

George Krasnov

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

3,805
citations

136740

32
h-index

149479

56
g-index

121
all docs

121
docs citations

121
times ranked

5139
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly divergent isolates of chrysanthemum virus B and chrysanthemum virus R infecting chrysanthemum in Russia. PeerJ, 2022, 10, e12607.	0.9	7
2	Platinum-based chemotherapy for pancreatic cancer: impact of mutations in the homologous recombination repair and Fanconi anemia genes. Therapeutic Advances in Medical Oncology, 2022, 14, 175883592210830.	1.4	11
3	The Effect of Meclofenoxate on the Transcriptome of Aging Brain of Nothobranchius guentheri Annual Killifish. International Journal of Molecular Sciences, 2022, 23, 2491.	1.8	3
4	Taxonomic Diversity of Fungi and Bacteria in Azo-NP Vertical Flow Constructed Wetlands. Water (Switzerland), 2022, 14, 698.	1.2	5
5	Clarification of the Position of <i>Linum stelleroides</i> Planch. within the Phylogeny of the Genus <i>Linum</i> L.. Plants, 2022, 11, 652.	1.6	4
6	Mineral and Organic Fertilizers Distinctly Affect Fungal Communities in the Crop Rhizosphere. Journal of Fungi (Basel, Switzerland), 2022, 8, 251.	1.5	30
7	Effects of Three Pesticides on the Earthworm <i>Lumbricus terrestris</i> Gut Microbiota. Frontiers in Microbiology, 2022, 13, 853535.	1.5	11
8	Gut dysbiosis and small intestinal bacterial overgrowth as independent forms of gut microbiota disorders in cirrhosis. World Journal of Gastroenterology, 2022, 28, 1067-1077.	1.4	15
9	Somatic Mutation Profiling in Head and Neck Paragangliomas. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1833-1842.	1.8	6
10	Gut dysbiosis and body composition in cirrhosis. World Journal of Hepatology, 2022, 14, 1210-1225.	0.8	7
11	Efficacy and safety of a food supplement with standardized menthol, limonene, and gingerol content in patients with irritable bowel syndrome: A double-blind, randomized, placebo-controlled trial. PLoS ONE, 2022, 17, e0263880.	1.1	3
12	Molecular mechanisms of exceptional lifespan increase of <i>Drosophila melanogaster</i> with different genotypes after combinations of pro-longevity interventions. Communications Biology, 2022, 5, .	2.0	10
13	De Novo Transcriptome Profiling of Brain Tissue from the Annual Killifish <i>Nothobranchius guentheri</i> . Life, 2021, 11, 137.	1.1	5
14	Impact TMPRSS2-ERG Molecular Subtype on Prostate Cancer Recurrence. Life, 2021, 11, 588.	1.1	7
15	Human Chr18 transcriptome dataset combined from the Illumina HiSeq, ONT MinION, and qPCR data. Data in Brief, 2021, 36, 107130.	0.5	3
16	Genome and Transcriptome Sequencing of <i>Populus sibirica</i> Identified Sex-Associated Allele-Specific Expression of the CLC Gene. Frontiers in Genetics, 2021, 12, 676935.	1.1	2
17	Effects of Siberian fir terpenes extract Abisil on antioxidant activity, autophagy, transcriptome and proteome of human fibroblasts. Aging, 2021, 13, 20050-20080.	1.4	2
18	Genome Assembly and Sex-Determining Region of Male and Female <i>Populus sibirica</i> . Frontiers in Plant Science, 2021, 12, 625416.	1.7	9

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19	Does fresh farmyard manure introduce surviving microbes into soil or activate soil-borne microbiota?. <i>Journal of Environmental Management</i> , 2021, 294, 113018.	3.8	60
20	Multi-Omics Analysis of Glioblastoma Cells'™ Sensitivity to Oncolytic Viruses. <i>Cancers</i> , 2021, 13, 5268.	1.7	16
21	Genes Associated with the Flax Plant Type (Oil or Fiber) Identified Based on Genome and Transcriptome Sequencing Data. <i>Plants</i> , 2021, 10, 2616.	1.6	9
22	Case Report: Genetic Alterations Associated with the Progression of Carotid Paraganglioma. <i>Current Issues in Molecular Biology</i> , 2021, 43, 2266-2275.	1.0	2
23	Spatial Changes in Microbial Communities along Different Functional Zones of a Free-Water Surface Wetland. <i>Microorganisms</i> , 2020, 8, 1604.	1.6	7
24	Immunohistochemistry and Mutation Analysis of SDHx Genes in Carotid Paragangliomas. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6950.	1.8	13
25	LINC00973 Induces Proliferation Arrest of Drug-Treated Cancer Cells by Preventing p21 Degradation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8322.	1.8	5
26	The Use of Thermal Dissociation for Selection of DNA Aptamers. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 551-556.	0.3	5
27	Mutation profiling in eight cases of vagal paragangliomas. <i>BMC Medical Genomics</i> , 2020, 13, 115.	0.7	7
28	High-Quality Genome Assembly of <i>Fusarium oxysporum</i> f. sp. lini. <i>Frontiers in Genetics</i> , 2020, 11, 959.	1.1	22
29	Multiple paragangliomas: a case report. <i>BMC Medical Genomics</i> , 2020, 13, 125.	0.7	6
30	miRNAs expression signature potentially associated with lymphatic dissemination in locally advanced prostate cancer. <i>BMC Medical Genomics</i> , 2020, 13, 129.	0.7	18
31	Mutation Frequency in Main Susceptibility Genes Among Patients With Head and Neck Paragangliomas. <i>Frontiers in Genetics</i> , 2020, 11, 614908.	1.1	16
32	NETO2 Is Deregulated in Breast, Prostate, and Colorectal Cancer and Participates in Cellular Signaling. <i>Frontiers in Genetics</i> , 2020, 11, 594933.	1.1	8
33	Genetic diversity of SAD and FAD genes responsible for the fatty acid composition in flax cultivars and lines. <i>BMC Plant Biology</i> , 2020, 20, 301.	1.6	22
34	Long-term fertilization rather than plant species shapes rhizosphere and bulk soil prokaryotic communities in agroecosystems. <i>Applied Soil Ecology</i> , 2020, 154, 103641.	2.1	69
35	H2S counteracts proinflammatory effects of LPS through modulation of multiple pathways in human cells. <i>Inflammation Research</i> , 2020, 69, 481-495.	1.6	22
36	Gene Expression Changes and Associated Pathways Involved in the Progression of Prostate Cancer Advanced Stages. <i>Frontiers in Genetics</i> , 2020, 11, 613162.	1.1	14

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37	Genome Sequencing of Fiber Flax Cultivar Atlant Using Oxford Nanopore and Illumina Platforms. <i>Frontiers in Genetics</i> , 2020, 11, 590282.	1.1	28
38	Data on genetic polymorphism of flax (<i>Linum usitatissimum</i> L.) pathogenic fungi of <i>Fusarium</i> , <i>Colletotrichum</i> , <i>Aureobasidium</i> , <i>Septoria</i> , and <i>Melampsora</i> genera. <i>Data in Brief</i> , 2020, 31, 105710.	0.5	15
39	Protective effects of carotenoid fucoxanthin in fibroblasts cellular senescence. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111260.	2.2	25
40	Transcriptomes of Different Tissues of Flax (<i>Linum usitatissimum</i> L.) Cultivars With Diverse Characteristics. <i>Frontiers in Genetics</i> , 2020, 11, 565146.	1.1	8
41	Intestinal Microbiota in Patients with Chronic Heart Failure and Systolic Dysfunction. <i>Russian Journal of Gastroenterology Hepatology Coloproctology</i> , 2020, 30, 35-44.	0.2	4
42	Differentially methylated CpG sites associated with the high-risk group of prostate cancer. <i>Journal of Integrative Bioinformatics</i> , 2020, 17, .	1.0	4
43	Treatment of cancer cells with chemotherapeutic drugs results in profound changes in expression of genes encoding aldehyde-metabolizing enzymes. <i>Journal of Cancer</i> , 2019, 10, 4256-4263.	1.2	9
44	Transcriptome Analysis of Long-lived <i>Drosophila melanogaster</i> E(z) Mutants Sheds Light on the Molecular Mechanisms of Longevity. <i>Scientific Reports</i> , 2019, 9, 9151.	1.6	31
45	Differentially Expressed Genes Associated With Prognosis in Locally Advanced Lymph Node-Negative Prostate Cancer. <i>Frontiers in Genetics</i> , 2019, 10, 730.	1.1	21
46	ROS Generation and Antioxidant Defense Systems in Normal and Malignant Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-17.	1.9	496
47	The Effect of Human HSP70 Administration on a Mouse Model of Alzheimer's Disease Strongly Depends on Transgenic and Age. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 1391-1404.	1.2	16
48	Novel potential causative genes in carotid paragangliomas. <i>BMC Medical Genetics</i> , 2019, 20, 48.	2.1	4
49	The Neuronal Overexpression of <i>Gclc</i> in <i>Drosophila melanogaster</i> Induces Life Extension With Longevity-Associated Transcriptomic Changes in the Thorax. <i>Frontiers in Genetics</i> , 2019, 10, 149.	1.1	8
50	Aluminum Responsive Genes in Flax (<i>Linum usitatissimum</i> L.). <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	10
51	Pan-Cancer Analysis of TCGA Data Revealed Promising Reference Genes for qPCR Normalization. <i>Frontiers in Genetics</i> , 2019, 10, 97.	1.1	43
52	Characterization of repeated DNA sequences in genomes of blue-flowered flax. <i>BMC Evolutionary Biology</i> , 2019, 19, 49.	3.2	16
53	Flax (<i>Linum usitatissimum</i> L.) response to non-optimal soil acidity and zinc deficiency. <i>BMC Plant Biology</i> , 2019, 19, 54.	1.6	28
54	The CIMP-high phenotype is associated with energy metabolism alterations in colon adenocarcinoma. <i>BMC Medical Genetics</i> , 2019, 20, 52.	2.1	20

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55	Mutational load in carotid body tumor. BMC Medical Genomics, 2019, 12, 39.	0.7	12
56	Sex-specific polymorphism of MET1 and ARR17 genes in <i>Populus sibirica</i> . Biochimie, 2019, 162, 26-32.	1.3	16
57	Bioinformatic identification of differentially expressed genes associated with prognosis of locally advanced lymph node-positive prostate cancer. Journal of Bioinformatics and Computational Biology, 2019, 17, 1950003.	0.3	16
58	Tumor suppressor properties of the small C-terminal domain phosphatases in non-small cell lung cancer. Bioscience Reports, 2019, 39, .	1.1	12
59	The Indigenous endomycorrhizal fungi at salak (<i>Salacca zalacca</i>) plantations in Bali, Indonesia and their colonization of the roots. Biodiversitas, 2019, 20, .	0.2	2
60	MethyMer: Design of combinations of specific primers for bisulfite sequencing of complete CpG islands. Journal of Bioinformatics and Computational Biology, 2018, 16, 1840004.	0.3	3
61	HK3 overexpression associated with epithelial-mesenchymal transition in colorectal cancer. BMC Genomics, 2018, 19, 113.	1.2	45
62	Exome analysis of carotid body tumor. BMC Medical Genomics, 2018, 11, 17.	0.7	26
63	Activation of Polyamine Catabolism by N1,N11-Diethylnorspermine in Hepatic HepaRG Cells Induces Dedifferentiation and Mesenchymal-Like Phenotype. Cells, 2018, 7, 275.	1.8	13
64	Spontaneous gain of susceptibility suggests a novel mechanism of resistance to hybrid dysgenesis in <i>Drosophila virilis</i> . PLoS Genetics, 2018, 14, e1007400.	1.5	6
65	Deep Sequencing Revealed a CpG Methylation Pattern Associated With ALDH1L1 Suppression in Breast Cancer. Frontiers in Genetics, 2018, 9, 169.	1.1	11
66	Expression of long non-coding RNA LINC00973 is consistently increased upon treatment of colon cancer cells with different chemotherapeutic drugs. Biochimie, 2018, 151, 67-72.	1.3	38
67	Genetics polymorphism of poplars from Moscow region based on high-throughput sequencing of ITS. Vavilovskii Zhurnal Genetiki i Seleksii, 2018, 22, 531-535.	0.4	5
68	Interplay between recombinant Hsp70 and proteasomes: proteasome activity modulation and ubiquitin-independent cleavage of Hsp70. Cell Stress and Chaperones, 2017, 22, 687-697.	1.2	25
69	Molecular Mechanisms Underlying Neuroprotective Effect of Intranasal Administration of Human Hsp70 in Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2017, 59, 1415-1426.	1.2	38
70	miR319, miR390, and miR393 Are Involved in Aluminum Response in Flax (<i>Linum usitatissimum</i> L.). BioMed Research International, 2017, 2017, 1-6.	0.9	26
71	Evolution of blue-flowered species of genus <i>Linum</i> based on high-throughput sequencing of ribosomal RNA genes. BMC Evolutionary Biology, 2017, 17, 253.	3.2	25
72	Differential gene expression in response to <i>Fusarium oxysporum</i> infection in resistant and susceptible genotypes of flax (<i>Linum usitatissimum</i> L.). BMC Plant Biology, 2017, 17, 253.	1.6	61

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73	Molecular markers of paragangliomas/pheochromocytomas. <i>Oncotarget</i> , 2017, 8, 25756-25782.	0.8	36
74	Important molecular genetic markers of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 53959-53983.	0.8	91
75	The Dysregulation of Polyamine Metabolism in Colorectal Cancer Is Associated with Overexpression of c-Myc and C/EBP β rather than Enterotoxigenic <i>Bacteroides fragilis</i> Infection. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	63
76	Microbial Community Structure of Activated Sludge in Treatment Plants with Different Wastewater Compositions. <i>Frontiers in Microbiology</i> , 2016, 7, 90.	1.5	160
77	Identification, Expression Analysis, and Target Prediction of Flax Genotroph MicroRNAs Under Normal and Nutrient Stress Conditions. <i>Frontiers in Plant Science</i> , 2016, 7, 399.	1.7	43
78	Glutathione S-transferases and UDP-glycosyltransferases Are Involved in Response to Aluminum Stress in Flax. <i>Frontiers in Plant Science</i> , 2016, 7, 1920.	1.7	55
79	Mitochondrial dysfunction and oxidative stress in aging and cancer. <i>Oncotarget</i> , 2016, 7, 44879-44905.	0.8	381
80	Effect of lentivirus-mediated shRNA inactivation of HK1, HK2, and HK3 genes in colorectal cancer and melanoma cells. <i>BMC Genetics</i> , 2016, 17, 156.	2.7	33
81	Gene expression profiling of flax (<i>Linum usitatissimum</i> L.) under edaphic stress. <i>BMC Plant Biology</i> , 2016, 16, 237.	1.6	68
82	Differential expression of alternatively spliced transcripts related to energy metabolism in colorectal cancer. <i>BMC Genomics</i> , 2016, 17, 1011.	1.2	50
83	The influence of pro-longevity gene <i>Gclc</i> overexpression on the age-dependent changes in <i>Drosophila</i> transcriptome and biological functions. <i>BMC Genomics</i> , 2016, 17, 1046.	1.2	28
84	CrossHub: a tool for multi-way analysis of The Cancer Genome Atlas (TCGA) in the context of gene expression regulation mechanisms. <i>Nucleic Acids Research</i> , 2016, 44, e62-e62.	6.5	41
85	Effects of <i>Abies sibirica</i> terpenes on cancer- and aging-associated pathways in human cells. <i>Oncotarget</i> , 2016, 7, 83744-83754.	0.8	10
86	A comparison of the transcriptome of <i>Drosophila melanogaster</i> in response to entomopathogenic fungus, ionizing radiation, starvation and cold shock. <i>BMC Genomics</i> , 2015, 16, S8.	1.2	76
87	Effect of Low Doses (5-40 cGy) of Gamma-irradiation on Lifespan and Stress-related Genes Expression Profile in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2015, 10, e0133840.	1.1	45
88	Tumor Suppressor Function of the SEMA3B Gene in Human Lung and Renal Cancers. <i>PLoS ONE</i> , 2015, 10, e0123369.	1.1	44
89	Identification of Novel Epigenetic Markers of Prostate Cancer by NotI-Microarray Analysis. <i>Disease Markers</i> , 2015, 2015, 1-13.	0.6	41
90	PPLine: An Automated Pipeline for SNP, SAP, and Splice Variant Detection in the Context of Proteogenomics. <i>Journal of Proteome Research</i> , 2015, 14, 3729-3737.	1.8	64

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91	Excess fertilizer responsive miRNAs revealed in <i>Linum usitatissimum</i> L. <i>Biochimie</i> , 2015, 109, 36-41.	1.3	31
92	A new reliable reference gene UBA52 for quantitative real-time polymerase chain reaction studies in pyloric cecal tissues of the starfish <i>Asterias rubens</i> . <i>Genetics and Molecular Research</i> , 2014, 13, 3972-3980.	0.3	3
93	Epigenetic Alterations of Chromosome 3 Revealed by NotI-Microarrays in Clear Cell Renal Cell Carcinoma. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	53
94	Tissue-Specific Alternative Splicing Analysis Reveals the Diversity of Chromosome 18 Transcriptome. <i>Journal of Proteome Research</i> , 2014, 13, 173-182.	1.8	12
95	Methods of searching for markers for serological serum diagnosis of tumors. <i>Molecular Biology</i> , 2013, 47, 1-11.	0.4	3
96	Targeting VDAC-bound hexokinase II: a promising approach for concomitant anti-cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 1221-1233.	1.5	122
97	Immunosuppressive domains of retroviruses: Cell mechanisms of the effect on the human immune system. <i>Molecular Biology</i> , 2013, 47, 613-621.	0.4	5
98	A new reference gene, Ef1A, for quantitative real-time PCR assay of the starfish <i>Asterias rubens</i> pyloric caeca. <i>Doklady Biological Sciences</i> , 2013, 452, 310-312.	0.2	10
99	Deregulation of glycolysis in cancer: glyceraldehyde-3-phosphate dehydrogenase as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 681-693.	1.5	82
100	Novel tumor suppressor candidates on chromosome 3 revealed by NotI-microarrays in cervical cancer. <i>Epigenetics</i> , 2013, 8, 409-420.	1.3	61
101	NotI Microarrays: Novel Epigenetic Markers for Early Detection and Prognosis of High Grade Serous Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13352-13377.	1.8	30
102	Enteric alpha defensins in norm and pathology. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2012, 11, 1.	1.7	53
103	Genetic and epigenetic analysis of non-small cell lung cancer with NotI-microarrays. <i>Epigenetics</i> , 2012, 7, 502-513.	1.3	88
104	Structure and function of enteric α -defensins in norm and pathology. <i>Molecular Biology</i> , 2012, 46, 27-33.	0.4	10
105	Increase in NETO2 gene expression is a potential molecular genetic marker in renal and lung cancers. <i>Russian Journal of Genetics</i> , 2012, 48, 506-512.	0.2	22
106	Search for protein markers for serum diagnostics of tumors by analysis of microRNA expression profiles. <i>Molecular Biology</i> , 2011, 45, 337-342.	0.4	4
107	RPN1, a new reference gene for quantitative data normalization in lung and kidney cancer. <i>Molecular Biology</i> , 2011, 45, 211-220.	0.4	50
108	Identification of proteins overexpressed in malignant gastric tumors: Comparison of results obtained by 2DE and bioinformatic search. <i>Molecular Biology</i> , 2011, 45, 680-685.	0.4	0

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109	Differential Expression of CHL1 Gene during Development of Major Human Cancers. PLoS ONE, 2011, 6, e15612.	1.1	84
110	Simultaneous down-regulation of tumor suppressor genes RBSP3/CTDSPL, NPRL2/G21 and RASSF1A in primary non-small cell lung cancer. BMC Cancer, 2010, 10, 75.	1.1	51
111	Identification of proteins overexpressed in papillary thyroid tumors. Biochemistry (Moscow), 2010, 75, 1148-1152.	0.7	3
112	Estimation of the efficiency of 2D analysis and bioinformatics search in identification of protein markers for colon tumors. Molecular Biology, 2010, 44, 334-340.	0.4	4
113	Identification of proteins with altered expression in colorectal cancer by means of 2D-proteomics. Molecular Biology, 2009, 43, 321-328.	0.4	11
114	Proteomic expression analysis of human colorectal cancer: Identification of soluble overexpressed proteins. Molecular Biology, 2009, 43, 562-566.	0.4	4
115	Expression of FTL and FTH genes encoding ferritin subunits in lung and renal carcinomas. Molecular Biology, 2009, 43, 972-981.	0.4	18
116	Downregulation of RBSP3/CTDSPL, NPRL2/G21, RASSF1A, ITGA9, HYAL1, and HYAL2 in non-small cell lung cancer. Molecular Biology, 2008, 42, 859-869.	0.4	26
117	Activation of the hTERT expression in squamous cell cervical carcinoma is not associated with gene amplification. Oncology Reports, 2008, 20, 469-74.	1.2	4
118	Activation of the hTERT expression in squamous cell cervical carcinoma is not associated with gene amplification. Oncology Reports, 1994, 20, 469.	1.2	2