# Nadya G Gurskaya

## List of Publications by Citations



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|---|---|---|---|
| 33 papers | 5,412 citations | 22 h-index | 35 g-index |
| 35 ext. papers | 5,767 ext. citations | 8 avg, IF | 4.44 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 33 | Suppression subtractive hybridization: a method for generating differentially regulated or tissue-specific cDNA probes and libraries. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 6025-30 | 11.5 | 2618 |
| 32 | Engineering of a monomeric green-to-red photoactivatable fluorescent protein induced by blue light. *Nature Biotechnology*, **2006**, 24, 461-5 | 44.5 | 573 |
| 31 | Diversity and evolution of the green fluorescent protein family. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 4256-61 | 11.5 | 294 |
| 30 | Natural animal coloration can Be determined by a nonfluorescent green fluorescent protein homolog. *Journal of Biological Chemistry*, **2000**, 275, 25879-82 | 5.4 | 261 |
| 29 | Equalizing cDNA subtraction based on selective suppression of polymerase chain reaction: cloning of Jurkat cell transcripts induced by phytohemaglutinin and phorbol 12-myristate 13-acetate. *Analytical Biochemistry*, **1996**, 240, 90-7 | 3.1 | 223 |
| 28 | Intra-axonal translation and retrograde trafficking of CREB promotes neuronal survival. *Nature Cell Biology*, **2008**, 10, 149-59 | 23.4 | 219 |
| 27 | GFP-like chromoproteins as a source of far-red fluorescent proteins. *FEBS Letters*, **2001**, 507, 16-20 | 3.8 | 198 |
| 26 | A strategy for the generation of non-aggregating mutants of Anthozoa fluorescent proteins. *FEBS Letters*, **2002**, 511, 11-4 | 3.8 | 130 |
| 25 | Red fluorescent protein with reversibly photoswitchable absorbance for photochromic FRET. *Chemistry and Biology*, **2010**, 17, 745-55 | | 113 |
| 24 | Structural basis for phototoxicity of the genetically encoded photosensitizer KillerRed. *Journal of Biological Chemistry*, **2009**, 284, 32028-39 | 5.4 | 102 |
| 23 | Mirror orientation selection (MOS): a method for eliminating false positive clones from libraries generated by suppression subtractive hybridization. *Nucleic Acids Research*, **2000**, 28, E90 | 20.1 | 99 |
| 22 | Common pathway for the red chromophore formation in fluorescent proteins and chromoproteins. *Chemistry and Biology*, **2004**, 11, 845-54 | | 91 |
| 21 | A colourless green fluorescent protein homologue from the non-fluorescent hydromedusa Aequorea coerulescens and its fluorescent mutants. *Biochemical Journal*, **2003**, 373, 403-8 | 3.8 | 79 |
| 20 | Far-red fluorescent proteins evolved from a blue chromoprotein from Actinia equina. *Biochemical Journal*, **2005**, 392, 649-54 | 3.8 | 73 |
| 19 | Method for real-time monitoring of protein degradation at the single cell level. *BioTechniques*, **2007** , 42, 446, 448, 450 | 2.5 | 67 |
| 18 | Fast reversibly photoswitching red fluorescent proteins for live-cell RESOLFT nanoscopy. *Nature Methods*, **2018**, 15, 601-604 | 21.6 | 40 |
| 17 | Color transitions in coralls fluorescent proteins by site-directed mutagenesis. *BMC Biochemistry*, **2001**, 2, 6 | 4.8 | 40 |

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|---|---|---|---|
| 16 | Molecule by molecule PCR amplification of complex DNA mixtures for direct sequencing: an approach to in vitro cloning. *Nucleic Acids Research*, **1996**, 24, 2194-5 | 20.1 | 34 |
| 15 | Method for quantitative analysis of nonsense-mediated mRNA decay at the single cell level. *Scientific Reports*, **2015**, 5, 7729 | 4.9 | 31 |
| 14 | A purple-blue chromoprotein from Goniopora tenuidens belongs to the DsRed subfamily of GFP-like proteins. *Journal of Biological Chemistry*, **2003**, 278, 46288-92 | 5.4 | 30 |
| 13 | Structural evidence for a dehydrated intermediate in green fluorescent protein chromophore biosynthesis. *Journal of Biological Chemistry*, **2010**, 285, 15978-84 | 5.4 | 23 |
| 12 | Identification and characterization of a new family of C-type lectin-like genes from planaria Girardia tigrina. *Glycobiology*, **2002**, 12, 463-72 | 5.8 | 23 |
| 11 | Analysis of alternative splicing of cassette exons at single-cell level using two fluorescent proteins. *Nucleic Acids Research*, **2012**, 40, e57 | 20.1 | 21 |
| 10 | New class of blue animal pigments based on Frizzled and Kringle protein domains. *Journal of Biological Chemistry*, **2004**, 279, 43367-70 | 5.4 | 13 |
| 9 | Spectral diversity among members of the green fluorescent protein family in hydroid jellyfish (Cnidaria, Hydrozoa). *Russian Journal of Bioorganic Chemistry*, **2005**, 31, 43-47 | 1 | 5 |
| 8 | Analysis of Nonsense-Mediated mRNA Decay at the Single-Cell Level Using Two Fluorescent Proteins. *Methods in Enzymology*, **2016**, 572, 291-314 | 1.7 | 4 |
| 7 | Keratins as an Inflammation Trigger Point in Epidermolysis Bullosa Simplex. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 3 |
| 6 | Genetically Encoded Fluorescent Sensor for Poly-ADP-Ribose. *International Journal of Molecular Sciences*, **2020**, 21, | 6.3 | 3 |
| 5 | Functioning of Fluorescent Proteins in Aggregates in Anthozoa Species and in Recombinant Artificial Models. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 1 |
| 4 | A Natural Fluorescent Protein That Changes Its Fluorescence Color during Maturation. *Russian Journal of Bioorganic Chemistry*, **2003**, 29, 325-329 | 1 | 1 |
| 3 | Key Amino Acid Residues Responsible for the Color of Green and Yellow Fluorescent Proteins from the Coral Polyp Zoanthus sp.. *Russian Journal of Bioorganic Chemistry*, **2002**, 28, 274-277 | 1 | |
| 2 | Fluorescent Protein-Based Quantification of Alternative Splicing of a Target Cassette Exon in Mammalian Cells. *Methods in Enzymology*, **2016**, 572, 255-68 | 1.7 | |
| 1 | Generation of Cell Lines Stably Expressing a Fluorescent Reporter of Nonsense-Mediated mRNA Decay Activity. *Methods in Molecular Biology*, **2018**, 1720, 187-204 | 1.4 | |