

Svetla J Todinova

List of Publications by Year in descending order

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54
papers

618
citations

686830

13
h-index

642321

23
g-index

55
all docs

55
docs citations

55
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Calorimetry-based profiling of blood plasma from colorectal cancer patients. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1879-1885.	1.1	70
2	Microcalorimetry of Blood Serum Proteome: A Modified Interaction Network in the Multiple Myeloma Case. <i>Analytical Chemistry</i> , 2011, 83, 7992-7998.	3.2	68
3	Structural Rearrangements in Chloroplast Thylakoid Membranes Revealed by Differential Scanning Calorimetry and Circular Dichroism Spectroscopy. <i>Thermo-optic Effect</i> . <i>Biochemistry</i> , 2003, 42, 11272-11280.	1.2	63
4	Effects of exogenous 24-epibrassinolide on the photosynthetic membranes under non-stress conditions. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 75-82.	2.8	40
5	Differential scanning calorimetry of the irreversible denaturation of <i>Rapana thomasiana</i> (marine) Tj ETQq1 1 0.784314 rgBT /Overlock 50-56.	1.1	33
6	Thermal and conformational stability of insulin in the presence of imidazolium-based ionic liquids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 2591-2598.	2.0	26
7	Intercriteria analysis of calorimetric data of blood serum proteome. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 409-417.	1.1	24
8	Calorimetric Markers of Bence Jones and Nonsecretory Multiple Myeloma Serum Proteome. <i>Analytical Chemistry</i> , 2014, 86, 12355-12361.	3.2	22
9	Calorimetric monitoring of the serum proteome in schizophrenia patients. <i>Thermochimica Acta</i> , 2013, 572, 59-64.	1.2	21
10	Modification of <i>Rapana thomasiana</i> hemocyanin with choline amino acid salts significantly enhances its antiproliferative activity against MCF-7 human breast cancer cells. <i>RSC Advances</i> , 2015, 5, 63345-63354.	1.7	20
11	Calorimetric features of IgM gammopathies. Implication for patient's diagnosis and monitoring. <i>Thermochimica Acta</i> , 2015, 615, 23-29.	1.2	16
12	Insights into the morphological pattern of erythrocytes' aging: Coupling quantitative AFM data to microcalorimetry and Raman spectroscopy. <i>Journal of Molecular Recognition</i> , 2018, 31, e2732.	1.1	15
13	Heat- and light-induced detachment of the light-harvesting antenna complexes of photosystem I in isolated stroma thylakoid membranes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 137, 4-12.	1.7	13
14	<i>Rapana thomasiana</i> hemocyanin modified with ionic liquids with enhanced anti breast cancer activity. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 798-805.	3.6	13
15	Insights into graphene oxide interaction with human serum albumin in isolated state and in blood plasma. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 19-29.	3.6	13
16	Morphometry and Stiffness of Red Blood Cells – Signatures of Neurodegenerative Diseases and Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 227.	1.8	12
17	Low pH Modulates the Macroorganization and Thermal Stability of PSII Supercomplexes in Grana Membranes. <i>Biophysical Journal</i> , 2015, 108, 844-853.	0.2	11
18	Physiological and structural adjustments of two ecotypes of <i>Platanus orientalis</i> L. from different habitats in response to drought and re-watering. , 2018, 6, coy073.		11

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19	Thylakoid membrane unstacking increases LHCII thermal stability and lipid phase fluidity. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 425-435.	1.0	10
20	Kinetic nature of the thermal destabilization of LHCII macroaggregates. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 78, 165-170.	1.7	9
21	Calorimetric markers for monitoring of multiple myeloma and Waldenström's macroglobulinemia patients. <i>European Biophysics Journal</i> , 2018, 47, 549-559.	1.2	9
22	Effect of autologous stem-cells transplantation of patients with multiple myeloma on the calorimetric markers of the serum proteome. Correlation with the immunological markers. <i>Thermochimica Acta</i> , 2017, 655, 351-357.	1.2	8
23	Calorimetric signatures of human cancer cells and their nuclei. <i>Thermochimica Acta</i> , 2016, 623, 95-101.	1.2	7
24	<i>Cotinus coggygria</i> Scop. induces cell cycle arrest, apoptosis, genotoxic effects, thermodynamic and epigenetic events in MCF7 breast cancer cells. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021, 76, 129-140.	0.6	7
25	Unusual thermal transition in the serum calorimetric profile of a patient diagnosed with multiple myeloma with secretion of monoclonal κ free light chains: a case report. <i>Cancer Research Frontiers</i> , 2016, 2, 416-426.	0.2	7
26	C-terminal functional unit of <i>Rapana thomasiana</i> (marine snail, gastropod) hemocyanin isoform RtH1: isolation and characterization. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1651, 153-162.	1.1	6
27	PLA2 Polymorphism in Glycoprotein IIb/IIIa Modulates the Morphology and Nanomechanics of Platelets. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2017, 23, 951-960.	0.7	6
28	Red Blood Cells' Thermodynamic Behavior in Neurodegenerative Pathologies and Aging. <i>Biomolecules</i> , 2021, 11, 1500.	1.8	6
29	Identification of thylakoid membrane thermal transitions in <i>Synechocystis</i> sp. PCC6803 photosynthetic mutants. <i>Photosynthesis Research</i> , 2011, 107, 237-246.	1.6	5
30	Calorimetric Study of <i>Helix aspersa</i> Maxima Hemocyanin Isoforms. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-8.	0.7	4
31	Structural organization, thermal stability, and excitation energy utilization of pea thylakoid membranes adapted to low light conditions. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	4
32	Folate-conjugated <i>Helix lucorum</i> hemocyanin preparation, stability, and cytotoxicity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2020, 75, 23-30.	0.6	4
33	Irreversible thermal denaturation of <i>Helix aspersa maxima</i> hemocyanin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 777-786.	2.0	3
34	Calorimetric manifestation of IgA monoclonal immunoglobulins in multiple myeloma sera. <i>Thermochimica Acta</i> , 2018, 666, 208-211.	1.2	3
35	Calorimetric assay to follow colorectal cancer development in experimental rat models. <i>Thermochimica Acta</i> , 2020, 691, 178723.	1.2	3
36	Morphometric and Nanomechanical Features of Platelets from Women with Early Pregnancy Loss Provide New Evidence of the Impact of Inherited Thrombophilia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7778.	1.8	3

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37	Mesenchymal Stem-Cell Remodeling of Adsorbed Type-I Collagen—The Effect of Collagen Oxidation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3058.	1.8	3
38	Morphometric and Nanomechanical Features of Erythrocytes Characteristic of Early Pregnancy Loss. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4512.	1.8	3
39	Structural integrity of <i>Synechocystis</i> sp. PCC 6803 phycobilisomes evaluated by means of differential scanning calorimetry. <i>Photosynthesis Research</i> , 2018, 137, 95-104.	1.6	2
40	Destabilization of β -Hemocyanin from <i>Helix pomatia</i> in Presence of Choline Amino Acids Results in Improved Cell Specificity and Cytotoxicity against Human Breast Cancer. <i>ChemistrySelect</i> , 2019, 4, 11460-11466.	0.7	2
41	Thermal stability and secondary structure of feruloylated <i>Rapana thomasiana</i> hemocyanin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2715-2720.	2.0	2
42	Structural, Thermal, and Storage Stability of <i>Rapana Thomasiana</i> Hemocyanin in the Presence of Cholinium-Amino Acid-Based Ionic Liquids. <i>Molecules</i> , 2021, 26, 1714.	1.7	2
43	Biophysical Properties and Cytotoxicity of Feruloylated <i>Helix Lucorum</i> Hemocyanin. <i>Acta Chimica Slovenica</i> , 2020, 67, 253-259.	0.2	2
44	Thermal stability and binding energetics of thymidylate synthase ThyX. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 560-567.	3.6	1
45	Chemically Modified Hemocyanins with Enhanced Antibreast Cancer Activities. <i>Proceedings (mdpi)</i> , 2019, 22, 13.	0.2	1
46	Effect of ketoprofen-based ionic liquids on secondary structure and thermal stability of human serum albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1911-1917.	2.0	1
47	Ageing-related changes in the calorimetric profile of red blood cells from women with miscarriages. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1919-1926.	2.0	1
48	Rosmarinic acid-conjugated hemocyanins: synthesis and stability. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1903-1909.	2.0	1
49	Calorimetric Markers for Inflammation in <i>in vivo</i> Experimental Models. <i>International Journal Bioautomation</i> , 2019, 23, 479-488.	0.1	1
50	Thermodynamic behavior of breast cancer cell lines after miltefosine and cisplatin treatment. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	1
51	Phycobilisome integrity and functionality in lipid unsaturation and xanthophyll mutants in <i>Synechocystis</i> . <i>Photosynthesis Research</i> , 2020, 145, 179-188.	1.6	0
52	Biophysical characterization of the structural stability of <i>Helix lucorum</i> hemocyanin. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 18-28.	0.5	0
53	SND Rs1799889(-) In The Promotor Of The Plasminogen Activator Inhibitor-1 Gene Contributes To The Risk Of DVT In Women. <i>Journal of Biomedical and Clinical Research</i> , 2015, 8, 124-132.	0.1	0
54	Alterations in Platelet Activity and Elastic Modulus of Healthy Subjects, Carriers of G20210A Polymorphism in the Prothrombin Gene. <i>Journal of Biomedical and Clinical Research</i> , 2016, 9, 72-79.	0.1	0