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Xenonucleic Acid Computing Group



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Project log



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added an **update**

Dec 2, 2016

EARLIEST WORKS ON THIS PROJECT (2014)

Gradov, O. V. Importance, the adjoint function for selfish gene transfer and kinetic models of dna sequencing by capillary electrophoresis. In *"Life of Genomes" [International Seminar]* (2014), Kazan, p. 14. **DOI:** 10.13140/2.1.1857.1203

[Conference Paper](#) [Importance, the adjoint function for selfish gene transfer a...](#)

Krukowskikh, V., and Gradov, O. V. Praxeometric analysis of the selfish genetic machinery using w. gasparsi criteria for extended phenotypic expressivity. In *"Life of Genomes" [International Seminar]* (2014), Kazan, p. 15. **DOI:** 10.13140/2.1.3298.9123

[Conference Paper](#) [Praxeometric analysis of the selfish genetic machinery using...](#)

Orehov, F. K., and Gradov, O. V. Spectral and fluorescent detection of the dna / xna cyclic code decoding on the selectively stained microscopic samples. In *"Life of Genomes" [International Seminar]* (2014), Kazan, p. 16. **DOI:** 10.13140/2.1.4347.4889

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Gradov, O. V. Qualimetric approach to molecular phylogenetics. In *NGS-2014* (2014), p. 6.

Conference Paper [Qualimetric approach to molecular phylogenetics](#)

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Our works published in: Proc. NGS-2016 (Institute of Bioorganic Chemistry; ISBN 978-5-9906541-1-2) . Conference is supported by RFBR project No. 16-04-20054\16. OA URL: <http://ngsconference.ru/files/theses-2016.pdf>

Gradov O., Skrynnik A. [Superresolution lens-free on-chip-microscopy method as a novel technique for NGS] // Proc. NGS-2016 (Institute of Bioorganic Chemistry; ISBN 978-5-9906541-1-2), p. 5. [in Russian]

Gradov O., Pankratov S. [«Radioisotopic bioinformatics» methods for multispectral sequencing in the active chip] // Proc. NGS-2016 (Institute of Bioorganic Chemistry; ISBN 978-5-9906541-1-2), p. 22. [in Russian]

Jablokov A. [LSFM approaches (OPFOS, SPIM, mSPIM, MuViSPIM) for analyte distribution profile measurements in capillary sequencing and high-performance CGE and CZE separation techniques] // Proc. NGS-2016 (Institute of Bioorganic Chemistry; ISBN 978-5-9906541-1-2), p. 23. [in Russian]

Orekhov F., Gradov O., Lin J. [Coordinate scanning vectorscopy and angular scanning vectorscopy as methods of spectrozonal / multispectral estimation of decoding hybridization in real time] // Proc. NGS-2016 (Institute of Bioorganic Chemistry; ISBN 978-5-9906541-1-2), p. 24. [in Russian]

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XV International Conference on Thermal Analysis and Calorimetry (RTAC-2016)

Gradov O.V. [REAL TIME COMPLEXATION OF XNA THERMOCYCLING AND DIFFERENTIAL SCANNING CALORIMETRY-ON-A-CHIP AS A NOVEL TOOL FOR MODELING AND ANALYSIS OF TEMPLATED SYNTHESIS OR SELF-ASSEMBLY OF THE PROTO-GENETIC CODE]. Proc. RTAC-2016, Vol. 2, pp. 392-396.

http://istina.msu.ru/media/publications/article/b2d/81a/30211079/Soderzhanie_i_obl

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INVITED ANALYTICAL REVIEW (2016)

Gradov O.V., Krukowskikh V.V., Orehov F.K. [POLYMEROMICS AS AN APPROACH FOR BIOPOLYMER SEQUENCING AND ANALYSIS OF PROTOBIOPOLYMER CODES AND TEMPLATES. PART I. POLYMEROMICS OF SEMANTIDES AND EPISEMSNTIDES AS A NOVEL WAY FOR INFORMATION CARRIER EVOLUTION RESEARCH (Invited analytical review)] // Biomics, 2016, 8(3): 246-265. [in Russian]

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Apr 29, 2016

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