

Ronald K Gary

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,611
citations

516215

16
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic Analysis of T4 Polynucleotide Kinase via Isothermal Titration Calorimetry. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
2	Aqueous solubility of beryllium(II) at physiological pH: effects of buffer composition and counterions. <i>Preparative Biochemistry and Biotechnology</i> , 2020, 50, 585-591.	1.0	4
3	Preferential Interaction of Beryllium Ion with Carboxylate-Rich Peptides. <i>FASEB Journal</i> , 2018, 32, 652-38.	0.2	0
4	The GSK3 kinase inhibitor lithium produces unexpected hyperphosphorylation of β -catenin, a GSK3 substrate, in human glioblastoma cells. <i>Biology Open</i> , 2017, 7, .	0.6	17
5	Site-directed mutants of human RECQ1 reveal functional importance of the zinc binding domain. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 790, 8-18.	0.4	7
6	p53-dependent up-regulation of CDKN 1A and down-regulation of CCNE 2 in response to beryllium. <i>Cell Proliferation</i> , 2016, 49, 698-709.	2.4	14
7	RECQ1 interacts with FEN-1 and promotes binding of FEN-1 to telomeric chromatin. <i>Biochemical Journal</i> , 2015, 468, 227-244.	1.7	18
8	Estimation of alkane-water logP for neutral, acidic, and basic compounds using an alkylated polystyrene-divinylbenzene high-performance liquid chromatography column. <i>Journal of Chromatography A</i> , 2015, 1417, 21-29.	1.8	6
9	Beryllium is an inhibitor of cellular GSK-3 β that is 1,000-fold more potent than lithium. <i>BioMetals</i> , 2014, 27, 1203-1216.	1.8	10
10	Alzheimer's disease drug development: translational neuroscience strategies. <i>CNS Spectrums</i> , 2013, 18, 128-138.	0.7	23
11	Beryllium sulfate induces p21 CDKN1A expression and a senescence-like cell cycle arrest in susceptible cancer cell types. <i>BioMetals</i> , 2010, 23, 1061-1073.	1.8	6
12	Physical and Functional Interaction between Human Oxidized Base-specific DNA Glycosylase NEIL1 and Flap Endonuclease 1. <i>Journal of Biological Chemistry</i> , 2008, 283, 27028-27037.	1.6	89
13	Beryllium Induces Premature Senescence in Human Fibroblasts. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 70-79.	1.3	25
14	Quantitative assay of senescence-associated β -galactosidase activity in mammalian cell extracts. <i>Analytical Biochemistry</i> , 2005, 343, 329-334.	1.1	163
15	The interaction site of Flap Endonuclease-1 with WRN helicase suggests a coordination of WRN and PCNA. <i>Nucleic Acids Research</i> , 2005, 33, 6769-6781.	6.5	59
16	The p53 Inhibitor Pifithrin- α Forms a Sparingly Soluble Derivative via Intramolecular Cyclization under Physiological Conditions. <i>Molecular Pharmaceutics</i> , 2005, 2, 462-474.	2.3	18
17	The Concentration Dependence of the Δ S Term in the Gibbs Free Energy Function: Application to Reversible Reactions in Biochemistry. <i>Journal of Chemical Education</i> , 2004, 81, 1599.	1.1	6
18	A fluorescence based assay for DNA damage induced by radiation, chemical mutagens and enzymes. <i>Current Applied Physics</i> , 2003, 3, 99-106.	1.1	10

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19	Inhibition of normal human lung fibroblast growth by beryllium. <i>Toxicology</i> , 2001, 160, 119-127.	2.0	21
20	Functional Interaction of Proliferating Cell Nuclear Antigen with MSH2-MSH6 and MSH2-MSH3 Complexes. <i>Journal of Biological Chemistry</i> , 2000, 275, 36498-36501.	1.6	185
21	Proliferating Cell Nuclear Antigen Facilitates Excision in Long-patch Base Excision Repair. <i>Journal of Biological Chemistry</i> , 1999, 274, 4354-4363.	1.6	158
22	Reconstitution of Proliferating Cell Nuclear Antigen-dependent Repair of Apurinic/Apyrimidinic Sites with Purified Human Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 33703-33708.	1.6	158
23	DNA ligase I is recruited to sites of DNA replication by an interaction with proliferating cell nuclear antigen: identification of a common targeting mechanism for the assembly of replication factories. <i>EMBO Journal</i> , 1998, 17, 3786-3795.	3.5	179
24	The DNA Repair Endonuclease XPG Binds to Proliferating Cell Nuclear Antigen (PCNA) and Shares Sequence Elements with the PCNA-binding Regions of FEN-1 and Cyclin-dependent Kinase Inhibitor p21. <i>Journal of Biological Chemistry</i> , 1997, 272, 24522-24529.	1.6	218
25	Ezrin oligomers are major cytoskeletal components of placental microvilli: a proposal for their involvement in cortical morphogenesis. <i>Journal of Cell Biology</i> , 1995, 131, 1231-1242.	2.3	197
26	Interactive effects of peptidoleukotrienes and histamine on microvascular permeability and their involvement in experimental cutaneous and conjunctival immediate hypersensitivity. <i>European Journal of Pharmacology</i> , 1989, 164, 323-333.	1.7	20