David R Hinton

List of Publications by Year
in descending order

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	Survival of an HLA-mismatched, bioengineered RPE implant in dry age-related macular degeneration. Stem Cell Reports, 2022, 17, 448-458.	4.8	20
2	Cytoplasmic synthesis of endogenous Alu complementary DNA via reverse transcription and implications in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
3	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. Translational Vision Science and Technology, 2021, 10, 13.	2.2	37
4	Long-Term Transplant Effects of iPSC-RPE Monolayer in Immunodeficient RCS Rats. Cells, 2021, 10, 2951.	4.1	9
5	Retinal vascular abnormalities and blood-retinal barrier breakdown in Alzheimer's disease.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e056603.	0.8	0
6	Surgical Method for Implantation of a Biosynthetic Retinal Pigment Epithelium Monolayer for Geographic Atrophy: Experience from a Phase 1/2a Study. Ophthalmology Retina, 2020, 4, 264-273.	2.4	48
7	Identification of early pericyte loss and vascular amyloidosis in Alzheimerâ€™s disease retina. Acta Neuropathologica, 2020, 139, 813-836.	7.7	113
8	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
9	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
10	APOPTOSIS AND ANGIOFIBROSIS IN DIABETIC TRACTIONAL MEMBRANES AFTER VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITION. Retina, 2019, 39, 265-273.	1.7	18
11	Subretinal Implantation of aÂHuman Embryonic Stem Cell-Derived Retinal Pigment Epithelium Monolayer in aÂPorcine Model. Advances in Experimental Medicine and Biology, 2019, 1185, 569-574.	1.6	10
12	A bioengineered retinal pigment epithelial monolayer for advanced, dry age-related macular degeneration. Science Translational Medicine, 2018, 10, .	12.4	261
13	A new immunodeficient retinal dystrophic rat model for transplantation studies using human-derived cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 2113-2125.	1.9	15
14	Mechanism of cytokinesis failure in ovarian cystadenomas with defective BRCA1 and P53 pathways. International Journal of Cancer, 2018, 143, 2932-2942.	5.1	6
15	Protective Mechanisms of the Mitochondrial-Derived Peptide Humanin in Oxidative and Endoplasmic Reticulum Stress in RPE Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	54
16	Retinal amyloid pathology and proof-of-concept imaging trial in Alzheimerâ€™s disease. JCI Insight, 2017, 2, .	5.0	357
17	Assessment of Safety and Functional Efficacy of Stem Cell-Based Therapeutic Approaches Using Retinal Degenerative Animal Models. Stem Cells International, 2017, 2017, 1-19.	2.5	13
18	Development of a new tissue injector for subretinal transplantation of human embryonic stem cell derived retinal pigmented epithelium. International Journal of Retina and Vitreous, 2017, 3, 41.	1.9	30

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19	Endoplasmic reticulum-mitochondrial crosstalk: a novel role for the mitochondrial peptide humanin. Neural Regeneration Research, 2017, 12, 35.	3.0	24
20	Aqueous Angiography with Fluorescein and Indocyanine Green in Bovine Eyes. Translational Vision Science and Technology, 2016, 5, 5.	2.2	37
21	Aqueous Angiographyâ€“Mediated Guidance of Trabecular Bypass Improves Angiographic Outflow in Human Enucleated Eyes. , 2016, 57, 4558.		59
22	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction. , 2016, 57, 1238.		142
23	Differential Regulation of Self-reactive CD4+ T Cells in Cervical Lymph Nodes and Central Nervous System during Viral Encephalomyelitis. Frontiers in Immunology, 2016, 7, 370.	4.8	19
24	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
25	Subretinal implantation of a monolayer of human embryonic stem cell-derived retinal pigment epithelium: a feasibility and safety study in YucatÃ¡n minipigs. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1553-1565.	1.9	75
26	Sustained TNF production by central nervous system infiltrating macrophages promotes progressive autoimmune encephalomyelitis. Journal of Neuroinflammation, 2016, 13, 46.	7.2	41
27	Aqueous Angiography: Real-Time and Physiologic Aqueous Humor Outflow Imaging. PLoS ONE, 2016, 11, e0147176.	2.5	58
28	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. PLoS ONE, 2016, 11, e0165150.	2.5	43
29	An Innovative Surgical Technique for Subretinal Transplantation of Human Embryonic Stem Cell-Derived Retinal Pigmented Epithelium in Yucatan Mini Pigs: Preliminary Results. Ophthalmic Surgery Lasers and Imaging Retina, 2016, 47, 342-351.	0.7	25
30	Astrocyte response to IFN-Î³ limits IL-6-mediated microglia activation and progressive autoimmune encephalomyelitis. Journal of Neuroinflammation, 2015, 12, 79.	7.2	66
31	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
32	Myd88 Initiates Early Innate Immune Responses and Promotes CD4 T Cells during Coronavirus Encephalomyelitis. Journal of Virology, 2015, 89, 9299-9312.	3.4	15
33	Polarized Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cell Monolayers Have Higher Resistance to Oxidative Stress-Induced Cell Death Than Nonpolarized Cultures. Stem Cells Translational Medicine, 2015, 4, 10-20.	3.3	54
34	Pharmacological protection of retinal pigmented epithelial cells by sulindac involves PPAR-Î±. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16754-16759.	7.1	24
35	Protein polymer nanoparticles engineered as chaperones protect against apoptosis in human retinal pigment epithelial cells. Journal of Controlled Release, 2014, 191, 4-14.	9.9	46
36	PKR mediated regulation of inflammation and IL-10 during viral encephalomyelitis. Journal of Neuroimmunology, 2014, 270, 1-12.	2.3	14

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37	P3-107: RETINAL IMAGING OF AB DEPOSITS IN AD PATIENTS: FROM HISTOLOGICAL EXAMINATION TO CLINICAL TRIALS. , 2014, 10, P667-P667.		1
38	MMP-Independent Role of TIMP-1 at the Blood Brain Barrier during Viral Encephalomyelitis. ASN Neuro, 2013, 5, AN20130033.	2.7	15
39	Deficiency of Î±B crystallin augments ER stress-induced apoptosis by enhancing mitochondrial dysfunction. Free Radical Biology and Medicine, 2012, 53, 1111-1122.	2.9	67
40	Polarized Secretion of PEDF from Human Embryonic Stem Cellâ€“Derived RPE Promotes Retinal Progenitor Cell Survival. , 2011, 52, 1573.		108
41	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
42	Viral Induced Demyelination. Brain Pathology, 2001, 11, 92-106.	4.1	139
43	Contributions of Fas-Fas Ligand Interactions to the Pathogenesis of Mouse Hepatitis Virus in the Central Nervous System. Journal of Virology, 2000, 74, 2447-2450.	3.4	71
44	Intracerebral Whipple's Disease Diagnosed by Stereotactic Biopsy: A Case Report and Review of the Literature. Neurosurgery, 1999, 44, 203-209.	1.1	65
45	The antidepressant hypericin inhibits progression of experimental proliferative vitreoretinopathy. Current Eye Research, 1999, 19, 323-329.	1.5	25
46	Invasive pituitary adenomas: significance of proliferation parameters. Pituitary, 1999, 2, 117-122.	2.9	49
47	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
48	Soluble TNF-Î± Receptors Are Constitutively Shed and Downregulate Adhesion Molecule Expression in Malignant Gliomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 541-550.	1.7	23
49	Hypericin inhibits choroidal endothelial cell proliferation and cord formation in vitro. Current Eye Research, 1997, 16, 967-972.	1.5	20
50	Retrovirus-mediated transfer of the suicide gene into retinal pigment epithelial cells in vitro. Current Eye Research, 1997, 16, 656-662.	1.5	11
51	Malignant Glioma Sensitivity to Radiotherapy, High-dose Tamoxifen, and Hypericin: Corroborating Clinical Response in Vitro: Case Report. Neurosurgery, 1996, 38, 587-591.	1.1	17
52	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia. , 1996, 78, 1899-1905.		44
53	Vitamin E succinate inhibits proliferation and migration of retinal pigment epithelial cells in vitro: therapeutic implication for proliferative vitreoretinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, 186-192.	1.9	26
54	Hypericin inhibits cell growth and induces apoptosis in retinal pigment epithelial cells: possible involvement of protein kinase C. Current Eye Research, 1996, 15, 255-262.	1.5	57

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55	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia. Cancer, 1996, 78, 1899-1905.	4.1	2
56	In vitrostudies of human choroidal endothelial cells. Current Eye Research, 1995, 14, 621-627.	1.5	18
57	High-Dose Tamoxifen in Treatment of Brain Tumors: Interaction with Antiepileptic Drugs. Epilepsia, 1995, 36, 513-515.	5.1	35
58	Cerebral Neurocytoma: An Unusual Cause of Refractory Epilepsy. Case Report and Review of the Literature. Epilepsia, 1995, 36, 1237-1240.	5.1	38
59	MDR1 Gene Expression in Brain of Patients with Medically Intractable Epilepsy. Epilepsia, 1995, 36, 1-6.	5.1	537
60	Macrophages regulate induction of delayedâ€type hypersensitivity and experimental allergic encephalomyelitis in SJL mice. European Journal of Immunology, 1995, 25, 2318-2324.	2.9	59
61	Thrombin induced cytoskeletal change in cultured bovine corneal endothelial cells mediated via protein kinase C pathway. Current Eye Research, 1995, 14, 35-45.	1.5	12
62	SV40-immortalized and primary cultured human retinal pigment epithelial cells share similar patterns of cytokine-receptor expression and cytokine responsiveness. Current Eye Research, 1995, 14, 495-503.	1.5	25
63	Dexamethasone induced proliferation of cultured retinal pigment epithelial cells. Current Eye Research, 1994, 13, 257-261.	1.5	33
64	Collagen gel contraction induced by retinal pigment epithelial cells and choroidal fibroblasts involves the protein kinase C pathway. Current Eye Research, 1994, 13, 451-459.	1.5	46
65	Somataglycanâ€s: A Neuronal Surface Proteoglycan Defines the Spinocerebellar System. Journal of Neurochemistry, 1994, 62, 1615-1630.	3.9	12
66	Multiparameter Flow Cytometric Analysis of Neoplasms of the Central Nervous System: Correlation of Nuclear Antigen p105 and DNA Content with Clinical Behavior. Neurosurgery, 1990, 27, 83-96.	1.1	26
67	Monoclonal antibodies react with neuronal subpopulations in the human nervous system. Journal of Comparative Neurology, 1988, 267, 398-408.	1.6	29