

Sofya A Kuznetsova

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

340
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent Cyclic Voltammetry of Immobilized Azurin: Direct Observation of Thermodynamic and Kinetic Heterogeneity. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5776-5779.	13.8	74
2	The enzyme mechanism of nitrite reductase studied at single-molecule level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3250-3255.	7.1	70
3	A Förster-resonance-energy transfer-based method for fluorescence detection of the protein redox state. <i>Analytical Biochemistry</i> , 2006, 350, 52-60.	2.4	42
4	Mechanism of Spinach Chloroplast Ferredoxin-Dependent Nitrite Reductase: Spectroscopic Evidence for Intermediate States. <i>Biochemistry</i> , 2004, 43, 510-517.	2.5	34
5	Monitoring Interfacial Bioelectrochemistry Using a FRET Switch. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20649-20654.	2.6	34
6	Reactions of Spinach Nitrite Reductase with Its Substrate, Nitrite, and a Putative Intermediate, Hydroxylamine. <i>Biochemistry</i> , 2004, 43, 10765-10774.	2.5	27
7	Anti-CD antibody microarray for human leukocyte morphology examination allows analyzing rare cell populations and suggesting preliminary diagnosis in leukemia. <i>Scientific Reports</i> , 2015, 5, 12573.	3.3	20
8	On the involvement of the water-polaron mechanism in energy trapping by reaction centers of purple bacteria. <i>Biochemistry (Moscow)</i> , 2002, 67, 1224-1229.	1.5	6
9	The Nature and Clinical Significance of Atypical Mononuclear Cells in Infectious Mononucleosis Caused by the Epstein-Barr Virus in Children. <i>Journal of Infectious Diseases</i> , 2021, 223, 1699-1706.	4.0	5
10	Backward electron transport in photosystem 2 reaction center and temperature dependence of delayed luminescence characteristics. <i>Bioelectrochemistry</i> , 2002, 56, 13-16.	4.6	4
11	Simultaneous finding of chronic lymphocytic leukemia and residual hairy cell leukemia using a lymphocyte-binding anti-CD antibody microarray. <i>Clinical Case Reports (discontinued)</i> , 2018, 6, 753-755.	0.5	3
12	Physicochemical examinations of the mechanisms and regulation of photosynthesis in higher plants: I. Thermoluminescence in examination of photosynthesis. <i>Russian Journal of General Chemistry</i> , 2007, 77, 2040-2048.	0.8	2
13	Immunological biochips for studies of human erythrocytes. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2008, 2, 217-224.	0.6	1
14	Immunological biochips for parallel detection of surface antigens and morphological analysis of cells. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2008, 2, 225-230.	0.6	1
15	Physicochemical examinations of the mechanisms and regulation of photosynthesis in higher plants: II. Luminescence induction in examination of photosynthesis regulation. <i>Russian Journal of General Chemistry</i> , 2007, 77, 2049-2063.	0.8	0
16	Bone marrow cell morphology in congenital dyserythropoietic anemia: selective enrichment of the studied cell population for light and electron microscopy using a microarray and centrifugation in a density gradient. <i>Pediatric Hematology/Oncology and Immunopathology</i> , 2018, 17, 104-107.	0.3	0
17	Leukocyte morphology on an anti-CD antibody microarray for acute leukemia diagnosis: morphology rejuvenated. <i>Open Access Journal of Translational Medicine & Research</i> , 2018, 2, .	0.1	0
18	Unusual nuclear form hairy cells in hairy cell leukemia discovered using a lymphocyte-binding anti-CD antibody microarray.. <i>Klinicheskaya Meditsina</i> , 2018, 96, 667-672.	0.1	0

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19	CELL BIOCHIP – A NEW METHOD OF COMBINED MORPHOLOGICAL DIAGNOSIS OF ACUTE LEUKEMIA IN CHILDREN. <i>Pediatrics</i> , 2019, 98, 91-97.	0.2	0
20	Diagnostic criteria of lymphoproliferative diseases from the peripheral blood samples using a cell biochip. <i>Almanah Klinicheskoy Meditsiny</i> , 0, 49, .	0.3	0