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Alphabetical Listing

Journals by Subject

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Authors' Newsletter

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Instructions for Authors

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Catalogues

Customer Services

Developing World Initiatives

Email Contents Alerting

eUpdates

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Online Sample Copies

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Special Issues

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K. M. Hampson; 55(21), Pages 3425 – 3467, 2008
- **Free-electron lasers**  
S. Khan; 55(21), Pages 3469 – 3512, 2008
- **Squeezed Light**  
R. Loudon & P.L. Knight; 34 (6&7), Pages 709 – 759, 1987
- **Single-photon sources-an introduction**  
S. Scheel; 56 (2&3), Pages 141 – 160, 2009
- **Terahertz gas photonics**  
N. Karpowicz, X. Lu & X.-C. Zhang; 56(10), Pages 1137 – 1150, 2009
- **Fluorescence near interfaces: The role of photonic mode density**  
W.L. Barnes; 45(4), Pages 661 – 699, 1998
- **Electromagnetically induced transparency**  
J.P. Marangos; 45(3), Pages 471 – 503, 1998
- **Theory of laser-driven double-ionization of atoms at Ti:sapphire laser wavelengths**  
K.T. Taylor, J.S. Parker, D. Dundas & K.J. Meharg; 54 (13), Pages 1959 – 1983, 2007
- **Optical control of molecular switches**  
I. Thanopoulos, P. Kral, M. Shapiro & E. Paspalakis; 56(6), Pages 686 – 703, 2009
- **The Jaynes-Cummings Model**  
B.W. Shore & P.L. Knight; 40 (7), Pages 1195 – 1238, 1993

**Most Cited Articles of 2009**

- **Photon-number-resolution with sub-30-ps timing using multi-element superconducting nanowire single photon detectors**  
E. A. Dauler, A.J. Kerman, B.S. Robinson et al; 56(2&3), Pages 364 – 373
- **Semiconductor split-ring resonators for thermally tunable terahertz metamaterials**  
J. Han & A. Lakhtakia; 56(4), Pages 554 – 557
- **Numerical analysis of fringe patterns recorded in holographic interferometry using high-order ambiguity function**  
S. Gorghi, P. Rastogi; 56(8), Pages 949 – 954
- **Subwavelength beaming using depth-tuned annular nanostructures**  
J. Wang, W. Zhou; 56(7), Pages 919 – 926
- **Implementation of quantum gates via optical control**  
S. Schirmer; 56(6), Pages 831 – 839
- **Single-photon sources-an introduction**  
S. Scheel; 56(2-3), Pages 141 – 160
- **Self-consistent characterization of light statistics**  
M. Bondani, A. Allevi, A. Agliati, et al; 56(2-3), Pages 226 – 231
- **Characterization of detectors for the Italian Astronomical Quantum Photometer Project**  
S. Billotta, M. Belluso, G. Bonanno, et al; 56(2-3), Pages 273 – 283
- **Maximum count rate of large area superconducting single photon detectors**  
M. Ejrnaes, A. Casaburi, R. Cristiano, et al; 56(2-3), Pages 390 – 394

**Most Cited Articles of All Time**

- **Squeezed light:** Cited over 1000 times  
R.Loudon, P.L.Knight; 34 (6&7), 1987
- **The Jaynes-Cummings model**  
B. W. Shore, P.L. Knight; 40 (7), 1993
- **On the Hermitian optical phase operator**  
S.M. Barnett, D.T. Pegg; 36 (1), 1989
- **Fidelity for Mixed Quantum States**  
R. Jozsa; 41 (12), 1994
- **Fluorescence near interfaces: the role of photonic mode density**  
W.L. Barnes; 45 (4), 1998
- **Photonic Band Structures**  
J.B. Pendry; 41 (2), 1994
- **Electromagnetically induced transparency**  
J.P. Marangos; 45 (3), 1998
- **Entanglement monotones**  
G. Vidal ; 47 (2-3), 2000
- **The Adiabatic Phase and Pancharatnam's Phase for Polarized Light**  
M. V. Berry; 34 (11), 1987
- **Optical Vortices and Their Propagation**  
G. Indebetouw; 40 (1), 1993

↑ top