

Craig A Mcelroy

List of Publications by Year in descending order

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33
papers

983
citations

516710

16
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling neurodegenerative diseases with cerebral organoids and other three-dimensional culture systems: focus on Alzheimer's disease. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 696-717.	3.8	28
2	Synthesis and Antileishmanial Evaluation of Arylimidamide-Azole Hybrids Containing a Phenoxyalkyl Linker. <i>ACS Infectious Diseases</i> , 2021, 7, 1901-1922.	3.8	3
3	Facilitative lysosomal transport of bile acids alleviates ER stress in mouse hematopoietic precursors. <i>Nature Communications</i> , 2021, 12, 1248.	12.8	11
4	Optimization of TopoIV Potency, ADMET Properties, and hERG Inhibition of 5-Amino-1,3-dioxane-Linked Novel Bacterial Topoisomerase Inhibitors: Identification of a Lead with <i>In Vivo</i> Efficacy against MRSA. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15214-15249.	6.4	16
5	Synthesis and antileishmanial evaluation of thiazole orange analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126725.	2.2	14
6	A Novel, Modified Human Butyrylcholinesterase Catalytically Degrades the Chemical Warfare Nerve Agent, Sarin. <i>Toxicological Sciences</i> , 2020, 174, 133-146.	3.1	5
7	Topical treatment of cutaneous leishmaniasis with novel amphotericin B-miltefosine co-incorporated second generation ultra-deformable liposomes. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118900.	5.2	25
8	Development and evaluation of novel miltefosine-polyphenol co-loaded second generation nano-transfersomes for the topical treatment of cutaneous leishmaniasis. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 97-110.	5.0	34
9	Corrigendum to: "A Novel, Modified Human Butyrylcholinesterase Catalytically Degrades the Chemical Warfare Nerve Agent, Sarin". <i>Toxicological Sciences</i> , 2020, 177, 300-300.	3.1	0
10	Electrophysiological Maturation of Cerebral Organoids Correlates with Dynamic Morphological and Cellular Development. <i>Stem Cell Reports</i> , 2020, 15, 855-868.	4.8	94
11	Design, synthesis, and <i>in vitro</i> evaluation of aza-peptide aldehydes and ketones as novel and selective protease inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1387-1402.	5.2	6
12	A Pre-Workout Supplement of Ketone Salts, Caffeine, and Amino Acids Improves High-Intensity Exercise Performance in Keto-Naïve and Keto-Adapted Individuals. <i>Journal of the American College of Nutrition</i> , 2020, 39, 290-300.	1.8	16
13	Physical characterization of electrospun polycaprolactone via laser micrometry: Porosity and condition-dependent jet instabilities. <i>Polymer</i> , 2020, 211, 123044.	3.8	4
14	Adult stem cell deficits drive Slc29a3 disorders in mice. <i>Nature Communications</i> , 2019, 10, 2943.	12.8	32
15	Modeling Human Brain Circuitry Using Pluripotent Stem Cell Platforms. <i>Frontiers in Pediatrics</i> , 2019, 7, 57.	1.9	20
16	Development and validation of an analytical method for regorafenib and its metabolites in mouse plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1090, 43-51.	2.3	16
17	Demonstration of <i>In Vitro</i> Resurrection of Aged Acetylcholinesterase after Exposure to Organophosphorus Chemical Nerve Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7034-7042.	6.4	23
18	Study of <i>para</i> -Quinone Methide Precursors toward the Realkylation of Aged Acetylcholinesterase. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 622-627.	2.8	8

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19	Efforts toward treatments against aging of organophosphorusâ€inhibited acetylcholinesterase. <i>Annals of the New York Academy of Sciences</i> , 2016, 1374, 94-104.	3.8	28
20	Two-Photon Near Infrared Fluorescent Turn-On Probe Toward Cysteine and Its Imaging Applications. <i>ACS Sensors</i> , 2016, 1, 882-887.	7.8	104
21	High-Throughput Screening for Positive Allosteric Modulators Identified Potential Therapeutics against Acetylcholinesterase Inhibition. <i>Journal of Biomolecular Screening</i> , 2015, 20, 1142-1149.	2.6	6
22	Gene regulation by substoichiometric heterocomplex formation of undecameric TRAP and trimeric anti-TRAP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3442-3447.	7.1	13
23	Synthesis of N3-substituted carboranyl thymidine bioconjugates and their evaluation as substrates of recombinant human thymidine kinase 1. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 456-468.	5.5	20
24	Homotropic Cooperativity from the Activation Pathway of the Allosteric Ligand-Responsive Regulatory <i>trp</i> RNA-Binding Attenuation Protein. <i>Biochemistry</i> , 2013, 52, 8855-8865.	2.5	4
25	Structural reorganization of the interleukin-7 signaling complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2503-2508.	7.1	54
26	Mechanism for pH-dependent gene regulation by amino-terminus-mediated homooligomerization of <i>Bacillus subtilis</i> anti- <i>trp</i> RNA-binding attenuation protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15385-15390.	7.1	5
27	Structural and Biophysical Studies of the Human IL-7/IL-7R β Complex. <i>Structure</i> , 2009, 17, 54-65.	3.3	77
28	Mapping the surface of <i>Escherichia coli</i> peptide deformylase by NMR with organic solvents. <i>Protein Science</i> , 2009, 11, 1850-1853.	7.6	18
29	Ligand-Induced Changes in the Structure and Dynamics of <i>Escherichia coli</i> Peptide Deformylase. <i>Biochemistry</i> , 2009, 48, 7595-7607.	2.5	10
30	Solution NMR of Large Molecules and Assembliesâ€€. <i>Biochemistry</i> , 2007, 46, 331-340.	2.5	141
31	Thermodynamics of Tryptophan-Mediated Activation of the <i>trp</i> RNA-Binding Attenuation Proteinâ€€. <i>Biochemistry</i> , 2006, 45, 7844-7853.	2.5	23
32	Structure of Mth11/Mth Rpp29, an essential protein subunit of archaeal and eukaryotic RNase P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15398-15403.	7.1	47
33	TROSY-NMR Studies of the 91kDa TRAP Protein Reveal Allosteric Control of a Gene Regulatory Protein by Ligand-altered Flexibility. <i>Journal of Molecular Biology</i> , 2002, 323, 463-473.	4.2	78