

Tablo 4a

IŞIK ÜNİVERSİTESİ

ATIF ENDEKSLİ DERGİLERDE YAYINLANAN MAKALELERİ

Işık Üniversitesinin toplam ve kişi başına yayın sayısı bakımından gelişimi aşağıdaki tabloda gösterilmektedir.

| YILLAR İÇİNDE (ENDEKSLİ DERGİLERDEKİ) YAYIN SAYILARI | | | | | | |
|--|------|------|-------|--------------|-------------|--------------------|
| | SCI | SSCI | A&HCI | Toplam yayın | Öğr. Üyesi* | Yayın / öğr. üyesi |
| 2000 | 11 | 0 | 0 | 11 | 19 | 0.58 |
| 2001 | 14 | 0 | 0 | 14 | 21 | 0.67 |
| 2002 | 13 | 1 | 0 | 14 | 24 | 0.58 |
| 2003 | 19 | 2 | 0 | 21 | 26 | 0.81 |
| 2004 | 23 | 0 | 0 | 23 | 34 | 0.68 |
| 2005 | 33 | 4 | 0 | 37 | 36 | 1.03 |
| 2006 | 35 | 4 | 1 | 40 | 48 | 0.83 |
| 2007 | 33** | 7 | 0 | 40 | 50 | 0.80 |
| 2008 | 35 | 6 | 0 | 41 | 59 | 0.69 # |
| 2009 | 28 | 6 | 0 | 34 | 58 | 0.59 ## |

* yıl başındaki sayı **bir yayının Işık adresi yok

Güzel Sanatlar Fakültesi öğr.üyesi (9) çıkarıldığında oran **0.82** dir.

Güzel Sanatlar Fakültesi öğr.üyesi (10) çıkarıldığında oran **0.71** dir

Ayrıca bu yayınların dağılımı ile ilgili değerler aşağıda gösterilmiştir:

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Toplam yayın sayısı | 14 | 14 | 21 | 23 | 37 | 40 | 40 | 40 | 34 |
| Yayın yapan sayısı | 6 | 7 | 9 | 12 | 16 | 22 | 23 | 22 | 21 |
| Gini coefficient | 33 | 40 | 39 | 37 | 47,8 | 41 | 39,6 | 37,9 | 26,9 |

2004-2009 yıllarındaki yayın listeleri aşağıdadır:

2004

SCI-EXPANDED

1. Demiray H

Weakly nonlinear waves in a linearly tapered elastic tube filled with a fluid
MATHEMATICAL AND COMPUTER MODELLING 39 (2-3): 151-162 JAN 2004

2. Demiray H

The effect of a bump on wave propagation in a fluid-filled elastic tube
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE 42 (2): 203-215 JAN 2004

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Range sensing with a Scheimpflug camera and a CMOS sensor/processor chip
IEEE SENSORS JOURNAL 4 (1): 36-44 FEB 2004

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Modulation of nonlinear waves near the marginal state of instability in fluid-filled elastic tubes
APPLIED MATHEMATICS AND COMPUTATION 149 (1): 83-101 FEB 5 2004

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Solitary waves in a tapered prestressed fluid-filled elastic tube
ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK 55 (2): 282-294 MAR 2004

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Iterative channel estimation approach for space-time/frequency coded OFDM systems with transmitter diversity
EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS 15 (3): 235-248 MAY-JUN 2004

7. Tuzel VH, Erbay HA

The dynamic response of an incompressible non-linearly elastic membrane tube subjected to a dynamic extension
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 39 (4): 515-537 JUN 2004

8. Demiray H

A travelling wave solution to the KdV-Burgers equation
APPLIED MATHEMATICS AND COMPUTATION 154 (3): 665-670 JUL 15 2004

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Amplitude modulation of nonlinear waves in a fluid-filled tapered elastic tube
APPLIED MATHEMATICS AND COMPUTATION 154 (3): 747-767 JUL 15 2004

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Forward-viewing CMUT arrays for medical Imaging
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL 51 (7): 887-895 JUL 2004

11. Babaoglu C, Erbay S

Two-dimensional wave packets in an elastic solid with couple stresses
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 39 (6): 941-949 AUG 2004

12. Demiray H

On the existence of some evolution equations in fluid-filled elastic tubes and their progressive wave solutions

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE 42 (15-16): 1693-1706
SEP 2004

13. Hacinliyan I, Erbay S

Coupled quintic nonlinear Schrodinger equations in a generalized elastic solid
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 37 (40): 9387-9401
OCT 8 2004

14. Yarman T

An essential approach to the architecture of diatomic molecules: 1. Basic theory
OPTICS AND SPECTROSCOPY 97 (5): 683-690 NOV 2004

15. Yarman T

Elucidation of the complete set of H-2 electronic states' vibrational data
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 29 (14): 1521-1526 NOV
2004

16. Dimitrov VI

A model of AlN layer formation during ion nitriding of Al
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING 79 (7): 1829-1832
NOV 2004

17. Yarman T

An essential approach to the architecture of diatomic molecules: 2. How are size,
vibrational period of time, and mass interrelated?
OPTICS AND SPECTROSCOPY 97 (5): 691-700 NOV 2004

18. Yarman BS, Kilinc A, Aksen A

Immittance data modelling via linear interpolation techniques: A classical circuit theory
approach
INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS 32 (6):
537-563 NOV-DEC 2004

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Adaptive Kalman receiver for OFDM systems with transmit diversity in mobile wireless
channels
FREQUENZ 58 (11-12): 234-238 NOV-DEC 2004

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Global existence and nonexistence results for a generalized Davey-Stewartson system
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 37 (48): 11531-
11546 DEC 3 2004

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A new theory of complex rays
IMA JOURNAL OF APPLIED MATHEMATICS 69 (6): 521-537 DEC 2004

22. Idemen M, Alkumru A

Influence of the velocity on the energy patterns of moving scatterers
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS 18 (1): 3-22
2004

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A Computer-Aided Design technique for lossless matching networks with mixed, lumped
and distributed elements

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Molecular recognition during sol-gel and gel-sol transition of kappa-iota carrageenan mixtures ;

PHASE TRANSITIONS 78 (12): 915-926 DEC 2005

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Design of a front-end integrated circuit for 3D acoustic imaging using 2D CMUT arrays

IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND

FREQUENCY CONTROL 52 (12): 2235-2241 DEC 2005

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Time evolution of film formation from polystyrene particles: a percolation approach

COLLOID AND POLYMER SCIENCE 284 (3): 309-316 DEC 2005

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Synthesis and liquid crystalline behavior of random copolymer of poly(ethylene oxide) macromonomer and liquid crystalline monomer by the photon transmission technique

JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED

CHEMISTRY A42 (12): 1573-1588 2005

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Universal behaviour of glass transition exponents in various polymeric systems

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Percolation approach to film formation from surfactant-free polystyrene particles

PHASE TRANSITIONS 78 (7-8): 593-606 SEP 2005

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Film formation from pure and mixed latices; transient fluorescence study

JOURNAL OF COLLOID AND INTERFACE SCIENCE 291 (2): 405-410 NOV 15

2005

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Hybrid high dimensional model representation (HHDMM) on the partitioned data

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS 185 (1): 107-

132 JAN 1 2006

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Films formed from polystyrene latex/clay composites: A fluorescence study

JCT RESEARCH 2 (7): 565-575 JUL 2005

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Molecular alignment during gel formation from methyl methacrylate: An excimer fluorescence study

PHASE TRANSITIONS 78 (5): 387-400 MAY 2005

- 11. Ugur S, Salman OU, Tepehan G, Tepehan F, Pekcan O**
Fluorescence study on Al₂O₃-polystyrene latex composite film formation
POLYMER COMPOSITES 26 (3): 352-360 JUN 2005
- 12. Kiris A, Inan E**
Eshelby tensors for a spherical inclusion in microelongated elastic fields
INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE 43 (1-2): 49-58 JAN 2005
- 13. Baqai FA, Lee JH, Agar AU, et al.**
Digital color halftoning
IEEE SIGNAL PROCESSING MAGAZINE 22 (1): 87-96 JAN 2005
- 14. Johnson JA, Oralkan O, Ergun S, et al.**
Coherent array imaging using phased subarrays. Part II: Simulations and experimental results
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL 52 (1): 51-64 JAN 2005
- 15. Johnson JA, Karaman M, Khuri-Yakub BT**
Coherent-array imaging using phased subarrays. Part I: Basic principles
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL 52 (1): 37-50 JAN 2005
- 16. Akdeniz R, Yarman S**
A novel method to represent speech signals
SIGNAL PROCESSING 85 (1): 37-50 JAN 2005
- 17. Erbay HA, Tuzel VH**
Dynamic extension of a compressible nonlinearly elastic membrane tube
IMA JOURNAL OF APPLIED MATHEMATICS 70 (1): 25-38 FEB 2005
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IMA JOURNAL OF APPLIED MATHEMATICS 70 (1): 15-24 FEB 2005
- 19. Demiray H**
Complex travelling wave solutions to the KdV and Burgers equations
APPLIED MATHEMATICS AND COMPUTATION 162 (2): 925-930 MAR 15 2005
- 20. Demiray H**
Weakly nonlinear waves in a viscous fluid contained in a viscoelastic tube with variable cross-section
EUROPEAN JOURNAL OF MECHANICS A-SOLIDS 24 (2): 337-347 MAR-APR 2005
Times Cited: 0
- 21. Tunga MA, Demiralp M**
A factorized high dimensional model representation on the nodes of a finite hyperprismatic regular grid
APPLIED MATHEMATICS AND COMPUTATION 164 (3): 865-883 MAY 25 2005
- 22. Demiray H**
The modified reductive perturbation method as applied to Boussinesq equation: strongly dispersive case
APPLIED MATHEMATICS AND COMPUTATION 164 (1): 1-9 MAY 5 2005

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POLYMERS FOR ADVANCED TECHNOLOGIES 16 (5): 405-412 MAY 2005

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APPLIED MATHEMATICS LETTERS 18 (8): 941-950 AUG 2005

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JOURNAL OF NON-CRYSTALLINE SOLIDS 351 (30-32): 2394-2402 SEP 1 2005

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A Complex Travelling Wave Solution to The KdV-Burgers Equation
Physics Letters A 344 (2005): 418-422

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Derivation of the Lorentz transformation from the Maxwell equations
JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS 19 (4): 451-467 2005

32. Haliloglu E, Johnston EH

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ROCKY MOUNTAIN JOURNAL OF MATHEMATICS 35 (1): 167-179 2005

33. Miran B, Akgungor S

The effect of mad cow (BSE) scare on beef demand and sales loss: The case of Izmir
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES 29 (2): 225-231 2005

1. Aytac S

Multilingual information retrieval on the Internet: A case study of Turkish users
INTERNATIONAL INFORMATION & LIBRARY REVIEW 37 (4): 275-284 DEC 2005

2. Polat RK

The Internet and political participation - Exploring the explanatory links
EUROPEAN JOURNAL OF COMMUNICATION 20 (4): 435-459 DEC 2005

3. Polat RK

The Internet and democratic local governance: The context of Britain
INTERNATIONAL INFORMATION & LIBRARY REVIEW 37 (2): 87-97 JUN 2005

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Citizenship and minorities: A historical overview of Turkey's Jewish minority
JOURNAL OF HISTORICAL SOCIOLOGY 18 (4): 394-429 DEC 2005

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The effect of clay particles on film formation from polystyrene latex
POLYMER COMPOSITES 27 (3): 299-308 JUN 2006

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Small molecule desorption prior to dissolution of a polymeric glass
JOURNAL OF APPLIED POLYMER SCIENCE 101 (2): 908-912 JUL 15 2006

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Vapor-induced film formation from low-T-g particles for different solvent compositions
JOURNAL OF COLLOID AND INTERFACE SCIENCE 297 (2): 520-524 MAY 15 2006

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Querying sensor networks by using dynamic task sets
COMPUTER NETWORKS 50 (7): 938-952 MAY 15 2006

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Size-dependent self-organization of colloidal particles on chemically patterned surfaces
LANGMUIR 22 (6): 2415-2417 MAR 14 2006

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JOURNAL OF APPLIED POLYMER SCIENCE 100 (3): 2104-2110 MAY 5 2006

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Ceramic encapsulated latex composites

JOURNAL OF COLLOID AND INTERFACE SCIENCE 295 (2): 457-463 MAR 15 2006

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INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS 41 (2): 258-270 MAR 2006

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Linear expansions for frequency selective channels in OFDM

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS 60 (3): 224-234 2006

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End-effector trajectory control in a two-link flexible manipulator through reference joint angle values modification by neural networks

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Theory of fluidity of liquids, glass transition, and melting

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APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING 83 (1): 1-3 APR 2006

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Two remarks on a generalized Davey-Stewartson system

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16. Kara S, Pekcan O, Sarac A, Arda E

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Quarantine region scheme to mitigate spam attacks in wireless sensor networks

IEEE TRANSACTIONS ON MOBILE COMPUTING, 5 (8): 1074-1086 AUG 2006

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On the comparative results of "SYMPES: A new method of speech modeling"

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, 60 (6): 421-427 2006

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Reordering of polystyrene gel due to multiple swelling in organic vapor - Fast transient
fluorescence technique study
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 181
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Universal behaviour of gel formation from acrylamide-carrageenan mixture around the
gel point: A fluorescence study
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Au(111) measured by photoemission spectroscopy
PHYSICAL REVIEW B, 74 (3): Art. No. 033410 JUL 2006

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Interaction of nonlinear waves governed by Boussinesq equation
CHAOS SOLITONS & FRACTALS, 30 (5): 1185-1189 DEC 2006

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Phase transitions of kappa-Carrageenan gels in various types of salts
JOURNAL OF APPLIED POLYMER SCIENCE, 102 (3): 3008-3016 NOV 5 2006

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The sectoral sweeper scheme for wireless sensor networks: Adaptive antenna array based
sensor node management and location estimation
WIRELESS PERSONAL COMMUNICATIONS, 39 (4): 415-433 DEC 2006

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Critical behavior of thermal phase transitions of iota-carrageenan in CaCl₂ solution
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 367: 69-78
JUL 15 2006

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preheat temperature
RADIATION MEASUREMENTS, 41 (7-8): 917-922 Sp. Iss. SI AUG-SEP 2006

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fluorescence technique
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INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, 44 (17): 1164-1172
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iterative waterfilling

IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, 5 (11): 3215-3223
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Film formation from nano-sized polystyrene latex covered with various TiO₂ layers
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JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, 39 (43): 13435-
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PHYSICA D-NONLINEAR PHENOMENA, 224 (1-2): 35-41 DEC 2006

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technique
PHASE TRANSITIONS, 79 (11): 921-933 NOV 2006

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ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF
PHYSICAL SCIENCES, 61 (12): 641-651 DEC 2006

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Turkey's Jews and their immigration to Israel
MIDDLE EASTERN STUDIES, 42 (3): 505-519 MAY 2006

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Europe, Turkey and the Middle East: Is harmonisation possible?
EAST EUROPEAN QUARTERLY, 40 (3): 367-381 FAL 2006

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MIDDLE EAST POLICY, 13 (4): 132-147 WIN 2006

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EU enlargement conditions and minority protection: A reflection on Turkey's non-
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EAST EUROPEAN QUARTERLY, 40 (4): 489-518 WIN 2006

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COLLOID AND POLYMER SCIENCE, 285 (4): 423-430 JAN 2007

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Monovalent and divalent cation effects on phase transitions of iota-carrageenan
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Air interface identification for Software Radio systems
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, 61 (2): 104-117 2007

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A parallel implementation: Real space Green's function technique
INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTING APPLICATIONS, 21 (1): 66-74 SPR 2007

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Cation effects on phase transition of kappa-iota-carrageenan hybrids: a photon transmission study
COMPOSITE INTERFACES, 14 (1): 1-19 2007

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PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, 50: 163-171 Part 1 FEB 2007

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MATHEMATICS AND COMPUTERS IN SIMULATION, 74 (2-3): 113-125 MAR 7 2007

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JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 24 (5): 505-513
APR 2007

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ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF
PHYSICAL SCIENCES, 62 (1-2): 21-28 JAN-FEB 2007

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Film formation from TiO₂-polystyrene latex composite: a fluorescence study
COMPOSITE INTERFACES, 14 (3): 243-260 2007

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JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS, 46 (3): 581-590 2007

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quartz samples RADIATION MEASUREMENTS, 42 (2): 144-155 FEB 2007

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Predictive vector quantization of 3-D mesh geometry by representation of vertices in local coordinate systems
JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, 18 (4): 341-353 AUG 2007

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EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING: Art. No. 12071 2007

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JOURNAL OF MATERIALS SCIENCE, 42 (20): 8481-8488 OCT 2007

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