

Всички цитати

- **Звено: (ИОМТ) Институт по оптически материали и технологии „Академик Йордан Малиновски”**
- **Година: 2019 ÷ 2020**
- **Тип записи: Записи, които влизат в отчета на звеното**

Брой цитирани публикации: 236

Брой цитиращи източници: 510

Коригиран брой: 509.025

1984

1. Ferdinandov, E., **Stoykova, E.** Method of Laser Sounding of the Atmospheric Dynamics. Bulgarian journal of physics, 1, 11, 1984, 58-69

Цитирани са:

1. Pachedjieva, B. K. (2019, September). Comparison of the Time Mutability and the Correlation-Extremal Methods for Stochastic Objects Drift Velocity Measurements. In 2019 IEEE XXVIII International Scientific Conference Electronics (ET) (pp. 1-4). IEEE., @2019 **1.000**

1989

2. **Malinowski, N**, Shaber, N, Bergmann, T, Martin, T.P.. Electronic Shell Structure in NaO Clusters. 69, 733, 1989, ISSN:1879-2766, ISI IF:1.323

Цитирани са:

2. Yanez, O., Báez-Grez, R., Inostroza, D., (...), Garza, J., Tiznado, W. "AUTOMATON: A Program That Combines a Probabilistic Cellular Automata and a Genetic Algorithm for Global Minimum Search of Clusters and Molecules". Journal of Chemical Theory and Computation Article in Press, @2019 **1.000**

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3. Martin, T.P., **Malinowski, N**, Zimmermann, U., Naeher, U., Schaber, H.. Metal coated fullerene molecules and clusters. The Journal of Chemical Physics, 99, 5, American Institute of Physics, 1993, 4210-4212. ISI IF:3.615

Цитирани са:

3. Wang, H., Zheng, M., Chen, G. "Geometric and electronic properties of $MnC_{60\pm 1, 0}$ ($M = Li, Na, K, n = 1-12$) clusters". Materials Research Express 6(6), 065605, @2019 **1.000**

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4. Gospodinov, M., **Doshkova, D.** Growth of Large Doped $Bi_{12}SiO_{20}$ Crystals. Cryst. Res. Technol., 29, Wiley-Blackwell, 1994, ISSN:0232-1300E-ISSN:1521-4079, 603-611. SJR (Scopus):0.404

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4. Dimov, T., Iliev, I., Hristova, A., Optical activity and faraday rotation around the edge absorption of the crystals $Bi_{12}SiO_{20}$ and $Bi_{12}SiO_{20} :M$ ($M = Co, Fe$), AIP Conference Proceedings 2075, @2019 **1.000**

5. Zimmermann, U., **Malinowski, N**, Naeher, U., Frank, S., Martin, T.P.. Multilayer Metal Coverage of Fullerene Molecules. Physical Review Letters, 72, 22, 1994, ISSN:0031-9007, 3542-3545. ISI IF:6.626

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5. Martini, P., Goulart, M., Kranabetter, L., (...), Scheier, P., Echt, O. "Charged Clusters of C_{60} and Au or Cu: Evidence for Stable Sizes and Specific Dissociation Channels". Journal of Physical Chemistry A 123(21), pp. 4599-4608, @2019 **1.000**

6. Taghipour, S., Hosseini, S.M., Ataie-Ashtiani, B. "Engineering nanomaterials for water and wastewater treatment: Review of classifications, properties and applications". New Journal of Chemistry 43(21), pp. 7902-7927, @2019 **1.000**

6. Zimmermann, U., Burkhardt, A., **Malinowski, N**, Naeher, U., Martin, T.P.. Quantum Chemical Study of Lithium - C_{60} Clusters. The Journal of Chemical Physics, 101, 3, 1994, ISSN:0021-9606, 2244-2249. ISI IF:3.635

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7. Wang, H., Zheng, M., Chen, G. "Geometric and electronic properties of $MnC_{60\pm 1}$, 0 (M = Li, Na, K, n = 1-12) clusters". Materials Research Express 6(6), 065605, @2019 1.000

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7. Zimmermann, U, **Malinowski, N**, Burkhardt, A, Martin, TP. Metal-coated fullerenes. Carbon, 33, 7, PERGAMON-ELSEVIER SCIENCE LTD, 1995, ISSN:0008-6223, DOI:10.1016/0008-6223(95)00028-C, 995-1006. ISI IF:6.89

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8. Teprovich, J.A., Weeks, J.A., Ward, P.A., (...), Zidan, R., Jena, P. "Hydrogenated C60 as High-Capacity Stable Anode Materials for Li Ion Batteries". ACS Applied Energy Materials 2(9), pp. 6453-6460, @2019 1.000
9. Akbari, F., Reisi-Vanani, A., Darvishnejad, M.H. "DFT study of the electronic and structural properties of single Al and N atoms and Al-N co-doped graphyne toward hydrogen storage". Applied Surface Science 488, pp. 600-610, @2019 1.000
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11. Wang, H., Zheng, M., Chen, G. "Geometric and electronic properties of $MnC_{60\pm 1}$, 0 (M = Li, Na, K, n = 1-12) clusters". Materials Research Express 6(6), 065605, @2019 1.000

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8. Starbova, K, **Dikova, J, Mankov, V**, Starbov, N. Microstructure and related properties of vapour deposited amorphous Sb2Se3 thin films. Vacuum, 47, 12, 1996, 1487-1490. ISI IF:0.518

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13. Sittler, E.C., Cooper, J.F., Sturner, S.J., Ali, A. "Titan's ionospheric chemistry, fullerenes, oxygen, galactic cosmic rays and the formation of exobiological molecules on and within its surfaces and lakes". Icarus Article in Press, @2019 1.000
10. Gospodinov, M, **Petrova, D**, Sveshtarov, P, **Marinova, V**. "Optical absorption properties of Pb5GeO4(VO)2 single crystals". Materials Research Bulletin, 31, 8, 1996, 1001-1005. JCR-IF (Web of Science):3.355

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14. L. T. Denisova, Yu. F. Kargin, E. O. Golubeva, N. V. Belousova, V. M. Denisov "Heat Capacity of $Pb_{10-x}La_x(GeO_4)_2+x(VO_4)_4-x$ (x = 0, 1, 2, 3) Apatites in the Range 320–1000 K" Inorg. Mater., 55: 162 (2019), @2019 1.000

1997

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15. Latif, M.R., Tenne, D.A., Mitkova, M., "Nanotube structures: material characterization and structural analysis of Ge–Se thin films" Journal of Materials Science: Materials in Electronics 30(3) (2019) pp. 2470-2478, @2019 [Линк](#) 1.000

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12. Branz, W, Billas, IML, **Malinowski, N**, Tast, F, Heinebrodt, M, Martin, TP. Cage substitution in metal-fullerene clusters. JOURNAL OF CHEMICAL PHYSICS, 109, 9, AMER INST PHYSICS, CIRCULATION FULFILLMENT DIV, 1998, ISSN:0021-9606, DOI:10.1063/1.477410, 3425-3430. ISI IF:3.017

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16. Tang, Q., Ji, W., Guo, W., Shen, Z., Fan, M. "First-Principle Study on Heterofullerenes: Effective and Multifunctional in Hg Removal". *Industrial and Engineering Chemistry Research* 58(25), pp. 11101-11110, @2019 1.000
17. Padole, M.C., Deshpande, P.A. "Structural and electronic properties of chemically modified fullerenes". *Molecular Simulation* 45(8), pp. 623-635, @2019 1.000
18. Liu, S., Gao, F.-W., Xu, H.-L., Su, Z.-M. "Transition metals doped fullerenes: structures–NLO property relationships". *Molecular Physics* 117(6), pp. 705-711, @2019 1.000
13. Konstantinov, I, **Babeva, T, Kitova, S.** Analysis of errors in thin-film optical parameters derived from spectrophotometric measurements at normal light incidence. *Applied Optics*, 37, 1998, 4260-4267. ISI IF:1.784

Цумура се е:

19. Hassanien, A.M., Atta, A.A., Ward, A.A., (...), El-Nahass, M.M., Altalhi, T. "Investigation of structural, electrical and optical properties of chitosan/fullerene composites". *Materials Research Express*. 6(12), 125304, 2019, @2019 [Линк](#) 1.000
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21. Liu, S., Gao, F.-W., Xu, H.-L., Su, Z.-M. "Transition metals doped fullerenes: structures–NLO property relationships". *Molecular Physics* 117(6), pp. 705-711, @2019 1.000

15. Mihailova, B., Bogachev, G., **Marinova, V.**, Konstantinov, L.. Raman spectroscopy study of sillenites. II. Effect of doping on Raman spectra of Bi12TiO20. *Journal of Physics and Chemistry of Solids*, 60, 11, 1999, 1829-1834. ISI IF:1.853

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22. Edgar Mosquera, Ram S. Katiyar, Carlos Marin "Vibrational study of the liquid structure of molten Bismuth Germanate (Bi12GeO20)" *Vibrational Spectroscopy*, Volume 100, Pages 191-194 (2019), @2019 [Линк](#) 1.000
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16. **Malinowski, N**, W.Branz, I.M.L.Billas, M.Heinebrodt, F.Tast, T.P.Martin. Cluster assemblies of metal-coated fullerenes. *The European Physical Journal D*, 9, EDP Sciences, 1999, ISSN:1434-6060, 41-44. ISI IF:1.448

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Цумура се е:

25. Khatun, F., Thakur, P., Bagchi, B., Das, S. "Photo-charging polymeric sodium-ion cell based on YSZ/PVDF film". *Applied Physics Letters* 115(18), 183904, @2019 1.000
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2001

20. Todorov R, Petkov K.. Light Induced Changes in Optical Properties of Thin As – S – Ge (Bi, Ti) Films. Journal of Optoelectronics and Advanced Materials, 3, 2001, 311-317. SJR:0.184, ISI IF:0.43

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29. M. Behera, R. Naik, C. Sripan, R.Ganesan, N.C.Mishra, Influence of Bi content on linear and nonlinear optical properties of As₄₀Se_{60-x}Bi_x chalcogenide thin films, Current Applied Physics, 19(8), pp.884-893, 2019., @2019

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Цитира се е:
40. Galina M.Kuz'micheva, Tatyana I.Mel'nikova, Irina A.Kaurova, Yan V.Zubavichus, Vladimir I.Nikolaychik "Isomorphous substitutions in sillenite-family single-crystal Bi₂₄(M_{2-x}Mn_{4+x})O₄₀ solid solutions (M = Al³⁺, Fe³⁺, Ge⁴⁺, Ti⁴⁺, Cr⁴⁺, V⁵⁺)" Journal of Crystal Growth, Volume 507, Pages 413-420 (2019), @2019 1.000
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Цитира се е:
43. Cherkashina, N., I; Pavlenko, V., I; Noskov, A., V "Radiation shielding properties of polyimide composite materials" RADIATION PHYSICS AND CHEMISTRY Volume: 159 Pages: 111-117 (2019), @2019 1.000

2003

30. **Karashanova, D**, Starbova, K, Starbov, N. Microstructure correlated properties of obliquely vacuum deposited Ag₂S thin films. JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, 5, 4, NATL INST OPTOELECTRONICS, 2003, ISSN:1454-4164, 903-906. ISI IF:0.996
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44. Devangamath, Shruti S. Lobo, Blaise. "Structural, Optical and Electrical Studies on Hybrid Material of In Situ Formed Silver sulfide in Polymer Blend Matrix". Journal of Inorganic and Organometallic Polymers and Materials 29, 5, 1466-1475, 2019., @2019 [Линк](#) 1.000
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