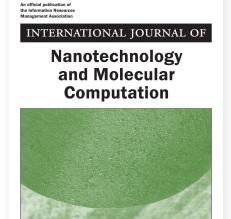
International Journal of



IGI PUBLISHING

Individual Price:

E-Journal: US \$315.00 **Print:** US \$460.00

Print + E-Journal: US \$615.00

Institution Price:

Print: US \$1,295.00

Online Access: US \$1,295.00

Print + Online Access: US \$1,855.00

Institution Online Access Backfile: US TBD

Prices are subject to change without notification.

Nanotechnology and Molecular Computation (IJNMC)

ISSN: 1941-6318; EISSN: 1941-6326 Established 2009; Published Quarterly

Editor(s)-in-Chief: Bruce MacLennan (University of Tennessee - Knoxville, USA) and Keshav Deo Verma (S.V. (P.G.) College, India)

IJNMC publishes groundbreaking and innovative research in all areas of nanotechnology and molecular computation. These include, but are not limited to, theoretical, empirical, and technological research on all forms of molecular and chemical computing (DNA, RNA, peptide, etc.), membrane computing, carbon nanotubes and other nanoscale devices, quantum information processing, nanocomputation, algorithmic assembly and morphogenesis, complex adaptive matter and intelligent materials, molecular machines, nanorobotics, and new computational paradigms appropriate to nanotechnology. IJNMC is especially seeking papers in the fruitful interdisciplinary field where nanoscience and computer science meet.

Topics Covered:

- Active materials
- · Algorithmic assembly
- · Applications of nanotechnology
- Autonomous molecular computation
- Biomimetics
- Carbon nanotube devices
- Chemical computing
- Complex adaptive matter
- Computation in thin films
- Computational Mechanics
- Computational nanotechnology
- Computational tissues

- Defect-/Fault-tolerant computing
- DNA/RNA computation
- Emergent organization
- Environmental impact
- Intelligent materials
- Membrane computation
- Molecular computation
- Molecular machines
- Morphogensis
- Nanoassembly
- Nanobiotechnology
- Nanocomputation
- Nanofluidics

- Nanorobotics
- Optical computation
- Organic computation
- P systems
- Peptide computation
- Programmable matter
- Quantum computation
- Quantum information processing
- · Self-assembly
- Self-healing materials
- Spintronics
- Theory of molecular computation

EDITOR-IN-CHIEF BIO

Bruce MacLennan received a BS (1972) in mathematics (with honors) from Florida State University and a MS (1974) and PhD (1975) in computer science from Purdue University. He joined Intel Corporation in 1975 where as a senior software engineer, he worked on the architectures of the 8086 and the iAPX-432 processors. In 1979 he returned to academia, joining the computer science faculty of the Naval Postgraduate School (Monterey, CA), where he was an assistant professor (1979–83), an associate professor (1983–7), and Acting Chair (1984–5). At NPS he investigated novel models for massively parallel computing and artificial intelligence. Since 1987, he has been a member of the electrical engineering and computer science Faculty of the University of Tennessee (Knoxville, USA).

SUBMISSION INFORMATION

Prospective authors should note that only original and previously unpublished articles will be considered. Interested authors must consult the journal's guidelines for manuscript submissions at www.igi-global. com/publish/resources prior to submission. All article submissions will be forwarded to the Editorial Review Board for double-blind, peer review.

All submissions and inquiries should be directed to the attention of: Bruce J. MacLennan, PhD; maclennan@utk.edu or Keshav Deo Verma, PhD; dr.kdverma1@gmail.com



Email: marketing@igi-global.com Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

