

Sarah C Shuck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/617872/publications.pdf>

Version: 2024-02-01

19
papers

546
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Eukaryotic nucleotide excision repair: from understanding mechanisms to influencing biology. <i>Cell Research</i> , 2008, 18, 64-72.	12.0	242
2	Targeted Inhibition of Replication Protein A Reveals Cytotoxic Activity, Synergy with Chemotherapeutic DNA-Damaging Agents, and Insight into Cellular Function. <i>Cancer Research</i> , 2010, 70, 3189-3198.	0.9	73
3	Identification of Novel Small Molecule Inhibitors of the XPA Protein Using in Silico Based Screening. <i>ACS Chemical Biology</i> , 2010, 5, 953-965.	3.4	34
4	DNA Advanced Glycation End Products (DNA-AGEs) Are Elevated in Urine and Tissue in an Animal Model of Type 2 Diabetes. <i>Chemical Research in Toxicology</i> , 2017, 30, 689-698.	3.3	30
5	Intestinal AMPK modulation of microbiota mediates crosstalk with brown fat to control thermogenesis. <i>Nature Communications</i> , 2022, 13, 1135.	12.8	28
6	Inhibition of GLO1 in Glioblastoma Multiforme Increases DNA-AGEs, Stimulates RAGE Expression, and Inhibits Brain Tumor Growth in Orthotopic Mouse Models. <i>International Journal of Molecular Sciences</i> , 2018, 19, 406.	4.1	25
7	Targeting the OB-Folds of Replication Protein A with Small Molecules. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-11.	1.2	22
8	Product Studies and Mechanistic Analysis of the Reaction of Methylglyoxal with Deoxyguanosine. <i>Chemical Research in Toxicology</i> , 2018, 31, 105-115.	3.3	22
9	Elevated glucose increases genomic instability by inhibiting nucleotide excision repair. <i>Life Science Alliance</i> , 2021, 4, e202101159.	2.8	13
10	Diet and Obesity-Induced Methylglyoxal Production and Links to Metabolic Disease. <i>Chemical Research in Toxicology</i> , 2021, 34, 2424-2440.	3.3	11
11	Selection of Monoclonal Antibodies Against 6-oxo-M ₁ dG and Their Use in an LC-MS/MS Assay for the Presence of 6-oxo-M ₁ dG in Vivo. <i>Chemical Research in Toxicology</i> , 2012, 25, 454-461.	3.3	9
12	Protein Modification by Adenine Propenal. <i>Chemical Research in Toxicology</i> , 2014, 27, 1732-1742.	3.3	8
13	DNA Adducts as Biomarkers To Predict, Prevent, and Diagnose Disease—Application of Analytical Chemistry to Clinical Investigations. <i>Chemical Research in Toxicology</i> , 2020, 33, 286-307.	3.3	8
14	Replication, Repair, and Translesion Polymerase Bypass of N6-Oxopropenyl-2'-deoxyadenosine. <i>Biochemistry</i> , 2013, 52, 8766-8776.	2.5	7
15	Mass Spectrometric Methods for the Analysis of Nucleoside—Protein Cross-Links: Application to Oxopropenyl-deoxyadenosine. <i>Chemical Research in Toxicology</i> , 2014, 27, 136-146.	3.3	5
16	Metal-Assisted Protein Quantitation (MAPq): Multiplex Analysis of Protein Expression Using Lanthanide-Modified Antibodies with Detection by Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 7556-7564.	6.5	5
17	Targeting Nucleotide Excision Repair as a Mechanism to Increase Cisplatin Efficacy. , 2009, , 177-187.		3
18	MLS128 antibody-induced suppression of colon cancer cell growth is mediated by a desmocollin and a 110 kDa glycoprotein. <i>BioScience Trends</i> , 2019, 13, 216-224.	3.4	0

#	ARTICLE	IF	CITATIONS
19	Chemical Research in Toxicology at 35: Recognizing the Impact of Professor Larry Marnett. Chemical Research in Toxicology, 2022, , .	3.3	0