

David R Hinton

List of Publications by Year in descending order

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67
papers

3,469
citations

186265

28
h-index

161849

54
g-index

69
all docs

69
docs citations

69
times ranked

3965
citing authors

#	ARTICLE	IF	CITATIONS
1	MDR1 Gene Expression in Brain of Patients with Medically Intractable Epilepsy. <i>Epilepsia</i> , 1995, 36, 1-6.	5.1	537
2	Retinal amyloid pathology and proof-of-concept imaging trial in Alzheimer's disease. <i>JCI Insight</i> , 2017, 2, .	5.0	357
3	A bioengineered retinal pigment epithelial monolayer for advanced, dry age-related macular degeneration. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	261
4	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction. , 2016, 57, 1238.		142
5	Viral Induced Demyelination. <i>Brain Pathology</i> , 2001, 11, 92-106.	4.1	139
6	Identification of early pericyte loss and vascular amyloidosis in Alzheimer's disease retina. <i>Acta Neuropathologica</i> , 2020, 139, 813-836.	7.7	113
7	Polarized Secretion of PEDF from Human Embryonic Stem Cell-Derived RPE Promotes Retinal Progenitor Cell Survival. , 2011, 52, 1573.		108
8	Subretinal implantation of a monolayer of human embryonic stem cell-derived retinal pigment epithelium: a feasibility and safety study in Yucatán minipigs. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1553-1565.	1.9	75
9	Contributions of Fas-Fas Ligand Interactions to the Pathogenesis of Mouse Hepatitis Virus in the Central Nervous System. <i>Journal of Virology</i> , 2000, 74, 2447-2450.	3.4	71
10	Deficiency of β crystallin augments ER stress-induced apoptosis by enhancing mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1111-1122.	2.9	67
11	Astrocyte response to IFN- β limits IL-6-mediated microglia activation and progressive autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2015, 12, 79.	7.2	66
12	Intracerebral Whipple's Disease Diagnosed by Stereotactic Biopsy: A Case Report and Review of the Literature. <i>Neurosurgery</i> , 1999, 44, 203-209.	1.1	65
13	Survival and Functionality of hESC-Derived Retinal Pigment Epithelium Cells Cultured as a Monolayer on Polymer Substrates Transplanted in RCS Rats. , 2016, 57, 2877.		60
14	Macrophages regulate induction of delayed-type hypersensitivity and experimental allergic encephalomyelitis in SJL mice. <i>European Journal of Immunology</i> , 1995, 25, 2318-2324.	2.9	59
15	Aqueous Angiography-Mediated Guidance of Trabecular Bypass Improves Angiographic Outflow in Human Enucleated Eyes. , 2016, 57, 4558.		59
16	Aqueous Angiography: Real-Time and Physiologic Aqueous Humor Outflow Imaging. <i>PLoS ONE</i> , 2016, 11, e0147176.	2.5	58
17	Hypericin inhibits cell growth and induces apoptosis in retinal pigment epithelial cells: possible involvement of protein kinase C. <i>Current Eye Research</i> , 1996, 15, 255-262.	1.5	57
18	Polarized Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cell Monolayers Have Higher Resistance to Oxidative Stress-Induced Cell Death Than Nonpolarized Cultures. <i>Stem Cells Translational Medicine</i> , 2015, 4, 10-20.	3.3	54

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19	Protective Mechanisms of the Mitochondrial-Derived Peptide Humanin in Oxidative and Endoplasmic Reticulum Stress in RPE Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	54
20	Invasive pituitary adenomas: significance of proliferation parameters. <i>Pituitary</i> , 1999, 2, 117-122.	2.9	49
21	Surgical Method for Implantation of a Biosynthetic Retinal Pigment Epithelium Monolayer for Geographic Atrophy: Experience from a Phase 1/2a Study. <i>Ophthalmology Retina</i> , 2020, 4, 264-273.	2.4	48
22	Collagen gel contraction induced by retinal pigment epithelial cells and choroidal fibroblasts involves the protein kinase C pathway. <i>Current Eye Research</i> , 1994, 13, 451-459.	1.5	46
23	Protein polymer nanoparticles engineered as chaperones protect against apoptosis in human retinal pigment epithelial cells. <i>Journal of Controlled Release</i> , 2014, 191, 4-14.	9.9	46
24	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia. , 1996, 78, 1899-1905.		44
25	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. <i>PLoS ONE</i> , 2016, 11, e0165150.	2.5	43
26	Sustained TNF production by central nervous system infiltrating macrophages promotes progressive autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2016, 13, 46.	7.2	41
27	Cerebral Neurocytoma: An Unusual Cause of Refractory Epilepsy. Case Report and Review of the Literature. <i>Epilepsia</i> , 1995, 36, 1237-1240.	5.1	38
28	Aqueous Angiography with Fluorescein and Indocyanine Green in Bovine Eyes. <i>Translational Vision Science and Technology</i> , 2016, 5, 5.	2.2	37
29	One-Year Follow-Up in a Phase 1/2a Clinical Trial of an Allogeneic RPE Cell Bioengineered Implant for Advanced Dry Age-Related Macular Degeneration. <i>Translational Vision Science and Technology</i> , 2021, 10, 13.	2.2	37
30	Cytoplasmic synthesis of endogenous <i>Alu</i> complementary DNA via reverse transcription and implications in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
31	High-Dose Tamoxifen in Treatment of Brain Tumors: Interaction with Antiepileptic Drugs. <i>Epilepsia</i> , 1995, 36, 513-515.	5.1	35
32	Dexamethasone induced proliferation of cultured retinal pigment epithelial cells. <i>Current Eye Research</i> , 1994, 13, 257-261.	1.5	33
33	Development of a new tissue injector for subretinal transplantation of human embryonic stem cell derived retinal pigmented epithelium. <i>International Journal of Retina and Vitreous</i> , 2017, 3, 41.	1.9	30
34	Monoclonal antibodies react with neuronal subpopulations in the human nervous system. <i>Journal of Comparative Neurology</i> , 1988, 267, 398-408.	1.6	29
35	Multiparameter Flow Cytometric Analysis of Neoplasms of the Central Nervous System: Correlation of Nuclear Antigen p105 and DNA Content with Clinical Behavior. <i>Neurosurgery</i> , 1990, 27, 83-96.	1.1	26
36	Vitamin E succinate inhibits proliferation and migration of retinal pigment epithelial cells in vitro: therapeutic implication for proliferative vitreoretinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1996, 234, 186-192.	1.9	26

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37	SV40-immortalized and primary cultured human retinal pigment epithelial cells share similar patterns of cytokine-receptor expression and cytokine responsiveness. <i>Current Eye Research</i> , 1995, 14, 495-503.	1.5	25
38	The antidepressant hypericin inhibits progression of experimental proliferative vitreoretinopathy. <i>Current Eye Research</i> , 1999, 19, 323-329.	1.5	25
39	An Innovative Surgical Technique for Subretinal Transplantation of Human Embryonic Stem Cell-Derived Retinal Pigmented Epithelium in Yucatan Mini Pigs: Preliminary Results. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2016, 47, 342-351.	0.7	25
40	Pharmacological protection of retinal pigmented epithelial cells by sulindac involves PPAR- α . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16754-16759.	7.1	24
41	Endoplasmic reticulum-mitochondrial crosstalk: a novel role for the mitochondrial peptide humanin. <i>Neural Regeneration Research</i> , 2017, 12, 35.	3.0	24
42	Soluble TNF- α Receptors Are Constitutively Shed and Downregulate Adhesion Molecule Expression in Malignant Gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997, 56, 541-550.	1.7	23
43	Hypericin inhibits choroidal endothelial cell proliferation and cord formation in vitro. <i>Current Eye Research</i> , 1997, 16, 967-972.	1.5	20
44	Survival of an HLA-mismatched, bioengineered RPE implant in dry age-related macular degeneration. <i>Stem Cell Reports</i> , 2022, 17, 448-458.	4.8	20
45	Differential Regulation of Self-reactive CD4+ T Cells in Cervical Lymph Nodes and Central Nervous System during Viral Encephalomyelitis. <i>Frontiers in Immunology</i> , 2016, 7, 370.	4.8	19
46	In vitro studies of human choroidal endothelial cells. <i>Current Eye Research</i> , 1995, 14, 621-627.	1.5	18
47	APOPTOSIS AND ANGIOFIBROSIS IN DIABETIC TRACTIONAL MEMBRANES AFTER VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITION. <i>Retina</i> , 2019, 39, 265-273.	1.7	18
48	Malignant Glioma Sensitivity to Radiotherapy, High-dose Tamoxifen, and Hypericin: Corroborating Clinical Response in Vitro: Case Report. <i>Neurosurgery</i> , 1996, 38, 587-591.	1.1	17
49	MMP-Independent Role of TIMP-1 at the Blood Brain Barrier during Viral Encephalomyelitis. <i>ASN Neuro</i> , 2013, 5, AN20130033.	2.7	15
50	Myd88 Initiates Early Innate Immune Responses and Promotes CD4 T Cells during Coronavirus Encephalomyelitis. <i>Journal of Virology</i> , 2015, 89, 9299-9312.	3.4	15
51	A new immunodeficient retinal dystrophic rat model for transplantation studies using human-derived cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 2113-2125.	1.9	15
52	PKR mediated regulation of inflammation and IL-10 during viral encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2014, 270, 1-12.	2.3	14
53	Assessment of Safety and Functional Efficacy of Stem Cell-Based Therapeutic Approaches Using Retinal Degenerative Animal Models. <i>Stem Cells International</i> , 2017, 2017, 1-19.	2.5	13
54	Thrombin induced cytoskeletal change in cultured bovine corneal endothelial cells mediated via protein kinase C pathway. <i>Current Eye Research</i> , 1995, 14, 35-45.	1.5	12

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55	Somataglycanâ€š: A Neuronal Surface Proteoglycan Defines the Spinocerebellar System. Journal of Neurochemistry, 1994, 62, 1615-1630.	3.9	12
56	Retrovirus-mediated transfer of the suicide gene into retinal pigment epithelial cells in vitro. Current Eye Research, 1997, 16, 656-662.	1.5	11
57	Subretinal Implantation of a Human Embryonic Stem Cell-Derived Retinal Pigment Epithelium Monolayer in a Porcine Model. Advances in Experimental Medicine and Biology, 2019, 1185, 569-574.	1.6	10
58	Histopathologic Assessment of Optic Nerves and Retina From a Patient With Chronically Implanted Argus II Retinal Prosthesis System. Translational Vision Science and Technology, 2019, 8, 31.	2.2	9
59	A Novel HDL-Mimetic Peptide HM-10/10 Protects RPE and Photoreceptors in Murine Models of Retinal Degeneration. International Journal of Molecular Sciences, 2019, 20, 4807.	4.1	9
60	Long-Term Transplant Effects of iPSC-RPE Monolayer in Immunodeficient RCS Rats. Cells, 2021, 10, 2951.	4.1	9
61	Distinct <scp>CD</scp>4 Tâ€cell effects on primary versus recall <scp>CD</scp>8 Tâ€cell responses during viral encephalomyelitis. Immunology, 2015, 144, 374-386.	4.4	7
62	Mechanism of cytokinesis failure in ovarian cystadenomas with defective BRCA1 and P53 pathways. International Journal of Cancer, 2018, 143, 2932-2942.	5.1	6
63	Ability of retroviral transduction to modify the angiogenic characteristics of RPE cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 220-229.	1.9	5
64	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia. Cancer, 1996, 78, 1899-1905.	4.1	2
65	P3-107: RETINAL IMAGING OF AB DEPOSITS IN AD PATIENTS: FROM HISTOLOGICAL EXAMINATION TO CLINICAL TRIALS. , 2014, 10, P667-P667.		1
66	Proangiogenic properties of 4â€hydroxy phenylretinamide (4â€HPR) in experimental neovascularization and study of its mechanisms. FASEB Journal, 2008, 22, 49.2.	0.5	0
67	Retinal vascular abnormalities and blood-retinal barrier breakdown in Alzheimer's disease.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e056603.	0.8	0