

Photoinduced Chemistry in Fluorescent Proteins: Curse

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Scalable and continuous nanomaterial integration with transgenic fibers for enhanced photoluminescence. <i>Materials Horizons</i> , 2017, 4, 281-289.	6.4	14
2	The Effect of Conjugation on the Competition between Internal Conversion and Electron Detachment: A Comparison between Green Fluorescent and Red Kaede Protein Chromophores. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 765-771.	2.1	17
3	Introduction: Light Harvesting. <i>Chemical Reviews</i> , 2017, 117, 247-248.	23.0	15
4	Mechanism of resonant electron emission from the deprotonated GFP chromophore and its biomimetics. <i>Chemical Science</i> , 2017, 8, 3154-3163.	3.7	38
5	Combined quantum-mechanical molecular mechanics calculations with NWChem and AMBER: Excited state properties of green fluorescent protein chromophore analogue in aqueous solution. <i>Journal of Computational Chemistry</i> , 2017, 38, 1631-1639.	1.5	3
6	Analytical Derivative Coupling for Multistate CASPT2 Theory. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 2561-2570.	2.3	109
7	High-level <i>Ab Initio</i> Absorption Spectra Simulations of Neutral, Anionic and Neutral+ Chromophore of Green Fluorescence Protein Chromophore Models in Gas Phase and Solution. <i>Photochemistry and Photobiology</i> , 2017, 93, 1356-1367.	1.3	4
8	A metal-organic framework as a flask: photophysics of confined chromophores with a benzylidene imidazolinone core. <i>Chemical Communications</i> , 2017, 53, 7361-7364.	2.2	20
9	A Double Decarboxylation in Superfolder Green Fluorescent Protein Leads to High Contrast Photoactivation. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2862-2868.	2.1	1
10	Genetically encoded fluorescent tags. <i>Molecular Biology of the Cell</i> , 2017, 28, 848-857.	0.9	104
11	Theory and Simulation of the Ultrafast Double-Bond Isomerization of Biological Chromophores. <i>Chemical Reviews</i> , 2017, 117, 13502-13565.	23.0	223
12	Mutants of the Flavoprotein iLOV as Prospective Red-Shifted Fluorescent Markers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10018-10025.	1.2	25
13	DNA mimics of red fluorescent proteins (RFP) based on G-quadruplex-confined synthetic RFP chromophores. <i>Nucleic Acids Research</i> , 2017, 45, 10380-10392.	6.5	70
14	Photoswitching of Green mEos2 by Intense 561 nm Light Perturbs Efficient Green-to-Red Photoconversion in Localization Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4424-4430.	2.1	20
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16	Chromophores of chromophores: a bottom-up $\frac{1}{4}$ ckel picture of the excited states of photoactive proteins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29772-29779.	1.3	24
17	Protein labeling for live cell fluorescence microscopy with a highly photostable renewable signal. <i>Chemical Science</i> , 2017, 8, 7138-7142.	3.7	62
18	Site-Specific One-to-One Click Coupling of Single Proteins to Individual Carbon Nanotubes: A Single-Molecule Approach. <i>Journal of the American Chemical Society</i> , 2017, 139, 17834-17840.	6.6	30

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20	Molecular Modeling Clarifies the Mechanism of Chromophore Maturation in the Green Fluorescent Protein. <i>Journal of the American Chemical Society</i> , 2017, 139, 10239-10249.	6.6	39
21	Struggle for photostability: Bleaching mechanisms of fluorescent proteins. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 625-633.	0.3	9
22	A Long-Lived Triplet State Is the Entrance Gateway to Oxidative Photochemistry in Green Fluorescent Proteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 2897-2905.	6.6	32
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28	Pyridinium Analogues of Green Fluorescent Protein Chromophore: Fluorogenic Dyes with Large Solvent-Dependent Stokes Shift. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1958-1963.	2.1	37
29	Spectroscopy in Complex Environments from QM/MM Simulations. <i>Chemical Reviews</i> , 2018, 118, 4071-4113.	23.0	136
30	Green-Light-Activated Photoreaction via Genetic Hybridization of Far-Red Fluorescent Protein and Silk. <i>Advanced Science</i> , 2018, 5, 1700863.	5.6	15
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33	Probing the excited state dynamics of Venus: origin of dual-emission in fluorescent proteins. <i>Faraday Discussions</i> , 2018, 207, 39-54.	1.6	14
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38	Observation of Near-Threshold Resonances in the Flavin Chromophore Anions Alloxazine and Lumichrome. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6124-6130.	2.1	23
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147	Super-Resolution Radial Fluctuations (SRRF) Microscopy. <i>Methods in Molecular Biology</i> , 2022, 2440, 225-251.	0.4	0
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