

# David N Zacks

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

11,425  
citations

117625

34  
h-index

53230

85  
g-index

106  
all docs

106  
docs citations

106  
times ranked

22866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Paracentral Acute Middle Maculopathy. <i>JAMA Ophthalmology</i> , 2013, 131, 1275.	2.5	365
4	Choroidopathy of systemic lupus erythematosus. <i>Lupus</i> , 2000, 9, 288-298.	1.6	116
5	Caspase Activation in an Experimental Model of Retinal Detachment. , 2003, 44, 1262.		113
6	Deletion of autophagy inducer<i>RB1CC1</i>results in degeneration of the retinal pigment epithelium. <i>Autophagy</i> , 2015, 11, 939-953.	9.1	103
7	Treatment of metastatic tumors of the choroid with proton beam irradiation. <i>Ophthalmology</i> , 2005, 112, 337-343.	5.2	93
8	Advancing Therapeutic Strategies for Inherited Retinal Degeneration: Recommendations From the Monaciano Symposium. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 918-931.	3.3	92
9	FAS-Mediated Apoptosis and Its Relation to Intrinsic Pathway Activation in an Experimental Model of Retinal Detachment. , 2004, 45, 4563.		91
10	A small peptide antagonist of the Fas receptor inhibits neuroinflammation and prevents axon degeneration and retinal ganglion cell death in an inducible mouse model of glaucoma. <i>Journal of Neuroinflammation</i> , 2019, 16, 184.	7.2	87
11	Inhibiting autophagy reduces retinal degeneration caused by protein misfolding. <i>Autophagy</i> , 2018, 14, 1226-1238.	9.1	81
12	Retinal analog restoration of photophobic responses in a blind <i>Chlamydomonas reinhardtii</i> mutant. Evidence for an archaebacterial like chromophore in a eukaryotic rhodopsin. <i>Biophysical Journal</i> , 1991, 60, 1490-1498.	0.5	79
13	Autophagy Activation in the Injured Photoreceptor Inhibits Fas-Mediated Apoptosis. , 2011, 52, 4193.		75
14	Switching To Less Expensive Blindness Drug Could Save Medicare Part B \$18ÂBillion Over A Ten-Year Period. <i>Health Affairs</i> , 2014, 33, 931-939.	5.2	72
15	Activation of Signaling Pathways and Stress-Response Genes in an Experimental Model of Retinal Detachment. , 2006, 47, 1691.		68
16	Electroretinograms as an indicator of disease activity in birdshot retinochoroidopathy. , 2002, 240, 601-607.		67
17	Interleukin-6 as a Photoreceptor Neuroprotectant in an Experimental Model of Retinal Detachment. , 2008, 49, 3193.		67
18	Predictors of Visual Outcome and Choroidal Neovascular Membrane Formation After Traumatic Choroidal Rupture. <i>JAMA Ophthalmology</i> , 2006, 124, 957.	2.4	65

#	ARTICLE	IF	CITATIONS
19	Central serous chorioretinopathy and risk for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2007, 11, 253-257.	1.7	64
20	Racial Differences in Age-Related Macular Degeneration Rates in the United States: A Longitudinal Analysis of a Managed Care Network. <i>American Journal of Ophthalmology</i> , 2011, 152, 273-282.e3.	3.3	63
21	Circadian and Noncircadian Modulation of Autophagy in Photoreceptors and Retinal Pigment Epithelium. , 2014, 55, 3237.		63
22	Melanoma-associated retinopathy and recurrent exudative retinal detachments in a patient with choroidal melanoma. <i>American Journal of Ophthalmology</i> , 2001, 132, 578-581.	3.3	62
23	RETINAL PIGMENT EPITHELIUM TEARS AFTER INTRAVITREAL INJECTION OF BEVACIZUMAB (AVASTIN) FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2007, 27, 535-540.	1.7	62
24	Adverse Events After Pars Plana Vitrectomy Among Medicare Beneficiaries. <i>JAMA Ophthalmology</i> , 2009, 127, 1656.	2.4	61
25	Inhibition of Retinal Detachment-Induced Apoptosis in Photoreceptors by a Small Peptide Inhibitor of the Fas Receptor. , 2010, 51, 2177.		60
26	Role of the Fas-Signaling Pathway in Photoreceptor Neuroprotection. <i>JAMA Ophthalmology</i> , 2007, 125, 1389.	2.4	57
27	Effect of Intravitreal Triamcinolone Acetonide on Susceptibility to Experimental Bacterial Endophthalmitis and Subsequent Response to Treatment. <i>JAMA Ophthalmology</i> , 2005, 123, 649.	2.4	56
28	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	2.2	56
29	Retinal cell death and current strategies in retinal neuroprotection. <i>Current Opinion in Ophthalmology</i> , 2014, 25, 228-233.	2.9	55
30	COMBINED INTRAVITREAL INJECTION OF TRIAMCINOLONE ACETONIDE AND PANRETINAL PHOTOCOAGULATION FOR CONCOMITANT DIABETIC MACULAR EDEMA AND PROLIFERATIVE DIABETIC RETINOPATHY. <i>Retina</i> , 2005, 25, 135-140.	1.7	51
31	Anti-“Vascular Endothelial Growth Factor Therapy for Diabetic Retinopathy: Consequences of Inadvertent Treatment Interruptions. <i>American Journal of Ophthalmology</i> , 2019, 204, 13-18.	3.3	51
32	Comparative study of phototactic and photophobic receptor chromophore properties in <i>Chlamydomonas reinhardtii</i> . <i>Biophysical Journal</i> , 1993, 65, 508-518.	0.5	48
33	XIAP Therapy Increases Survival of Transplanted Rod Precursors in a Degenerating Host Retina. , 2011, 52, 1567.		47
34	Stellate Nonhereditary Idiopathic Foveomacular Retinoschisis. <i>Ophthalmology</i> , 2014, 121, 1406-1413.	5.2	43
35	Shifting the balance of autophagy and proteasome activation reduces proteotoxic cell death: a novel therapeutic approach for restoring photoreceptor homeostasis. <i>Cell Death and Disease</i> , 2019, 10, 547.	6.3	43
36	Hypoxia inducible factor 1 $\beta$ contributes to regulation of autophagy in retinal detachment. <i>Experimental Eye Research</i> , 2015, 137, 84-93.	2.6	41

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37	Microbial Sensory Rhodopsins: Photochemistry and Function. <i>Israel Journal of Chemistry</i> , 1995, 35, 495-513.	2.3	40
38	Control of Photoreceptor Autophagy After Retinal Detachment: The Switch From Survival to Death. , 2014, 55, 688.		40
39	ROLE OF STATINS IN THE DEVELOPMENT AND PROGRESSION OF AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2013, 33, 414-422.	1.7	39
40	Worldwide Argus II implantation: recommendations to optimize patient outcomes. <i>BMC Ophthalmology</i> , 2016, 16, 52.	1.4	39
41	Molecular Testing for Hereditary Retinal Disease as Part of Clinical Care. <i>JAMA Ophthalmology</i> , 2007, 125, 252.	2.4	37
42	Effects on XIAP Retinal Detachmentâ€œInduced Photoreceptor Apoptosis. , 2009, 50, 1448.		37
43	Autophagy-mediated catabolism of visual transduction proteins prevents retinal degeneration. <i>Autophagy</i> , 2016, 12, 2439-2450.	9.1	37
44	Safety and Feasibility of Quantitative Multiplexed Cytokine Analysis From Office-Based Vitreous Aspiration. , 2016, 57, 3017.		36
45	NOVEL CLASSIFICATION SYSTEM FOR COMBINED HAMARTOMA OF THE RETINA AND RETINAL PIGMENT EPITHELIUM. <i>Retina</i> , 2018, 38, 12-19.	1.7	35
46	Verteporfin photodynamic therapy in the rat model of choroidal neovascularization: angiographic and histologic characterization. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 2384-91.	3.3	35
47	Retinal and Intracranial Arteriovenous Malformations: Wyburn-Mason Syndrome. <i>Journal of Neuro-Ophthalmology</i> , 2005, 25, 205-208.	0.8	34
48	Vitreous Cytokine Expression and a Murine Model Suggest a Key Role of Microglia in the Inflammatory Response to Retinal Detachment. , 2018, 59, 3767.		34
49	Pharmacotherapies for Retinal Detachment. <i>Ophthalmology</i> , 2016, 123, 1553-1562.	5.2	32
50	Protective Effect of Met12, a Small Peptide Inhibitor of Fas, on the Retinal Pigment Epithelium and Photoreceptor After Sodium Iodate Injury. , 2017, 58, 1801.		28
51	INTRAVITREAL DAPTOMYCIN. <i>Retina</i> , 2011, 31, 1199-1206.	1.7	27
52	Retinal neuroprotection. <i>Current Opinion in Ophthalmology</i> , 2019, 30, 199-205.	2.9	27
53	ERK-Mediated Activation of Fas Apoptotic Inhibitory Molecule 2 (Faim2) Prevents Apoptosis of 661W Cells in a Model of Detachment-Induced Photoreceptor Cell Death. <i>PLoS ONE</i> , 2012, 7, e46664.	2.5	22
54	Retinal Anatomy and Electrode Array Position in Retinitis Pigmentosa Patients After Argus II Implantation: An International Study. <i>American Journal of Ophthalmology</i> , 2018, 193, 87-99.	3.3	21

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55	Rates of Nonexudative and Exudative Age-Related Macular Degeneration among Asian American Ethnic Groups. , 2011, 52, 6842.		20
56	Retinal Angiomatous Proliferation. JAMA Ophthalmology, 2004, 122, 932.	2.4	19
57	Transretinal Pigment Migration: An Optical Coherence Tomographic Study. JAMA Ophthalmology, 2004, 122, 406.	2.4	18
58	ADVERSE EVENTS OF THE ARGUS II RETINAL PROSTHESIS. Retina, 2020, 40, 303-311.	1.7	18
59	Pharmacologic activation of autophagy without direct mTOR inhibition as a therapeutic strategy for treating dry macular degeneration. Aging, 2021, 13, 10866-10890.	3.1	18
60	Caspase Inhibition with XIAP as an Adjunct to AAV Vector Gene-Replacement Therapy: Improving Efficacy and Prolonging the Treatment Window. PLoS ONE, 2012, 7, e37197.	2.5	18
61	Gain setting in Chlamydomonas reinhardtii: Mechanism of phototaxis and the role of the photophobic response. Cytoskeleton, 1994, 29, 225-230.	4.4	17
62	Highly Differentiated Human Fetal RPE Cultures Are Resistant to the Accumulation and Toxicity of Lipofuscin-Like Material. , 2019, 60, 3468.		17
63	Hypopyon uveitis associated with systemic lupus erythematosus and antiphospholipid antibody syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 386-388.	1.9	15
64	Measuring Contrast Sensitivity Function With Active Learning in Retinal Vein Occlusion: A New Endpoint of Visual Function. Ophthalmic Surgery Lasers and Imaging Retina, 2020, 51, 392-400.	0.7	13
65	FAS apoptotic inhibitory molecule 2 is a stress-induced intrinsic neuroprotective factor in the retina. Cell Death and Differentiation, 2017, 24, 1799-1810.	11.2	12
66	Retinal Neuroprotection: Overcoming the Translational Roadblocks. American Journal of Ophthalmology, 2018, 192, xv-xxii.	3.3	12
67	Active Learning of Contrast Sensitivity to Assess Visual Function in Macula-Off Retinal Detachment. Journal of Vitreoretinal Diseases, 2021, 5, 313-320.	0.7	12
68	Vitrectomy Alone in the Management of Giant Retinal Tears. Ophthalmic Surgery Lasers and Imaging Retina, 2014, 45, 421-427.	0.7	12
69	Gene transcription profile of the detached retina (An AOS Thesis). Transactions of the American Ophthalmological Society, 2009, 107, 343-82.	1.4	11
70	Cell and Gene Therapy. Developments in Ophthalmology, 2014, 53, 167-177.	0.1	10
71	Retinal Detachment After Endophthalmitis: Risk Factors and Outcomes. Clinical Ophthalmology, 2021, Volume 15, 1529-1537.	1.8	10
72	Surgical repair of primary non-complex rhegmatogenous retinal detachment in the modern era of small-gauge vitrectomy. BMJ Open Ophthalmology, 2021, 6, e000651.	1.6	9

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73	Ultrasonography in the Traumatized Eye: Intraocular Foreign Body Versus Artifact. <i>International Ophthalmology Clinics</i> , 2002, 42, 121-128.	0.7	8
74	Loss of High-Mobility Group Box 1 (HMGB1) Protein in Rods Accelerates Rod Photoreceptor Degeneration After Retinal Detachment. , 2020, 61, 50.		8
75	Risk Factors for Endophthalmitis Following Open Globe Injuries: A 17-Year Analysis. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2077-2087.	1.8	8
76	Autophagosome immunoisolation from GFP-LC3B mouse tissue. <i>Autophagy</i> , 2019, 15, 341-346.	9.1	7
77	A platform for assessing outer segment fate in primary human fetal RPE cultures. <i>Experimental Eye Research</i> , 2019, 178, 212-222.	2.6	7
78	Autophagy activation and photoreceptor survival in retinal detachment. <i>Experimental Eye Research</i> , 2021, 205, 108492.	2.6	7
79	Cell Death in AMD: The Rationale for Targeting Fas. <i>Journal of Clinical Medicine</i> , 2022, 11, 592.	2.4	7
80	Neisseria meningitidis endophthalmitis. <i>Ophthalmology</i> , 2004, 111, 1432-1433.	5.2	6
81	Hypotony and the Argus II retinal prosthesis: causes, prevention and management. <i>British Journal of Ophthalmology</i> , 2020, 104, 518-523.	3.9	6
82	Loss of $\alpha$ - or $\beta$ -Crystallin Accelerates Photoreceptor Cell Death in a Mouse Model of P23H Autosomal Dominant Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 2022, 23, 70.	4.1	6
83	TESTOSTERONE SUPPLEMENTATION AND RETINAL VASCULAR DISEASE. <i>Retina</i> , 2018, 38, 2247-2252.	1.7	5
84	Contemporary Management of Complex and Non-Complex Rhegmatogenous Retinal Detachment Due to Giant Retinal Tears. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 1013-1022.	1.8	5
85	Conditional Knock out of High-Mobility Group Box 1 (HMGB1) in Rods Reduces Autophagy Activation after Retinal Detachment. <i>Cells</i> , 2021, 10, 2010.	4.1	5
86	Randomized Safety and Feasibility Trial of Ultra-Rapid Cooling Anesthesia for Intravitreal Injections. <i>Ophthalmology Retina</i> , 2020, 4, 979-986.	2.4	4
87	Endophthalmitis, Visual Outcomes, and Management Strategies in Eyes with Intraocular Foreign Bodies. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 1401-1411.	1.8	4
88	Maculopathies That Resemble Optic Neuropathies. <i>International Ophthalmology Clinics</i> , 2001, 41, 61-71.	0.7	3
89	Clinical Presentation and Outcomes of Rhegmatogenous Retinal Detachments During the COVID-19 Lockdown and Its Aftermath at a Tertiary Care Center in Michigan. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2021, 52, 593-600.	0.7	3
90	Persistent detachment of the fovea after non-buckling repair of rhegmatogenous retinal detachment. <i>British Journal of Ophthalmology</i> , 2006, 90, 920-921.	3.9	2

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91	Retinal neuroprotection in dry age-related macular degeneration. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013, 10, e21-e24.	0.5	2
92	Rationale for American Society of Retina Specialists Best Practice Recommendations for Conducting Vitreoretinal Surgery During the Coronavirus Disease-19 Era. <i>Journal of Vitreoretinal Diseases</i> , 2020, 4, 420-429.	0.7	2
93	Antimicrobial guide to posterior segment infections. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2473-2501.	1.9	2
94	Temporally independent association of multiple evanescent white dot syndrome and optic neuritis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2807-2811.	1.9	2
95	The Development of a Cat Model of Retinal Detachment and Re-attachment. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 315-321.	1.6	2
96	The diagnostic challenge of occult large vessel ischemia of the retina and choroid. <i>Current Opinion in Ophthalmology</i> , 1999, 10, 371-375.	2.9	1
97	A CASE OF PURTSCHER-LIKE RETINOPATHY FOLLOWING A MOTOR VEHICLE ACCIDENT. <i>Retinal Cases and Brief Reports</i> , 2009, 3, 369-371.	0.6	1
98	A NOVEL MISSENSE MUTATION IN THE RDS/PERIPHERIN GENE ASSOCIATED WITH RETINAL PATTERN DYSTROPHY. <i>Retinal Cases and Brief Reports</i> , 2010, 4, 84-85.	0.6	1
99	Intraocular Tooth. <i>JAMA Ophthalmology</i> , 2013, 131, 241.	2.5	1
100	POSTOPERATIVE ENDOPHTHALMITIS CAUSED BY BOSEA thiooxidans. <i>Retinal Cases and Brief Reports</i> , 2017, 11, 329-331.	0.6	1
101	Persistent macular puckering following excision of causative orbital tumor. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 10, 196-197.	0.7	1
102	Microbial sensory rhodopsins. <i>Biomembranes: A Multi-Volume Treatise</i> , 1996, , 199-226.	0.1	0
103	LATE-ONSET CYSTOID MACULAR EDEMA AS A PRESENTING SYMPTOM OF ANCA-NEGATIVE PAUCIIMMUNE CRESCENTIC GLOMERULONEPHRITIS. <i>Retinal Cases and Brief Reports</i> , 2012, 6, 368-370.	0.6	0
104	Reply. <i>Retina</i> , 2017, 37, e138-e139.	1.7	0