

David R Hinton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

2,593

citations

28

h-index

50

g-index

69

ext. papers

3,023

ext. citations

5.3

avg, IF

4.6

L-index

#	Paper	IF	Citations
66	MDR1 gene expression in brain of patients with medically intractable epilepsy. <i>Epilepsia</i> , 1995 , 36, 1-6	6.4	462
65	Retinal amyloid pathology and proof-of-concept imaging trial in Alzheimer's disease. <i>JCI Insight</i> , 2017 , 2,	9.9	231
64	A bioengineered retinal pigment epithelial monolayer for advanced, dry age-related macular degeneration. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	170
63	Viral induced demyelination. <i>Brain Pathology</i> , 2001 , 11, 92-106	6	118
62	The Mitochondrial-Derived Peptide Humanin Protects RPE Cells From Oxidative Stress, Senescence, and Mitochondrial Dysfunction 2016 , 57, 1238-53		99
61	Polarized secretion of PEDF from human embryonic stem cell-derived RPE promotes retinal progenitor cell survival 2011 , 52, 1573-85		89
60	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, 2447-50	6.6	66
59	Macrophages regulate induction of delayed-type hypersensitivity and experimental allergic encephalomyelitis in SJL mice. <i>European Journal of Immunology</i> , 1995 , 25, 2318-24	6.1	57
58	Deficiency of B crystallin augments ER stress-induced apoptosis by enhancing mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 1111-22	7.8	56
57	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	3.8	55
56	Intracerebral Whipple's disease diagnosed by stereotactic biopsy: a case report and review of the literature. <i>Neurosurgery</i> , 1999 , 44, 203-9	3.2	54
55	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, 255-62	2.9	49
54	Identification of early pericyte loss and vascular amyloidosis in Alzheimer's disease retina. <i>Acta Neuropathologica</i> , 2020 , 139, 813-836	14.3	49
53	Aqueous Angiography-Mediated Guidance of Trabecular Bypass Improves Angiographic Outflow in Human Enucleated Eyes 2016 , 57, 4558-65		46
52	Survival and Functionality of hESC-Derived Retinal Pigment Epithelium Cells Cultured as a Monolayer on Polymer Substrates Transplanted in RCS Rats 2016 , 57, 2877-87		46
51	Astrocyte response to IFN- β limits IL-6-mediated microglia activation and progressive autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2015 , 12, 79	10.1	44
50	Aqueous Angiography: Real-Time and Physiologic Aqueous Humor Outflow Imaging. <i>PLoS ONE</i> , 2016 , 11, e0147176	3.7	44

49	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	6.9	43
48	Invasive pituitary adenomas: significance of proliferation parameters. <i>Pituitary</i> , 1999 , 2, 117-22	4.3	42
47	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, 451-9	2.9	42
46	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, 1675230	6.7	37
45	Cerebral neurocytoma: an unusual cause of refractory epilepsy. Case report and review of the literature. <i>Epilepsia</i> , 1995 , 36, 1237-40	6.4	37
44	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	11.7	36
43	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia 1996 , 78, 1899-1905		33
42	Aqueous Angiography with Fluorescein and Indocyanine Green in Bovine Eyes. <i>Translational Vision Science and Technology</i> , 2016 , 5, 5	3.3	32
41	Dexamethasone induced proliferation of cultured retinal pigment epithelial cells. <i>Current Eye Research</i> , 1994 , 13, 257-61	2.9	30
40	High-dose tamoxifen in treatment of brain tumors: interaction with antiepileptic drugs. <i>Epilepsia</i> , 1995 , 36, 513-5	6.4	29
39	Humanin Protects RPE Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Upregulation of Mitochondrial Glutathione. <i>PLoS ONE</i> , 2016 , 11, e0165150	3.7	29
38	Monoclonal antibodies react with neuronal subpopulations in the human nervous system. <i>Journal of Comparative Neurology</i> , 1988 , 267, 398-408	3.4	28
37	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	3.2	26
36	Sustained TNF production by central nervous system infiltrating macrophages promotes progressive autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2016 , 13, 46	10.1	26
35	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	2.9	24
34	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	3.8	23
33	The antidepressant hypericin inhibits progression of experimental proliferative vitreoretinopathy. <i>Current Eye Research</i> , 1999 , 19, 323-9	2.9	21
32	Vitamin E succinate inhibits proliferation and migration of retinal pigment epithelial cells in vitro: therapeutic implication for proliferative vitreoretinopathy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1996 , 234, 186-92	3.8	21

31	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, 16754-9	11.5	20
30	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, 342-51	1.4	20
29	Endoplasmic reticulum-mitochondrial crosstalk: a novel role for the mitochondrial peptide humanin. <i>Neural Regeneration Research</i> , 2017 , 12, 35-38	4.5	20
28	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	2.9	19
27	Soluble TNF-alpha receptors are constitutively shed and downregulate adhesion molecule expression in malignant gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997 , 56, 541-50	3.1	19
26	Hypericin inhibits choroidal endothelial cell proliferation and cord formation in vitro. <i>Current Eye Research</i> , 1997 , 16, 967-72	2.9	17
25	Malignant glioma sensitivity to radiotherapy, high-dose tamoxifen, and hypericin: corroborating clinical response in vitro: case report. <i>Neurosurgery</i> , 1996 , 38, 587-90; discussion 590-1	3.2	16
24	In vitro studies of human choroidal endothelial cells. <i>Current Eye Research</i> , 1995 , 14, 621-7	2.9	16
23	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	8.4	14
22	APOPTOSIS AND ANGIOFIBROSIS IN DIABETIC TRACTIONAL MEMBRANES AFTER VASCULAR ENDOTHELIAL GROWTH FACTOR INHIBITION: Results of a Prospective Trial. Report No. 2. <i>Retina</i> , 2019 , 39, 265-273	3.6	13
21	Cytoplasmic synthesis of endogenous 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,	11.5	13
20	MMP-independent role of TIMP-1 at the blood brain barrier during viral encephalomyelitis. <i>ASN Neuro</i> , 2013 , 5, e00127	5.3	11
19	PKR mediated regulation of inflammation and IL-10 during viral encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2014 , 270, 1-12	3.5	10
18	Retrovirus-mediated transfer of the suicide gene into retinal pigment epithelial cells in vitro. <i>Current Eye Research</i> , 1997 , 16, 656-62	2.9	10
17	Somataglycan-S: a neuronal surface proteoglycan defines the spinocerebellar system. <i>Journal of Neurochemistry</i> , 1994 , 62, 1615-30	6	10
16	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	2.9	10
15	Assessment of Safety and Functional Efficacy of Stem Cell-Based Therapeutic Approaches Using Retinal Degenerative Animal Models. <i>Stem Cells International</i> , 2017 , 2017, 9428176	5	8
14	Myd88 Initiates Early Innate Immune Responses and Promotes CD4 T Cells during Coronavirus Encephalomyelitis. <i>Journal of Virology</i> , 2015 , 89, 9299-312	6.6	7

13	A new immunodeficient retinal dystrophic rat model for transplantation studies using human-derived cells. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 2113-2125	3.8	7
12	A Novel HDL-Mimetic Peptide HM-10/10 Protects RPE and Photoreceptors in Murine Models of Retinal Degeneration. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
11	Subretinal Implantation of a Human Embryonic Stem Cell-Derived Retinal Pigment Epithelium Monolayer in a Porcine Model. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1185, 569-574	3.6	6
10	Histopathologic Assessment of Optic Nerves and Retina From a Patient With Chronically Implanted Argus II Retinal Prosthesis System. <i>Translational Vision Science and Technology</i> , 2019 , 8, 31	3.3	5
9	Distinct CD4 T-cell effects on primary versus recall CD8 T-cell responses during viral encephalomyelitis. <i>Immunology</i> , 2015 , 144, 374-386	7.8	4
8	Mechanism of cytokinesis failure in ovarian cystadenomas with defective BRCA1 and P53 pathways. <i>International Journal of Cancer</i> , 2018 , 143, 2932-2942	7.5	4
7	Ability of retroviral transduction to modify the angiogenic characteristics of RPE cells. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1998 , 236, 220-9	3.8	4
6	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	3.3	4
5	Survival of an HLA-mismatched, bioengineered RPE implant in dry age-related macular degeneration.. <i>Stem Cell Reports</i> , 2022 ,	8	3
4	Acute polyneuropathy after high dose cytosine arabinoside in patients with leukemia 1996 , 78, 1899		2
3	P3-107: RETINAL IMAGING OF AB DEPOSITS IN AD PATIENTS: FROM HISTOLOGICAL EXAMINATION TO CLINICAL TRIALS 2014 , 10, P667-P667		1
2	Proangiogenic properties of 4-hydroxy phenylretinamide (4-HPR) in experimental neovascularization and study of its mechanisms. <i>FASEB Journal</i> , 2008 , 22, 49.2	0.9	
1	Retinal vascular abnormalities and blood-retinal barrier breakdown in Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e056603	1.2	