

# Danielis Rutkauskas

## List of Publications by Year in descending order

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29  
papers

764  
citations

687363

13  
h-index

526287

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Transfer in the Peridinin Chlorophyll-a Protein of <i>Amphidinium carterae</i> Studied by Polarized Transient Absorption and Target Analysis. <i>Biophysical Journal</i> , 2001, 80, 2843-2855.	0.5	113
2	Fluorescence Spectral Fluctuations of Single LH2 Complexes from <i>Rhodospseudomonas acidophila</i> Strain 10050. <i>Biochemistry</i> , 2004, 43, 4431-4438.	2.5	102
3	Dynamics of the Emission Spectrum of a Single LH2 Complex: Interplay of Slow and Fast Nuclear Motions. <i>Biophysical Journal</i> , 2006, 90, 2890-2902.	0.5	94
4	Tetramer opening in LacI-mediated DNA looping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16627-16632.	7.1	45
5	Protein dynamics revealed in the excitonic spectra of single LH2 complexes. <i>Journal of Luminescence</i> , 2007, 127, 269-275.	3.1	36
6	Spectral Trends in the Fluorescence of Single Bacterial Light-Harvesting Complexes: Experiments and Modified Redfield Simulations. <i>Biophysical Journal</i> , 2006, 90, 2475-2485.	0.5	33
7	Spectral Dynamics of Individual Bacterial Light-Harvesting Complexes: Alternative Disorder Model. <i>Biophysical Journal</i> , 2008, 94, 1348-1358.	0.5	31
8	Comparative Study of Spectral Flexibilities of Bacterial Light-Harvesting Complexes: Structural Implications. <i>Biophysical Journal</i> , 2006, 90, 2463-2474.	0.5	28
9	Single-walled carbon nanotubes as a photo-thermo-acoustic cancer theranostic agent: theory and proof of the concept experiment. <i>Scientific Reports</i> , 2020, 10, 22174.	3.3	27
10	Exciton annihilation as a probe of the light-harvesting antenna transition into the photoprotective mode. <i>Chemical Physics</i> , 2012, 404, 123-128.	1.9	24
11	Multistate conformational model of a single LH2 complex: Quantitative picture of time-dependent spectral fluctuations. <i>Chemical Physics</i> , 2007, 341, 45-56.	1.9	18
12	Conformational Relaxation of Single Bacterial Light-Harvesting Complexes. <i>Biochemistry</i> , 2006, 45, 1082-1086.	2.5	16
13	DNA-Endonuclease Complex Dynamics by Simultaneous FRET and Fluorophore Intensity in Evanescent Field. <i>Biophysical Journal</i> , 2017, 112, 850-858.	0.5	14
14	Surface-Enhanced Raman Spectroscopy of Organic Molecules and Living Cells with Gold-Plated Black Silicon. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50971-50984.	8.0	14
15	Influence of the Carotenoid Composition on the Conformational Dynamics of Photosynthetic Light-Harvesting Complexes. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5898-5906.	4.6	13
16	Structural and Fluorescence Studies of Polycrystalline $\text{Al}_2\text{O}_3$ Obtained From Sulfuric Acid Anodic Alumina. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700892.	1.8	11
17	Prokaryotic Argonaute from <i>Archaeoglobus fulgidus</i> interacts with DNA as a homodimer. <i>Scientific Reports</i> , 2021, 11, 4518.	3.3	9
18	Restriction Enzyme <i>EcoRI</i> -Induced DNA Looping Dynamics by Single-Molecule FRET. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8575-8582.	2.6	8

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19	Probing the dynamics of restriction endonuclease NgoMIVâ€™DNA interaction by singleâ€™molecule FRET. Biopolymers, 2017, 107, e23075.	2.4	7
20	Recognition of Spatial Distribution of CNT and Graphene in Hybrid Structure by Mapping with Coherent Anti-Stokes Raman Microscopy. Nanoscale Research Letters, 2020, 15, 37.	5.7	7
21	ENERGY TRANSFER IN THE PERIDININ CHLOROPHYLL a PROTEIN OF AMPHIDINIUM CARTERAE STUDIED BY POLARIZED ABSORPTION MEASUREMENTS. International Journal of Modern Physics B, 2001, 15, 3849-3852.	2.0	5
22	Macro-, Micro- and Nano-Roughness of Carbon-Based Interface with the Living Cells: Towards a Versatile Bio-Sensing Platform. Sensors, 2020, 20, 5028.	3.8	5
23	Characterization of thymine microcrystals by CARS and SHG microscopy. Scientific Reports, 2020, 10, 17097.	3.3	5
24	Visualizing hypochlorous acid production by human neutrophils with fluorescent graphene quantum dots. Nanotechnology, 2022, 33, 095101.	2.6	5
25	Optimization of wide-field second-harmonic generation microscopy for fast imaging of large sample areas in biological tissues. Lithuanian Journal of Physics, 2020, 60, .	0.4	3
26	Investigation by CARS microscopy of squalene and boron nitride as a precursor material for drug delivery carrier. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 380, 111863.	3.9	2
27	Quantitative and qualitative analysis of pulmonary arterial hypertension fibrosis using wide-field second harmonic generation microscopy. Scientific Reports, 2022, 12, 7330.	3.3	2
28	Coherent anti-stokes Raman scattering spectroscopy (CARS) and imaging of DNA on graphene layers and glass covers. FlatChem, 2021, 27, 100243.	5.6	1
29	Dichotomous disorder model for single light-harvesting complexes. Lithuanian Journal of Physics, 2019, 58, .	0.4	0