. 22-32

Printed solenoid windings for miniature electromagnetic devices

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti Journal of micromechanics and microengineering 1999 / 2, p. 166-169: ill

Printed solenoid windings for miniature electromagnetic devices

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti Proceedings of the 9th Workshop on Micromachining, Micromechanics and Microsystems : MME'98, June 3-5, 1998, Ulvik, Norway 1998 / p. 179-181

Production of fine powders by laser light

Kruusing, Arvi; Podgurski, Vitali; Mikli, Valdek Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 9-12: ill https://www.ester.ee/record=b1492085*est

Rapid prototyping of silicon structures by aid of laser and abrasive-jet machining

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti; Uusimäki, M. Design, Test and Microfabrication of MEMS and MOEMS : 30 March-1 April, 1999, Paris, France 1999 / p. 870-878 : ill

Research of permanent magnet microfabrication technology and electromagnetic microdevices at Tallinn Technical University

Kruusing, Arvi; Podgurski, Vitali Proceedings of the Third Micro Structure Workshop : March 24-25, 1998 1998 / p. 71-78

Surface machined permanent magnets for electromagnetic microactuators

Kruusing, Arvi International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 182-185: ill

Surface treatment with excimer laser light - the Estonian opportunity

Kruusing, Arvi Surface 95 : 1st Central, Eastern and Northern Europe Regional Conference on Surface Treatment : Technologies, Environmental and Standardization, September 4-8, 1995, Palanga, Lithuania 1995 / p. 49-50

Süvauurimus plasmatehnikast : [materjalitehnika instituudi teaduri Enno Kriegeri magistriväitekirjast]

Kruusing, Arvi Tehnikaülikool 1999 / lk. 5: portr

Tehnoloogia asemel tehnika

Kruusing, Arvi Sõnumileht 1998 / 20. apr., lk. 7

Termotuumaelektrijaama turvalisus ja mõju keskkonnale

Kruusing, Arvi Energia Teataja = Энерговестник 1996 / lk. 14-16, 45-47: ill https://www.ester.ee/record=b1072156*est

Termotuumaeenergeetika on jätkuvalt aktuaalne

Kruusing, Arvi Energia Teataja = Энерговестник 1996 / lk. 20-23, 49-52: ill https://www.ester.ee/record=b1072156*est

The investigation of the structure of NdFeB surface, acted by laser irradiation

Petretis, Br.; Balciuniene, M.; **Kruusing, Arvi** Materials Engineering - 98 : materials of the VII-th International Baltic Conference, September 24-25, Jurmala, Latvia 1998 / p. 109-112: ill

Thin films by laser ablation

Podgurski, Vitali; Kruusing, Arvi; Altosaar, Mare; Krunks, Malle; Mellikov, Enn International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 199

Underwater and water-assisted laser processing. Part 1, General features, steam cleaning and shock processing

Kruusing, Arvi Optics and lasers in engineering 2004 / 2, p. 307-327 : ill

Underwater and water-assisted laser processing. Part 2, Etching, cutting and rarely used methods

Kruusing, Arvi Optics and lasers in engineering 2004 / 2, p. 329-352 : ill

Лазерная абляция магнитных и полупроводниковых материалов : работа ... магистра технических наук

Podgurski, Vitali 1996 https://www.ester.ee/record=b2681294*est