Sarah C Shuck

List of Publications by Year
in descending order

19	546	933447 10	940533 16
papers	citations	h-index	g-index

21	21	21	784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Research in Toxicology at 35: Recognizing the Impact of Professor Larry Marnett. Chemical Research in Toxicology, 2022, , .	3.3	0
2	Intestinal AMPK modulation of microbiota mediates crosstalk with brown fat to control thermogenesis. Nature Communications, 2022, 13, 1135.	12.8	28
3	Elevated glucose increases genomic instability by inhibiting nucleotide excision repair. Life Science Alliance, 2021, 4, e202101159.	2.8	13
4	Diet and Obesity-Induced Methylglyoxal Production and Links to Metabolic Disease. Chemical Research in Toxicology, 2021, 34, 2424-2440.	3.3	11
5	DNA Adducts as Biomarkers To Predict, Prevent, and Diagnose Diseaseâ€"Application of Analytical Chemistry to Clinical Investigations. Chemical Research in Toxicology, 2020, 33, 286-307.	3.3	8
6	Metal-Assisted Protein Quantitation (MAPq): Multiplex Analysis of Protein Expression Using Lanthanide-Modified Antibodies with Detection by Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2020, 92, 7556-7564.	6.5	5
7	MLS128 antibody-induced suppression of colon cancer cell growth is mediated by a desmocollin and a 110 kDa glycoprotein. BioScience Trends, 2019, 13, 216-224.	3.4	0
8	Product Studies and Mechanistic Analysis of the Reaction of Methylglyoxal with Deoxyguanosine. Chemical Research in Toxicology, 2018, 31, 105-115.	3.3	22
9	Inhibition of GLO1 in Glioblastoma Multiforme Increases DNA-AGEs, Stimulates RAGE Expression, and Inhibits Brain Tumor Growth in Orthotopic Mouse Models. International Journal of Molecular Sciences, 2018, 19, 406.	4.1	25
10	DNA Advanced Glycation End Products (DNA-AGEs) Are Elevated in Urine and Tissue in an Animal Model of Type 2 Diabetes. Chemical Research in Toxicology, 2017, 30, 689-698.	3.3	30
11	Mass Spectrometric Methods for the Analysis of Nucleosideâ€"Protein Cross-Links: Application to Oxopropenyl-deoxyadenosine. Chemical Research in Toxicology, 2014, 27, 136-146.	3.3	5
12	Protein Modification by Adenine Propenal. Chemical Research in Toxicology, 2014, 27, 1732-1742.	3.3	8
13	Replication, Repair, and Translesion Polymerase Bypass of N6-Oxopropenyl-2â€²-deoxyadenosine. Biochemistry, 2013, 52, 8766-8776.	2.5	7
14	Selection of Monoclonal Antibodies Against 6-oxo-M₁dG and Their Use in an LC-MS/MS Assay for the Presence of 6-oxo-M₁dG in Vivo. Chemical Research in Toxicology, 2012, 25, 454-461.	3.3	9
15	Targeting the OB-Folds of Replication Protein A with Small Molecules. Journal of Nucleic Acids, 2010, 2010, 1-11.	1.2	22
16	Targeted Inhibition of Replication Protein A Reveals Cytotoxic Activity, Synergy with Chemotherapeutic DNA-Damaging Agents, and Insight into Cellular Function. Cancer Research, 2010, 70, 3189-3198.	0.9	73
17	Identification of Novel Small Molecule Inhibitors of the XPA Protein Using in Silico Based Screening. ACS Chemical Biology, 2010, 5, 953-965.	3.4	34
18	Targeting Nucleotide Excision Repair as a Mechanism to Increase Cisplatin Efficacy. , 2009, , 177-187.		3

#	Article	IF	Citations
19	Eukaryotic nucleotide excision repair: from understanding mechanisms to influencing biology. Cell Research, 2008, 18, 64-72.	12.0	242