






















1. Title: [Self-similar chain of metal nanospheres as an efficient nanolens](#)
Author(s): Li KR, Stockman MI, Bergman DJ
Source: **PHYSICAL REVIEW LETTERS** Volume: **91** Issue: **22** Article Number: **227402** Published: **NOV 28 2003**
Times Cited: **206**
[Find It](#)  [Full Text](#)
2. Title: [Nanofocusing of optical energy in tapered plasmonic waveguides](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **93** Issue: **13** Article Number: **137404** Published: **SEP 24 2004**
Times Cited: **160**
[Find It](#)  [Full Text](#)
3. Title: [Plasmon hybridization in nanoparticle dimers](#)
Author(s): Nordlander P, Oubre C, Prodan E, et al.
Source: **NANO LETTERS** Volume: **4** Issue: **5** Pages: **899-903** Published: **MAY 2004**
Times Cited: **139**
[Find It](#) 
4. Title: [Surface plasmon amplification by stimulated emission of radiation: Quantum generation of coherent surface plasmons in nanosystems](#)
Author(s): Bergman DJ, Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **90** Issue: **2** Article Number: **027402** Published: **JAN 17 2003**
Times Cited: **137**
[Find It](#)  [Full Text](#)
5. Title: [Localization versus delocalization of surface plasmons in nanosystems: Can one state have both characteristics?](#)
Author(s): Stockman MI, Faleev SV, Bergman DJ
Source: **PHYSICAL REVIEW LETTERS** Volume: **87** Issue: **16** Published: **OCT 15 2001**
Times Cited: **101**
[Find It](#)  [Full Text](#)
6. Title: [Coherent control of femtosecond energy localization in nanosystems](#)
Author(s): Stockman MI, Faleev SV, Bergman DJ
Source: **PHYSICAL REVIEW LETTERS** Volume: **88** Issue: **6** Article Number: **067402** Published: **FEB 11 2002**
Times Cited: **73**
[Find It](#)  [Full Text](#)
7. Title: [Inhomogeneous eigenmode localization, chaos, and correlations in large disordered clusters](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW E** Volume: **56** Issue: **6** Pages: **6494-6507**
Published: **DEC 1997**
Times Cited: **73**
[Find It](#) 
8. Title: [Dipolar emitters at nanoscale proximity of metal surfaces: Giant enhancement of relaxation in microscopic theory](#)
Author(s): Larkin IA, Stockman MI, Achermann M, et al.
Source: **PHYSICAL REVIEW B** Volume: **69** Issue: **12** Article Number: **121403**
Published: **MAR 2004**
Times Cited: **49**
[Find It](#)  [Full Text](#)
9. Title: [Chaos and spatial correlations for dipolar eigenproblems](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **79** Issue: **23** Pages: **4562-4565**
Published: **DEC 8 1997**
Times Cited: **40**
[Find It](#)  [Full Text](#)
10. Title: [Criterion for negative refraction with low optical losses from a fundamental principle of causality](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **98** Issue: **17** Article Number:

- Source: **PHYSICAL REVIEW LETTERS** Volume: **99** Issue: **17** Article Number: **177404** Published: **APR 27 2007**
Times Cited: **39**
[Find It](#)  [Full Text](#)
11. Title: [Enhanced second-harmonic generation by metal surfaces with nanoscale roughness: Nanoscale dephasing, depolarization, and correlations](#)
Author(s): Stockman MI, Bergman DJ, Anceau C, et al.
Source: **PHYSICAL REVIEW LETTERS** Volume: **92** Issue: **5** Article Number: **057402** Published: **FEB 6 2004**
Times Cited: **39**
[Find It](#)  [Full Text](#)
12. Title: [Broadband near-field interference spectroscopy of metal nanoparticles using a femtosecond white-light continuum](#)
Author(s): Mikhailovsky AA, Petruska MA, Stockman MI, et al.
Source: **OPTICS LETTERS** Volume: **28** Issue: **18** Pages: **1686-1688** Published: **SEP 2003**
Times Cited: **31**
[Find It](#) 
13. Title: [Femtosecond optical responses of disordered clusters, composites, and rough surfaces: "The ninth wave" effect](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **84** Issue: **5** Pages: **1011-1014** Published: **JAN 31 2000**
Times Cited: **31**
[Find It](#)  [Full Text](#)
14. Title: [Coherent control of nanoscale localization of ultrafast optical excitation in nanosystems](#)
Author(s): Stockman MI, Bergman DJ, Kobayashi T
Source: **PHYSICAL REVIEW B** Volume: **69** Issue: **5** Article Number: **054202** Published: **FEB 2004**
Times Cited: **27**
[Find It](#)  [Full Text](#)
15. Title: [Imperfect perfect lens](#)
Author(s): Larkin IA, Stockman MI
Source: **NANO LETTERS** Volume: **5** Issue: **2** Pages: **339-343** Published: **FEB 2005**
Times Cited: **26**
[Find It](#) 
16. Title: [Giant attosecond fluctuations of local optical fields in disordered nanostructured media](#)
Author(s): Stockman MI
Source: **PHYSICAL REVIEW B** Volume: **62** Issue: **15** Pages: **10494-10497** Published: **OCT 15 2000**
Times Cited: **22**
[Find It](#)  [Full Text](#)
17. Title: [Attosecond nanoplasmonic-field microscope](#)
Author(s): Stockman MI, Kling MF, Kleineberg U, et al.
Source: **NATURE PHOTONICS** Volume: **1** Issue: **9** Pages: **539-544** Published: **SEP 2007**
Times Cited: **21**
[Find It](#) 
18. Title: [Surface plasmon amplification by stimulated emission in nanolenses](#)
Author(s): Li KR, Li XT, Stockman MI, et al.
Source: **PHYSICAL REVIEW B** Volume: **71** Issue: **11** Article Number: **115409** Published: **MAR 2005**
Times Cited: **21**
[Find It](#)  [Full Text](#)
19. Title: [Enhanced second harmonic generation in a self-similar chain of metal nanospheres](#)
Author(s): Li KR, Stockman MI, Bergman DJ
Source: **PHYSICAL REVIEW B** Volume: **72** Issue: **15** Article Number: **153401** Published: **OCT 2005**

Times Cited: 20

[Find It](#)  [Full Text](#)


20. Title: [Generation of traveling surface plasmon waves by free-electron impact](#)
Author(s): Bashevov MV, Jonsson F, Krasavin AV, et al.
Source: **NANO LETTERS** Volume: 6 Issue: 6 Pages: 1113-1115 Published: JUN 2006
Times Cited: 15
[Find It](#) 
21. Title: [Ultrafast multiphoton forest fires and fractals in clusters and dielectrics](#)
Author(s): Gaier LN, Lein M, Stockman MI, et al.
Source: **JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS** Volume: 37 Issue: 3 Pages: L57-L67 Published: FEB 14 2004
Times Cited: 15
[Find It](#) 
22. Title: [Phase-sensitive spectroscopy of surface plasmons in individual metal nanostructures](#)
Author(s): Mikhailovsky AA, Petruska MA, Li KR, et al.
Source: **PHYSICAL REVIEW B** Volume: 69 Issue: 8 Article Number: 085401
Published: FEB 2004
Times Cited: 15
[Find It](#)  [Full Text](#)
23. Title: [Self-consistent random-phase approximation for interacting electrons in quantum wells and intersubband absorption](#)
Author(s): Faleev SV, Stockman MI
Source: **PHYSICAL REVIEW B** Volume: 66 Issue: 8 Article Number: 085318
Published: AUG 15 2002
Times Cited: 13
[Find It](#)  [Full Text](#)
24. Title: [Linear and nonlinear optical susceptibilities of Maxwell Garnett composites: Dipolar spectral theory](#)
Author(s): Stockman MI, Kurlayev KB, George TF
Source: **PHYSICAL REVIEW B** Volume: 60 Issue: 24 Pages: 17071-17083
Published: DEC 15 1999
Times Cited: 12
[Find It](#)  [Full Text](#)
25. Title: [Nanocalized nonlinear electron photoemission under coherent control](#)
Author(s): Stockman MI, Hewageegana P
Source: **NANO LETTERS** Volume: 5 Issue: 11 Pages: 2325-2329 Published: NOV 2005
Times Cited: 9
[Find It](#) 
26. Title: [Ultrafast active plasmonics](#)
Author(s): MacDonald KF, Samson ZL, Stockman MI, et al.
Source: **NATURE PHOTONICS** Volume: 3 Issue: 1 Pages: 55-58 Published: JAN 2009
Times Cited: 8
[Find It](#) 
27. Title: [Slow propagation, anomalous absorption, and total external reflection of surface plasmon polaritons in nanolayer systems](#)
Author(s): Stockman MI
Source: **NANO LETTERS** Volume: 6 Issue: 11 Pages: 2604-2608 Published: NOV 8 2006
Times Cited: 8
[Find It](#) 
28. Title: [Optimized nonadiabatic nanofocusing of plasmons by tapered metal rods](#)
Author(s): Gramotnev DK, Vogel MW, Stockman MI
Source: **JOURNAL OF APPLIED PHYSICS** Volume: 104 Issue: 3 Article Number: 034311 Published: AUG 1 2008
Times Cited: 7
[Find It](#)  [Full Text](#)

29. Title: [Electrodynamic effects in plasmonic nanolenses](#)
Author(s): Dai JH, Cajko F, Tsukerman I, et al.
Source: **PHYSICAL REVIEW B** Volume: **77** Issue: **11** Article Number: **115419**
Published: **MAR 2008**
Times Cited: **7**
[Find It](#)  [Full Text](#)
30. Title: [Highly efficient spatiotemporal coherent control in nanoplasmonics on a nanometer-femtosecond scale by time reversal](#)
Author(s): Li XT, Stockman MI
Source: **PHYSICAL REVIEW B** Volume: **77** Issue: **19** Article Number: **195109**
Published: **MAY 2008**
Times Cited: **6**
[Find It](#)  [Full Text](#)
31. Title: [Toward full spatiotemporal control on the nanoscale](#)
Author(s): Durach M, Rusina A, Stockman MI
Source: **NANO LETTERS** Volume: **7** Issue: **10** Pages: **3145-3149** Published: **OCT 2007**
Times Cited: **6**
[Find It](#) 
32. Title: [Light-emitting devices: From nano-optics to street lights](#)
Author(s): Stockman M
Source: **NATURE MATERIALS** Volume: **3** Issue: **7** Pages: **423-424** Published: **JUL 2004**
Times Cited: **6**
[Find It](#) 
33. Title: [Can we make a nanoscopic laser?](#)
Author(s): Bergman DJ, Stockman MI
Source: **LASER PHYSICS** Volume: **14** Issue: **3** Pages: **409-411** Published: **MAR 2004**
Times Cited: **6**
[Find It](#) 
34. Title: [Self-consistent random-phase approximation for a two-dimensional electron gas: Kadanoff-Baym-Keldysh approach](#)
Author(s): Faleev SV, Stockman MI
Source: **PHYSICAL REVIEW B** Volume: **62** Issue: **24** Pages: **16707-16714**
Published: **DEC 15 2000**
Times Cited: **6**
[Find It](#)  [Full Text](#)
35. Title: [Gold nanolenses generated by laser ablation-efficient enhancing structure for surface enhanced Raman scattering analytics and sensing](#)
Author(s): Kneipp J, Li XT, Sherwood M, et al.
Source: **ANALYTICAL CHEMISTRY** Volume: **80** Issue: **11** Pages: **4247-4251**
Published: **JUN 1 2008**
Times Cited: **5**
[Find It](#) 
36. Title: [Electromagnetic theory of SERS](#)
Author(s): Stockman MI
Source: **SURFACE-ENHANCED RAMAN SCATTERING: PHYSICS AND APPLICATIONS** Book Series: **TOPICS IN APPLIED PHYSICS** Volume: **103**
Pages: **47-65** Published: **2006**
Times Cited: **5**
[Find It](#) 
37. Title: [Hole-assisted energy deposition in dielectrics and clusters in the multiphoton regime](#)
Author(s): Gaier LN, Lein M, Stockman MI, et al.
Source: **JOURNAL OF MODERN OPTICS** Volume: **52** Issue: **7** Pages: **1019-1030** Published: **MAY 10 2005**
Times Cited: **5**
[Find It](#) 
38. Title: [Ultrafast nanoplasmonics under coherent control](#)
Author(s): Stockman MI

Source: **NEW JOURNAL OF PHYSICS** Volume: **10** Article Number: **025031**

Published: **FEB 29 2008**

Times Cited: **4**

[Find It](#) 

39. Title: [Octupolar metal nanoparticles as optically driven, coherently controlled nanorotors](#)

Author(s): Stockman MI, Li K, Brasselet S, et al.

Source: **CHEMICAL PHYSICS LETTERS** Volume: **433** Issue: **1-3** Pages: **130-135** Published: **DEC 29 2006**

Times Cited: **4**

[Find It](#)  [Full Text](#)

40. Title: [Light-induced drift in semiconductor heterostructures: Microscopic theory](#)

Author(s): Faleev SV, Stockman MI

Source: **PHYSICAL REVIEW B** Volume: **59** Issue: **11** Pages: **7338-7341** Published: **MAR 15 1999**

Times Cited: **4**


[Find It](#)  [Full Text](#)

41. Title: [Plasmonic enhancing nanoantennas for photodetection](#)

Author(s): Hewageegana P, Stockman MI

Source: **INFRARED PHYSICS & TECHNOLOGY** Volume: **50** Issue: **2-3** Pages: **177-181** Published: **APR 2007**

Times Cited: **3**

[Find It](#)  [Full Text](#)

42. Title: [Coherently controlled femtosecond energy localization on nanoscale](#)

Author(s): Stockman MI, Faleev SV, Bergman DJ

Source: **APPLIED PHYSICS B-LASERS AND OPTICS** Volume: **74** Pages: **S63-S67** Supplement: **Suppl. S** Published: **JUN 2002**

Times Cited: **3**


[Find It](#)  [Full Text](#)

43. Title: [Absorption saturation studies of Landau levels in quasi-two-dimensional systems](#)

Author(s): Muratov LS, Stockman MI, Pandey LN, et al.

Source: **SUPERLATTICES AND MICROSTRUCTURES** Volume: **21** Issue: **4** Pages: **501-508** Published: **1997**

Times Cited: **3**

[Find It](#) 

44. Title: [Spasers explained](#)

Author(s): Stockman MI

Source: **NATURE PHOTONICS** Volume: **2** Issue: **6** Pages: **327-329** Published: **JUN 2008**

Times Cited: **2**

[Find It](#) 

45. Title: [Stockman replies](#)

Author(s): Stockman MI

Source: **PHYSICAL REVIEW LETTERS** Volume: **99** Issue: **18** Article Number: **189702** Published: **NOV 2 2007**

Times Cited: **2**

[Find It](#)  [Full Text](#)

46. Title: ["Universal" distribution of interearthquake times explained - Reply](#)

Author(s): Li KR, Stockman MI, Bergman DJ

Source: **PHYSICAL REVIEW LETTERS** Volume: **97** Issue: **7** Article Number: **079702** Published: **AUG 18 2006**

Times Cited: **2**

[Find It](#)  [Full Text](#)




47. Title: [Self-consistent random-phase approximation for a two-dimensional electron gas at finite temperatures](#)

Author(s): Faleev SV, Stockman MI

Source: **PHYSICAL REVIEW B** Volume: **63** Issue: **19** Article Number: **193302** Published: **MAY 15 2001**

Times Cited: **2**

[Find It](#)  [Full Text](#)

-
48. Title: [Nanoplasmonic renormalization and enhancement of Coulomb interactions](#)
Author(s): Durach M, Rusina A, Klimov VI, et al.
Source: **NEW JOURNAL OF PHYSICS** Volume: **10** Article Number: **105011**
Published: **OCT 28 2008**
Times Cited: **1**
[Find It](#)  [GSU](#)
49. Title: [Giant fluctuations of second harmonic generation on nanostructured surfaces](#)
Author(s): Stockman MI
Source: **CHEMICAL PHYSICS** Volume: **318** Issue: **1-2** Pages: **156-162**
Published: **NOV 15 2005**
Times Cited: **1**
[Find It](#)  [GSU](#) [Full Text](#)
50. Title: [Turbulence and spatial correlation of currents in quantum chaos](#)
Author(s): Evans JR, Stockman MI
Source: **PHYSICAL REVIEW LETTERS** Volume: **81** Issue: **21** Pages: **4624-4627**
Published: **NOV 23 1998**
Times Cited: **1**
[Find It](#)  [GSU](#) [Full Text](#)