

## Списък с всички публикации на д-р Нено Тодоров<sup>1</sup>

1. G. G. Tsutsumanova, **N. D. Todorov**, S. C. Russev, M. V. Abrashev, V. G. Ivanov и A. V. Lukoyanov  
*Silver Flowerlike Structures for Surface-Enhanced Raman Spectroscopy*  
*Nanomaterials* **11**, 3184, (2021), IF: 5.076, SJR: 0.919, Q1 (2020).
2. Y. Tavitian, D. Y. Yancheva и **N. D. Todorov**  
*Three Persian Qajar paintings from the National Gallery Sofia. Study of the technology and the composition materials for the purpose of dating and conservation evaluation*  
*The European Physical Journal Plus* **136**, 733, (2021), IF: 3.911, SJR: 0.65, Q1.
3. S. Kesari, **N. D. Todorov**, V. Marinova и R. Rao  
*Structural stability of  $Sc_3CrO_6$ : A Raman spectroscopic study*  
*Journal of Raman Spectroscopy* **51**, 1362–1371, (2020), IF: 3.133, SJR: 0.748, Q1.
4. M. V. Abrashev, V. G. Ivanov, B. S. Stefanov, **N. D. Todorov**, J. Rosell и V. Skumryev  
*Raman spectroscopy of alpha-FeOOH (goethite) near antiferromagnetic to paramagnetic phase transition*  
*Journal of Applied Physics* **127**, 205108, (2020), IF: 2.546, SJR: 0.699, Q2.
5. M. Petrov, P. M. Rafailov, H. Naradikian, B. Katranchev и **N. D. Todorov**  
*Graphene-induced bi-tilted two-component smectic  $C_6$  phase with bulk ferroelectricity in hydrogen-bonded dimer liquid crystals*  
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7. B. Katranchev, M. Petrov, P. M. Rafailov и **N. D. Todorov**  
*Chiralization and ferroelectric state induction in nanostructured liquid crystals*  
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8. V. G. Ivanov, **N. D. Todorov**, L. S. Petrov, T. Ritacco, M. Giocondo и E. S. Vlakhov  
*Strong surface enhanced Raman scattering from gold nanoarrays obtained by direct laser writing*  
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9. M. V. Abrashev, **N. D. Todorov** и J. Geshev  
*Raman spectra of  $R_2O_3$  ( $R$ —rare earth) sesquioxides with C-type bixbyite crystal structure: A comparative study*  
*Journal of Applied Physics* **116**, 103508, (2014), IF: 2.183, SJR: 1.039, Q1.
10. **N. D. Todorov**, M. V. Abrashev, V. Marinova, M. Kadiyski, L. Dimowa и E. Faulques  
*Raman spectroscopy and lattice dynamical calculations of  $Sc_2O_3$  single crystals*  
*Physical Review B* **87**, 104301, (2013), IF: 3.664, SJR: 2.813, Q1.
11. V. G. Ivanov, M. V. Abrashev, **N. D. Todorov**, V. Tomov, R. P. Nikolova, A. P. Litvinchuk и M. N. Iliev  
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<sup>1</sup>Данните за импакт-фактора (IF) са взети от [Journal Citation Reports](#) (JCR). Тези за SJR (Scimago Journal Rank) са взети от [Scimago Journal & Country Rank](#). За квартил (Quartile) е използван по-високият от двата, според JCR и SJR. Всички данни са за годината на публикуване на съответната статия.

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*Raman spectroscopy and lattice-dynamical calculations of  $Sc_3CrO_6$  single crystals*  
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*Infrared response of  $\alpha$ - and  $\beta$ -phases of  $LiFe_5O_8$*   
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17. M. N. Iliev, V. G. Ivanov, **N. D. Todorov**, V. Marinova, M. V. Abrashev, R. Petrova, Y.-Q. Wang и A. P. Litvinchuk  
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18. **N. D. Todorov**, M. V. Abrashev, V. G. Ivanov и E. Vlakhov  
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