

Charles A Easley

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,461
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Metabolism in Human Pluripotent Stem Cells and Their Differentiated Counterparts. PLoS ONE, 2011, 6, e20914.	2.5	574
2	Direct Differentiation of Human Pluripotent Stem Cells into Haploid Spermatogenic Cells. Cell Reports, 2012, 2, 440-446.	6.4	217
3	DNA Damage Responses in Human Induced Pluripotent Stem Cells and Embryonic Stem Cells. PLoS ONE, 2010, 5, e13410.	2.5	149
4	Microscale Generation of Cardiospheres Promotes Robust Enrichment of Cardiomyocytes Derived from Human Pluripotent Stem Cells. Stem Cell Reports, 2014, 3, 260-268.	4.8	73
5	Stem cell therapeutic possibilities: future therapeutic options for male-factor and female-factor infertility?. Reproductive BioMedicine Online, 2013, 27, 75-80.	2.4	36
6	Tbx5-mediated expression of Ca ²⁺ /calmodulin-dependent protein kinase II is necessary for zebrafish cardiac and pectoral fin morphogenesis. Developmental Biology, 2009, 330, 175-184.	2.0	35
7	Per- and polyfluoroalkyl substances impact human spermatogenesis in a stem-cell-derived model. Systems Biology in Reproductive Medicine, 2018, 64, 225-239.	2.1	35
8	Laminin activates CaMK-II to stabilize nascent embryonic axons. Brain Research, 2006, 1092, 59-68.	2.2	34
9	Human Amniotic Epithelial Cells are Reprogrammed More Efficiently by Induced Pluripotency than Adult Fibroblasts. Cellular Reprogramming, 2012, 14, 193-203.	0.9	34
10	COVID-19 and human reproduction: A pandemic that packs a serious punch. Systems Biology in Reproductive Medicine, 2021, 67, 3-23.	2.1	32
11	Detrimental effects of flame retardant, PBB153, exposure on sperm and future generations. Scientific Reports, 2020, 10, 8567.	3.3	32
12	Flightless ¹ , a gelsolin family member and transcriptional regulator, preferentially binds directly to activated cytosolic CaMK ^{II} . FEBS Letters, 2008, 582, 2489-2495.	2.8	31
13	Implications of testicular ACE2 and the renin-angiotensin system for SARS-CoV-2 on testis function. Nature Reviews Urology, 2022, 19, 116-127.	3.8	29
14	The <i>N</i> -Ethylmaleimide-Sensitive Factor and Dysbindin Interact To Modulate Synaptic Plasticity. Journal of Neuroscience, 2015, 35, 7643-7653.	3.6	26
15	Assessing reproductive toxicity of two environmental toxicants with a novel in vitro human spermatogenic model. Stem Cell Research, 2015, 14, 347-355.	0.7	26
16	Ubiquitous Flame-Retardant Toxicants Impair Spermatogenesis in a Human Stem Cell Model. IScience, 2018, 3, 161-176.	4.1	24
17	Differential response of human lung epithelial cells to particulate matter in fresh and photochemically aged biomass-burning smoke. Atmospheric Environment, 2022, 271, 118929.	4.1	14
18	Gamete derivation from embryonic stem cells, induced pluripotent stem cells or somatic cell nuclear transfer-derived embryonic stem cells: state of the art. Reproduction, Fertility and Development, 2015, 27, 89.	0.4	13

#	ARTICLE	IF	CITATIONS
19	Cannabis alters DNA methylation at maternally imprinted and autism candidate genes in spermatogenic cells. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 357-369.	2.1	11
20	Chronic exposure to delta-9-tetrahydrocannabinol impacts testicular volume and male reproductive health in rhesus macaques. <i>Fertility and Sterility</i> , 2022, 117, 698-707.	1.0	10
21	Adult somatic cells to the rescue: nuclear reprogramming and the dispensability of gonadal germ cells. <i>Fertility and Sterility</i> , 2014, 101, 14-19.	1.0	7
22	Induced Pluripotent Stem Cells (iPSCs) in Developmental Toxicology. <i>Methods in Molecular Biology</i> , 2019, 1965, 19-34.	0.9	6
23	CAG repeat instability in embryonic stem cells and derivative spermatogenic cells of transgenic Huntington's disease monkey. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1215-1229.	2.5	6
24	Blastocyst development after fertilization with in vitro spermatids derived from nonhuman primate embryonic stem cells. <i>F&S Science</i> , 2021, 2, 365-375.	0.9	6
25	An in vitro approach to determine the human relevance of anti-spermatogenic effects of 4-methylmorpholine 4-oxide, monohydrate (NMMO) in rat reproductive toxicity studies. <i>Toxicology in Vitro</i> , 2022, 82, 105365.	2.4	1