Nadya G Gurskaya

List of Publications by Year
in descending order

35 papers	6,136 citations	279487 23 h-index	377514 34 g-index
35 all docs	35 docs citations	35 times ranked	8358 citing authors

#	Article	IF	Citations
1	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, 6025-6030.	3.3	2,822
2	Engineering of a monomeric green-to-red photoactivatable fluorescent protein induced by blue light. Nature Biotechnology, 2006, 24, 461-465.	9.4	673
3	Diversity and evolution of the green fluorescent protein family. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4256-4261.	3.3	340
4	Natural Animal Coloration Can Be Determined by a Nonfluorescent Green Fluorescent Protein Homolog. Journal of Biological Chemistry, 2000, 275, 25879-25882.	1.6	300
5	Intra-axonal translation and retrograde trafficking of CREB promotes neuronal survival. Nature Cell Biology, 2008, 10, 149-159.	4.6	257
6	GFP-like chromoproteins as a source of far-red fluorescent proteins. FEBS Letters, 2001, 507, 16-20.	1.3	240
7	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, 90-97.	1.1	239
8	A strategy for the generation of non-aggregating mutants ofAnthozoafluorescent proteins. FEBS Letters, 2002, 511, 11-14.	1.3	148
9	Structural Basis for Phototoxicity of the Genetically Encoded Photosensitizer KillerRed. Journal of Biological Chemistry, 2009, 284, 32028-32039.	1.6	123
10	Red Fluorescent Protein with Reversibly Photoswitchable Absorbance for Photochromic FRET. Chemistry and Biology, 2010, 17, 745-755.	6.2	123
11	Mirror orientation selection (MOS): a method for eliminating false positive clones from libraries generated by suppression subtractive hybridization. Nucleic Acids Research, 2000, 28, 90e-90.	6.5	118
12	Common Pathway for the Red Chromophore Formation in Fluorescent Proteins and Chromoproteins. Chemistry and Biology, 2004, 11, 845-854.	6.2	108
13	A colourless green fluorescent protein homologue from the non-fluorescent hydromedusa Aequorea coerulescens and its fluorescent mutants. Biochemical Journal, 2003, 373, 403-408.	1.7	91
14	Far-red fluorescent proteins evolved from a blue chromoprotein from Actinia equina. Biochemical Journal, 2005, 392, 649-654.	1.7	86
15	Fast reversibly photoswitching red fluorescent proteins for live-cell RESOLFT nanoscopy. Nature Methods, 2018, 15, 601-604.	9.0	73
16	Method for real-time monitoring of protein degradation at the single cell level. BioTechniques, 2007, 42, 446-450.	0.8	71
17	Color transitions in coral's fluorescent proteins by site-directed mutagenesis. BMC Biochemistry, 2001, 2, 6.	4.4	47
18	Method for quantitative analysis of nonsense-mediated mRNA decay at the single cell level. Scientific Reports, 2015, 5, 7729.	1.6	47

#	Article	IF	Citations
19	Molecule by molecule PCR amplification of complex DNA mixtures for direct sequencing: an approach to in vitro cloning. Nucleic Acids Research, 1996, 24, 2194-2195.	6.5	44
20	A Purple-blue Chromoprotein from Goniopora tenuidens Belongs to the DsRed Subfamily of GFP-like Proteins. Journal of Biological Chemistry, 2003, 278, 46288-46292.	1.6	37
21	Structural Evidence for a Dehydrated Intermediate in Green Fluorescent Protein Chromophore Biosynthesis. Journal of Biological Chemistry, 2010, 285, 15978-15984.	1.6	31
22	Analysis of alternative splicing of cassette exons at single-cell level using two fluorescent proteins. Nucleic Acids Research, 2012, 40, e57-e57.	6.5	27
23	Identification and characterization of a new family of C-type lectin-like genes from planaria Girardia tigrina. Glycobiology, 2002, 12, 463-472.	1.3	25
24	New Class of Blue Animal Pigments Based on Frizzled and Kringle Protein Domains. Journal of Biological Chemistry, 2004, 279, 43367-43370.	1.6	17
25	Keratins as an Inflammation Trigger Point in Epidermolysis Bullosa Simplex. International Journal of Molecular Sciences, 2021, 22, 12446.	1.8	14
26	Spectral diversity among members of the green fluorescent protein family in hydroid jellyfish (Cnidaria, Hydrozoa). Russian Journal of Bioorganic Chemistry, 2005, 31, 43-47.	0.3	6
27	Analysis of Nonsense-Mediated mRNA Decay at the Single-Cell Level Using Two Fluorescent Proteins. Methods in Enzymology, 2016, 572, 291-314.	0.4	6
28	Genetically Encoded Fluorescent Sensor for Poly-ADP-Ribose. International Journal of Molecular Sciences, 2020, 21, 5004.	1.8	6
29	Signatures of Dermal Fibroblasts from RDEB Pediatric Patients. International Journal of Molecular Sciences, 2021, 22, 1792.	1.8	5
30	hTERT-Driven Immortalization of RDEB Fibroblast and Keratinocyte Cell Lines Followed by Cre-Mediated Transgene Elimination. International Journal of Molecular Sciences, 2021, 22, 3809.	1.8	5
31	Functioning of Fluorescent Proteins in Aggregates in Anthozoa Species and in Recombinant Artificial Models. International Journal of Molecular Sciences, 2017, 18, 1503.	1.8	3
32	Generation of Cell Lines Stably Expressing a Fluorescent Reporter of Nonsense-Mediated mRNA Decay Activity. Methods in Molecular Biology, 2018, 1720, 187-204.	0.4	2
33	A Natural Fluorescent Protein That Changes Its Fluorescence Color during Maturation. Russian Journal of Bioorganic Chemistry, 2003, 29, 325-329.	0.3	1
34	Fluorescent Protein-Based Quantification of Alternative Splicing of a Target Cassette Exon in Mammalian Cells. Methods in Enzymology, 2016, 572, 255-268.	0.4	1
35	Title is missing!. Russian Journal of Bioorganic Chemistry, 2002, 28, 274-277.	0.3	0