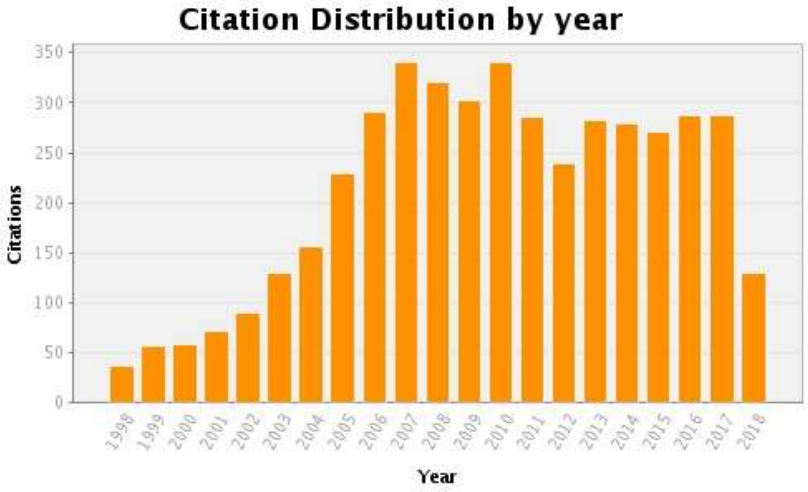
СПИСЪК НА ВСИЧКИ НАУЧНИ ТРУДОВЕ
на проф. дфзн Валентин Николов Попов
с брой на цитиранията по Web of Science от 17/05/2018



Общ брой на статиите: **103**

Пълен брой на цитиранията с/без самоцитирания: **4530/4277**

Среден брой цитирания на статия с/без самоцитирания: **44.13/42.52**

h-index с/без самоцитирания: **32/32**

Издания с ненулев импакт	Брой на публикациите	импакт на изданията*	общ импакт
2D Materials	1	6.937	6.937
Carbon	4	6.337	25.348
Eur Phys J B	2	1.436	2.872
Fuller Nanotube Carbon Nanostr	1	1.35	1.35
J Alloys Comp	1	3.133	3.133
J Chem Phys	2	2.965	5.93
J Phys Chem Solids	2	2.059	4.118
J Phys: Condens Matter	6	2.678	16.068
J Raman Spectrosc	1	2.969	2.969
J Spectroscopy	1	0.761	0.761
Mater Sci Eng R	1	29.28	29.28
Nano Lett	2	12.712	25.424
Nano Research	1	7.354	7.354
New J Phys	1	3.786	3.786
Physica B	1	1.405	1.405
Physica C	7	1.404	9.828
Physica E	2	2.221	4.442
Phys Rev B	44	3.836	168.784
Phys Rev Lett	2	8.462	16.924
phys stat sol (a)	1	1.775	1.775
phys stat sol (b)	8	1.674	13.392
Solid State Commun	5	1.554	7.77
SUPERLATTICES AND MICROSTRUCTURES	1	2.123	2.123
Общ импакт			361.773

*Data from the 2016 edition of Journal Citation Reports

1. **Title:** Computational study of the shift of the G band of double-walled carbon nanotubes due to interlayer interactions
Author(s): Popov, V. N.; Levshov, D. I.; Sauvajol, J. L.; et al.
Source: Physical Review B **Volume:** 97 **Issue:** 16 **Published:** 2018
Times Cited: 0/0
DOI: 10.1103/PhysRevB.97.165417

2. **Title:** Raman bands of twisted bilayer graphene
Author(s): Popov, V. N.
Source: Journal of Raman Spectroscopy **Volume:** 49 **Issue:** 1 **Pages:** 31-35 **Published:** 2018
Times Cited: 2/2
DOI: 10.1002/jrs.5189

3. **Title:** Deposition of defected graphene on (001) Si substrates by thermal decomposition of acetone
Author(s): Milenov, T. I.; Avramova, I.; Valcheva, E.; et al.
Source: Superlattices and Microstructures **Volume:** 111 **Pages:** 45-56 **Published:** NOV 2017
Times Cited: 0/0
DOI: 10.1016/j.spmi.2017.04.042

4. **Title:** Interlayer Interaction Effects on the G Modes in Double-Walled Carbon Nanotubes With Different Electronic Configurations
Author(s): Levshov, Dmitry I.; Huy-Nam Tran; Michel, Thierry; et al.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 254 **Issue:** 11 **Published:** NOV 2017
Times Cited: 1/0
DOI: 10.1002/pssb.201700251

5. **Title:** Photoluminescence from an individual double-walled carbon nanotube
Author(s): Levshov, Dmitry I.; Parret, Romain; Huy-Nam Tran; et al.
Source: Physical Review B **Volume:** 96 **Issue:** 19 **Published:** NOV 7 2017
Times Cited: 0/0
DOI: 10.1103/PhysRevB.96.195410

6. **Title:** Raman Spectroscopic Study of As-Deposited and Exfoliated Defected Graphene Grown on (001) Si Substrates by CVD
Author(s): Milenov, T. I.; Valcheva, E.; Popov, V. N.
Source: Journal of Spectroscopy **Published:** 2017
Times Cited: 1/0
DOI: 10.1155/2017/3495432

7. **Title:** 2D Raman band of single-layer and bilayer graphene
Author(s): Popov, V. N.; Nesheva, D; Chamati, H; et al.
Source: Inera Conference 2015: Light in Nanoscience and Nanotechnology (Lnn 2015) **Volume:** 682 **Published:** 2016
Times Cited: 0/0
DOI: 10.1088/1742-6596/682/1/012013

8. **Title:** Comparative study of the two-phonon Raman bands of silicene and graphene
Author(s): Popov, Valentin N.; Lambin, Philippe
Source: 2d Materials **Volume:** 3 **Issue:** 2 **Published:** JUN 2016
Times Cited: 2/0
DOI: 10.1088/2053-1583/3/2/025014

9. **Title:** Excitonic optical transitions characterized by Raman excitation profiles in single-walled carbon nanotubes
Author(s): Tran, H. N.; Blancon, J. -C.; Huntzinger, J. -R.; et al.

Source: Physical Review B **Volume:** 94 **Issue:** 7 **Published:** AUG 22 2016
Times Cited: 3/2
DOI: 10.1103/PhysRevB.94.075430

10. **Title:** Two-phonon Raman scattering in graphene for laser excitation beyond the pi-plasmon energy
Author(s): Popov, Valentin N.
Source: Inera Conference: Vapor Phase Technologies For Metal Oxide and Carbon Nanostructures **Volume:** 764 **Published:** 2016
Times Cited: 0/0
DOI: 10.1088/1742-6596/764/1/012008

11. **Title:** Two-phonon Raman bands of bilayer graphene: Revisited
Author(s): Popov, V. N.
Source: Carbon **Volume:** 91 **Pages:** 436-444 **Published:** 2015
Times Cited: 9/6
DOI: 10.1016/j.carbon.2015.05.020

12. **Title:** Low-frequency phonons of few-layer graphene within a tight-binding model
Author(s): Popov, V. N.; Van Alsenoy, C.
Source: Physical Review B **Volume:** 90 **Issue:** 24 **Published:** 2014
Times Cited: 8/6
DOI: 10.1103/PhysRevB.90.245429

13. **Title:** Theoretical 2D Raman band of strained graphene
Author(s): Popov, V. N.; Lambin, P.
Source: Physical Review B **Volume:** 87 **Issue:** 15 **Published:** 2013
Times Cited: 11/9
DOI: 10.1103/PhysRevB.87.155425

14. **Title:** Theoretical Raman fingerprints of alpha-, beta-, and gamma-graphyne
Author(s): Popov, Valentin N.; Lambin, Philippe
Source: Physical Review B **Volume:** 88 **Issue:** 7 **Published:** AUG 21 2013
Times Cited: 30/30
DOI: 10.1103/PhysRevB.88.075427

15. **Title:** Theoretical Raman intensity of the G and 2D bands of strained graphene
Author(s): Popov, V. N.; Lambin, P.
Source: Carbon **Volume:** 54 **Pages:** 86-93 **Published:** 2013
Times Cited: 18/17
DOI: 10.1016/j.carbon.2012.11.006

16. **Title:** Theoretical polarization dependence of the two-phonon double-resonant Raman spectra of graphene
Author(s): Popov, V. N.; Lambin, P.
Source: European Physical Journal B **Volume:** 85 **Issue:** 12 **Published:** 2012
Times Cited: 10/2
DOI: 10.1140/epjb/e2012-30684-x

17. **Title:** Theoretical study of the doping effect on the phonon dispersion of metallic carbon nanotubes
Author(s): Popov, V. N.
Source: Physica E-Low-Dimensional Systems & Nanostructures **Volume:** 44 **Issue:** 6 **Pages:** 1032-1035 **Published:** 2012
Times Cited: 2/2
DOI: 10.1016/j.physe.2010.10.007

18. **Title:** Experimental Evidence of a Mechanical Coupling between Layers in an Individual Double-Walled Carbon Nanotube
Author(s): Levshov, D.; Than, T. X.; Arenal, R.; et al.
Source: Nano Letters **Volume:** 11 **Issue:** 11 **Pages:** 4800-4804 **Published:** 2011
Times Cited: 39/36
DOI: 10.1021/nl2026234

19. **Title:** Dynamic and charge doping effects on the phonon dispersion of graphene
Author(s): Popov, V. N.; Lambin, P.
Source: Physical Review B **Volume:** 82 **Issue:** 4 **Published:** 2010
Times Cited: 10/4
DOI: 10.1103/PhysRevB.82.045406

20. **Title:** Intermediate frequency Raman spectra of defective single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 247 **Issue:** 4 **Pages:** 892-895 **Published:** 2010
Times Cited: 2/2
DOI: 10.1002/pssb.200982970

21. **Title:** Non-Adiabatic Phonon Dispersion of Metallic Single-Walled Carbon Nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Nano Research **Volume:** 3 **Issue:** 11 **Pages:** 822-829 **Published:** 2010
Times Cited: 4/2
DOI: 10.1007/s12274-010-0052-2

22. **Title:** Theoretical phonon dispersion of armchair and metallic zigzag carbon nanotubes beyond the adiabatic approximation
Author(s): Popov, V. N.; Lambin, P.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 247 **Issue:** 11-12 **Pages:** 2784-2788 **Published:** 2010
Times Cited: 1/1
DOI: 10.1002/pssb.201000112

23. **Title:** Resonant Raman spectra of graphene with point defects
Author(s): Popov, V. N.; Henrard, L.; Lambin, P.
Source: Carbon **Volume:** 47 **Issue:** 10 **Pages:** 2448-2455 **Published:** 2009
Times Cited: 23/23
DOI: 10.1016/j.carbon.2009.04.043

24. **Title:** Theoretical resonant Raman spectra of nanotube (7,0) with point defects
Author(s): Popov, V. N.; Lambin, P.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 246 **Issue:** 11-12 **Pages:** 2602-2605 **Published:** 2009
Times Cited: 8/8
DOI: 10.1002/pssb.200982279

25. **Title:** Electronic and Mechanical Coupling of Carbon Nanotubes: A Tunable Resonant Raman Study of Systems with Known Structures
Author(s): Debarre, A.; Kobylko, M.; Bonnot, A. M.; et al.
Source: Physical Review Letters **Volume:** 101 **Issue:** 19 **Published:** 2008
Times Cited: 17/16
DOI: 10.1103/PhysRevLett.101.197403

26. **Title:** Raman study of twin-free ortho-II YBa(2)CU(3)O(6.5) single crystals
Author(s): Iliev, M. N.; Hadjiev, V. G.; Jandl, S.; et al.
Source: Physical Review B **Volume:** 77 **Issue:** 17 **Published:** 2008
Times Cited: 11/11
DOI: 10.1103/PhysRevB.77.174302

27. **Title:** E-33 and E-44 optical transitions in semiconducting single-walled carbon nanotubes: Electron diffraction and Raman experiments
Author(s): Michel, T.; Paillet, M.; Meyer, J. C.; et al.
Source: Physical Review B **Volume:** 75 **Issue:** 15 **Published:** 2007
Times Cited: 36/34
DOI: 10.1103/PhysRevB.75.155432

28. **Title:** Multiple-order Raman scattering from rare-earth manganites: Oxygen isotope and rare-earth substitution effects
Author(s): Iliev, M. N.; Hadjiev, V. G.; Litvinchuk, A. P.; et al.
Source: Physical Review B **Volume:** 75 **Issue:** 6 **Published:** 2007
Times Cited: 10/10
DOI: 10.1103/PhysRevB.75.064303

29. **Title:** Raman intensity mapping of single-walled carbon nanotubes
Author(s): Jungen, A.; Popov, V. N.; Stampfer, C.; et al.
Source: Physical Review B **Volume:** 75 **Issue:** 4 **Published:** 2007
Times Cited: 15/14
DOI: 10.1103/PhysRevB.75.041405

30. **Title:** Raman spectroscopy of (n,m)-identified individual single-walled carbon nanotubes
Author(s): Michel, T.; Paillet, M.; Meyer, J. C.; et al.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 244 **Issue:** 11 **Pages:** 3986-3991 **Published:** 2007
Times Cited: 8/7
DOI: 10.1002/pssb.200776177

31. **Title:** Symmetry-adapted tight-binding calculations of the totally symmetric A(1) phonons of single-walled carbon nanotubes and their resonant Raman intensity
Author(s): Popov, V. N.; Lambin, P.
Source: Physica E-Low-Dimensional Systems & Nanostructures **Volume:** 37 **Issue:** 1-2 **Pages:** 97-104 **Published:** 2007
Times Cited: 6/6
DOI: 10.1016/j.physe.2006.08.005

32. **Title:** Theoretical Raman intensity of the radial breathing mode of single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 244 **Issue:** 11 **Pages:** 4269-4274 **Published:** 2007
Times Cited: 2/2
DOI: 10.1002/pssb.200776176

33. **Title:** Detailed analysis of the Raman response of n-doped double-wall carbon nanotubes
Author(s): Rauf, H.; Pichler, T.; Pfeiffer, R.; et al.
Source: Physical Review B **Volume:** 74 **Issue:** 23 **Published:** 2006
Times Cited: 26/26
DOI: 10.1103/PhysRevB.74.235419

34. **Title:** Intraband electron-phonon scattering in single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physical Review B **Volume:** 74 **Issue:** 7 **Published:** 2006
Times Cited: 45/39
DOI: 10.1103/PhysRevB.74.075415

35. **Title:** Radius and chirality dependence of the radial breathing mode and the G-band phonon modes of single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physical Review B **Volume:** 73 **Issue:** 8 **Published:** 2006
Times Cited: 104/87
DOI: 10.1103/PhysRevB.73.085407

36. **Title:** Raman active phonons of identified semiconducting single-walled carbon nanotubes
Author(s): Paillet, M.; Michel, T.; Meyer, J. C.; et al.
Source: Physical Review Letters **Volume:** 96 **Issue:** 25 **Published:** 2006
Times Cited: 58/48
DOI: 10.1103/PhysRevLett.96.257401

37. **Title:** Resonant Raman intensity of the totally symmetric phonons of single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physical Review B **Volume:** 73 **Issue:** 16 **Published:** 2006
Times Cited: 33/28
DOI: 10.1103/PhysRevB.73.165425

38. **Title:** Symmetry-adapted tight-binding calculations of the phonon dispersion and the resonant Raman intensity of the totally symmetric phonons of single-walled carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 243 **Issue:** 13 **Pages:** 3480-3484 **Published:** 2006
Times Cited: 0/0
DOI: 10.1002/pssb.200669105

39. **Title:** Tube-tube interaction in double-wall carbon nanotubes
Author(s): Pfeiffer, R.; Simon, F.; Kuzmany, H.; et al.
Source: Physica Status Solidi B-Basic Solid State Physics **Volume:** 243 **Issue:** 13 **Pages:** 3268-3272 **Published:** 2006
Times Cited: 19/19
DOI: 10.1002/pssb.200669176

40. **Title:** Vibrational and related properties of carbon nanotubes
Author(s): Popov, V. N.; Lambin, P.
Source: Carbon Nanotubes: From Basic Research to Nanotechnology **Volume:** 222 **Pages:** 69-88 **Published:** 2006
Times Cited: 0/0

41. **Title:** Comparative Raman studies of Sr2RuO4, Sr3Ru2O7 and Sr4Ru3O10
Author(s): Iliev, M. N.; Popov, V. N.; Litvinchuk, A. P.; et al.
Source: Physica B-Condensed Matter **Volume:** 358 **Issue:** 1-4 **Pages:** 138-152 **Published:** 2005
Times Cited: 16/15
DOI: 10.1016/j.physb.2004.12.069

42. **Title:** Electron-phonon and electron-photon interactions and resonant Raman scattering from the radial-breathing mode of single-walled carbon nanotubes
Author(s): Popov, V. N.; Henrard, L.; Lambin, P.

Source: Physical Review B **Volume:** 72 **Issue:** 3 **Published:** 2005
Times Cited: 72/57
DOI: 10.1103/PhysRevB.72.035436

43. **Title:** Fine structure of the radial breathing mode of double-wall carbon nanotubes
Author(s): Pfeiffer, R.; Simon, F.; Kuzmany, H.; et al.
Source: Physical Review B **Volume:** 72 **Issue:** 16 **Published:** 2005
Times Cited: 91/87
DOI: 10.1103/PhysRevB.72.161404

44. **Title:** Optical phonons in the NaTiSi2O6 oxide with S=1/2 spin chains
Author(s): Popovic, Z. V.; Konstantinovic, M. J.; Popov, V. N.; et al.
Source: Physical Review B **Volume:** 71 **Issue:** 22 **Published:** 2005
Times Cited: 6/6
DOI: 10.1103/PhysRevB.71.224302

45. **Title:** Optical properties of single-walled carbon nanotubes within a nonorthogonal tight-binding model
Author(s): Popov, V. N.; Henrard, L.
Source: Fullerenes Nanotubes and Carbon Nanostructures **Volume:** 13 **Pages:** 45-52 **Published:** 2005
Times Cited: 0/0
DOI: 10.1081/fst-200039187

46. **Title:** Raman spectroscopy of Ca3Ru2O7: Phonon line assignment and electron scattering
Author(s): Iliev, M. N.; Jandl, S.; Popov, V. N.; et al.
Source: Physical Review B **Volume:** 71 **Issue:** 21 **Published:** 2005
Times Cited: 9/9
DOI: 10.1103/PhysRevB.71.214305

47. **Title:** Resonant Raman intensity of the radial-breathing mode of single-walled carbon nanotubes
Author(s): Popov, V. N.; Henrard, L.; Lambin, P.
Source: Electronic Properties of Novel Nanostructures **Volume:** 786 **Pages:** 465-468 **Published:** 2005
Times Cited: 1/1

48. **Title:** A symmetry-adapted force-constant lattice-dynamical model for single-walled carbon nanotubes
Author(s): Li, Z. M.; Popov, V. N.; Tang, Z. K.
Source: Solid State Communications **Volume:** 130 **Issue:** 10 **Pages:** 657-661 **Published:** 2004
Times Cited: 20
DOI: 10.1016/j.ssc.2004.03.038

49. **Title:** Carbon nanotubes: properties and application
Author(s): Popov, V. N.
Source: Materials Science & Engineering R-Reports **Volume:** 43 **Issue:** 3 **Pages:** 61-102 **Published:** 2004
Times Cited: 892/892
DOI: 10.1016/j.mser.2003.10.001

50. **Title:** Comparative study of the optical properties of single-walled carbon nanotubes within orthogonal and nonorthogonal tight-binding models
Author(s): Popov, V. N.; Henrard, L.
Source: Physical Review B **Volume:** 70 **Issue:** 11 **Published:** 2004
Times Cited: 138/111
DOI: 10.1103/PhysRevB.70.115407

51. **Title:** Curvature effects on the structural, electronic and optical properties of isolated single-walled carbon nanotubes within a symmetry-adapted non-orthogonal tight-binding model
Author(s): Popov, V. N.
Source: New Journal of Physics **Volume:** 6 **Published:** 2004

Times Cited: 152/137
DOI: 10.1088/1367-2630/6/1/017

52. **Title:** Interaction between concentric tubes in DWCNTs
Author(s): Pfeiffer, R.; Kramberger, C.; Simon, F.; et al.
Source: European Physical Journal B **Volume:** 42 **Issue:** 3 **Pages:** 345-350 **Published:** 2004
Times Cited: 44/41
DOI: 10.1140/epjb/e2004-00389-0

53. **Title:** Multipole induced splitting of metal-cage vibrations in crystalline endohedral D-2d-M-2@C-84 dimetallofullerenes
Author(s): Krause, M.; Popov, V. N.; Inakuma, M.; et al.
Source: Journal of Chemical Physics **Volume:** 120 **Issue:** 4 **Pages:** 1873-1880 **Published:** 2004
Times Cited: 7/7
DOI: 10.1063/1.1632899

54. **Title:** Optical properties of small-radius SWNTS within a tight-binding model
Author(s): Popov, V. N.
Source: Frontiers of Multifunctional Integrated Nanosystems **Volume:** 152 **Pages:** 1-10 **Published:** 2004
Times Cited: 0/0

55. **Title:** Phonons and magnetic excitations in the Mott insulator LaTiO3
Author(s): Iliev, M. N.; Litvinchuk, A. P.; Abrashev, M. V.; et al.
Source: Physical Review B **Volume:** 69 **Issue:** 17 **Published:** 2004
Times Cited: 16/16
DOI: 10.1103/PhysRevB.69.172301

56. **Title:** Raman and infrared-active phonons in hexagonal HoMnO3 single crystals: magnetic ordering effects
Author(s): Litvinchuk, A. P.; Iliev, M. N.; Popov, V. N.; et al.
Source: Journal of Physics-Condensed Matter **Volume:** 16 **Issue:** 6 **Pages:** 809-819 **Published:** 2004
Times Cited: 73/73
DOI: 10.1088/0953-8984/16/6/011

57. **Title:** Resonant raman intensity of the radial breathing mode of single-walled carbon nanotubes within a nonorthogonal tight-binding model
Author(s): Popov, V. N.; Henrard, L.; Lambin, P.
Source: Nano Letters **Volume:** 4 **Issue:** 9 **Pages:** 1795-1799 **Published:** 2004
Times Cited: 60/54
DOI: 10.1021/nl048895r

58. **Title:** Theoretical evidence for T-1/2 specific heat behavior in carbon nanotube systems
Author(s): Popov, V. N.
Source: Carbon **Volume:** 42 **Issue:** 5-6 **Pages:** 991-995 **Published:** 2004
Times Cited: 18/18
DOI: 10.1016/j.carbon.2003.12.014

59. **Title:** Valence electronic charge density of distorted C-60(-) monomers in polymerized KC60 and RbC60
Author(s): Verberck, B.; Popov, V. N.; Nikolaev, A. V.; et al.
Source: Journal of Chemical Physics **Volume:** 121 **Issue:** 1 **Pages:** 321-327 **Published:** 2004
Times Cited: 7/7
DOI: 10.1063/1.1755676

60. **Title:** Estimation of the cleavage force of crystalline semiconductors with diamond and zinc-blende structure
Author(s): Popov, V. N.; March, N. H.; Van Doren, V. E.
Source: Journal of Physics and Chemistry of Solids **Volume:** 64 **Issue:** 1 **Pages:** 159-160 **Published:** 2003

Times Cited: 0/0
DOI: 10.1016/s0022-3697(02)00203-2

61. **Title:** Lattice dynamics of single-walled boron nitride nanotubes
Author(s): Popov, V. N.
Source: Physical Review B **Volume:** 67 **Issue:** 8 **Published:** 2003
Times Cited: 39/39
DOI: 10.1103/PhysRevB.67.085408

62. **Title:** Optical properties of high-dielectric-constant CaCu3Ti4O12 films
Author(s): Litvinchuk, A. P.; Chen, C. L.; Kolev, N.; et al.
Source: Physica Status Solidi a-Applied Research **Volume:** 195 **Issue:** 2 **Pages:** 453-458 **Published:** 2003
Times Cited: 37/37
DOI: 10.1002/pssa.200305930

63. **Title:** Role of Jahn-Teller disorder in Raman scattering of mixed-valence manganites
Author(s): Iliev, M. N.; Abrashev, M. V.; Popov, V. N.; et al.
Source: Physical Review B **Volume:** 67 **Issue:** 21 **Published:** 2003
Times Cited: 66/65
DOI: 10.1103/PhysRevB.67.212301

64. **Title:** Temperature-dependent polarized Raman spectra of CaFe2O4
Author(s): Kolev, N.; Iliev, M. N.; Popov, V. N.; et al.
Source: Solid State Communications **Volume:** 128 **Issue:** 4 **Pages:** 153-155 **Published:** 2003
Times Cited: 15/15
DOI: 10.1016/s0038-1098(03)00660-4

65. **Title:** Breathinglike phonon modes of multiwalled carbon nanotubes
Author(s): Popov, V. N.; Henrard, L.
Source: Physical Review B **Volume:** 65 **Issue:** 23 **Published:** 2002
Times Cited: 89/80
DOI: 10.1103/PhysRevB.65.235415

66. **Title:** Low-temperature specific heat of nanotube systems
Author(s): Popov, V. N.
Source: Physical Review B **Volume:** 66 **Issue:** 15 **Published:** 2002
Times Cited: 64/62
DOI: 10.1103/PhysRevB.66.153408

67. **Title:** Phonon dynamics in AV(2)O(5) (A=Na,Ca,Mg,Cs) oxides
Author(s): Popovic, Z. V.; Konstantinovic, M. J.; Gajic, R.; et al.
Source: Physical Review B **Volume:** 65 **Issue:** 18 **Published:** 2002
Times Cited: 25/25
DOI: 10.1103/PhysRevB.65.184303

68. **Title:** Phonons in multiwalled carbon nanotubes
Author(s): Popov, V. N.; Henrard, L.
Source: Structural and Electronic Properties of Molecular Nanostructures **Volume:** 633 **Pages:** 425-428 **Published:** 2002
Times Cited: 0/0

69. **Title:** Raman spectroscopy of CaCu3Ti4O12
Author(s): Kolev, N.; Bontchev, R. P.; Jacobson, A. J.; et al.
Source: Physical Review B **Volume:** 66 **Issue:** 13 **Published:** 2002

Times Cited: 105/104
DOI: 10.1103/PhysRevB.66.132102

70. **Title:** Raman spectroscopy of CaMnO3: Mode assignment and relationship between Raman line intensities and structural distortions
Author(s): Abrashev, M. V.; Backstrom, J.; Borjesson, L.; et al.
Source: Physical Review B **Volume:** 65 **Issue:** 18 **Published:** 2002
Times Cited: 74/72
DOI: 10.1103/PhysRevB.65.184301

71. **Title:** Raman spectroscopy of CaRuO3
Author(s): Kolev, N.; Chen, C. L.; Gospodinov, M.; et al.
Source: Physical Review B **Volume:** 66 **Issue:** 1 **Published:** 2002
Times Cited: 13/12
DOI: 10.1103/PhysRevB.66.014101

72. **Title:** Carrier dynamics and infrared-active phonons in c-axis oriented RuSr2GdCU2O8 film
Author(s): Litvinchuk, A. P.; Chen, S. Y.; Iliev, M. N.; et al.
Source: Physica C **Volume:** 361 **Issue:** 4 **Pages:** 234-238 **Published:** 2001
Times Cited: 2/2
DOI: 10.1016/s0921-4534(01)00607-4

73. **Title:** Evidence for the existence of two breathinglike phonon modes in infinite bundles of single-walled carbon nanotubes
Author(s): Popov, V. N.; Henrard, L.
Source: Physical Review B **Volume:** 63 **Issue:** 23 **Published:** 2001
Times Cited: 17/11
DOI: 10.1103/PhysRevB.63.233407

74. **Title:** Influence of packing on the vibrational properties of infinite and finite bundles of carbon nanotubes
Author(s): Henrard, L.; Popov, V. N.; Rubio, A.
Source: Physical Review B **Volume:** 64 **Issue:** 20 **Published:** 2001
Times Cited: 24/19
DOI: 10.1103/PhysRevB.64.205403

75. **Title:** Symmetry of phonon, magnetic, and spin-phonon excitations in GdSr2RuCu2O8 single crystals
Author(s): Hadjiev, V. G.; Backstrom, J.; Popov, V. N.; et al.
Source: Physical Review B **Volume:** 64 **Issue:** 13 **Published:** 2001
Times Cited: 12/12

76. **Title:** Crystal structure, electric and magnetic properties, and Raman spectroscopy of Gd3RuO7
Author(s): Bontchev, R. P.; Jacobson, A. J.; Gospodinov, M. M.; et al.
Source: Physical Review B **Volume:** 62 **Issue:** 18 **Pages:** 12235-12240 **Published:** 2000
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