

# David N Zacks

## List of Publications by Year in descending order

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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	Cell Death in AMD: The Rationale for Targeting Fas. <i>Journal of Clinical Medicine</i> , 2022, 11, 592.	2.4	7
2	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
3	Endophthalmitis, Visual Outcomes, and Management Strategies in Eyes with Intraocular Foreign Bodies. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 1401-1411.	1.8	4
4	Antimicrobial guide to posterior segment infections. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2473-2501.	1.9	2
5	Active Learning of Contrast Sensitivity to Assess Visual Function in Macula-Off Retinal Detachment. <i>Journal of Vitreoretinal Diseases</i> , 2021, 5, 313-320.	0.7	12
6	Surgical repair of primary non-complex rhegmatogenous retinal detachment in the modern era of small-gauge vitrectomy. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000651.	1.6	9
7	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
8	Autophagy activation and photoreceptor survival in retinal detachment. <i>Experimental Eye Research</i> , 2021, 205, 108492.	2.6	7
9	Retinal Detachment After Endophthalmitis: Risk Factors and Outcomes. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 1529-1537.	1.8	10
10	Pharmacologic activation of autophagy without direct mTOR inhibition as a therapeutic strategy for treating dry macular degeneration. <i>Aging</i> , 2021, 13, 10866-10890.	3.1	18
11	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
12	Risk Factors for Endophthalmitis Following Open Globe Injuries: A 17-Year Analysis. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2077-2087.	1.8	8
13	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
14	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
15	ADVERSE EVENTS OF THE ARGUS II RETINAL PROSTHESIS. <i>Retina</i> , 2020, 40, 303-311.	1.7	18
16	Hypotony and the Argus II retinal prosthesis: causes, prevention and management. <i>British Journal of Ophthalmology</i> , 2020, 104, 518-523.	3.9	6
17	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
18	Randomized Safety and Feasibility Trial of Ultra-Rapid Cooling Anesthesia for Intravitreal Injections. <i>Ophthalmology Retina</i> , 2020, 4, 979-986.	2.4	4

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19	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
20	Loss of High-Mobility Group Box 1 (HMGB1) Protein in Rods Accelerates Rod Photoreceptor Degeneration After Retinal Detachment. , 2020, 61, 50.		8
21	Measuring Contrast Sensitivity Function With Active Learning in Retinal Vein Occlusion: A New Endpoint of Visual Function. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2020, 51, 392-400.	0.7	13
22	Highly Differentiated Human Fetal RPE Cultures Are Resistant to the Accumulation and Toxicity of Lipofuscin-Like Material. , 2019, 60, 3468.		17
23	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
24	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
25	Anti-VEGF 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
26	Retinal neuroprotection. <i>Current Opinion in Ophthalmology</i> , 2019, 30, 199-205.	2.9	27
27	Autophagosome immunoisolation from GFP-LC3B mouse tissue. <i>Autophagy</i> , 2019, 15, 341-346.	9.1	7
28	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
29	Retinal Neuroprotection: Overcoming the Translational Roadblocks. <i>American Journal of Ophthalmology</i> , 2018, 192, xv-xxii.	3.3	12
30	NOVEL CLASSIFICATION SYSTEM FOR COMBINED HAMARTOMA OF THE RETINA AND RETINAL PIGMENT EPITHELIUM. <i>Retina</i> , 2018, 38, 12-19.	1.7	35
31	TESTOSTERONE SUPPLEMENTATION AND RETINAL VASCULAR DISEASE. <i>Retina</i> , 2018, 38, 2247-2252.	1.7	5
32	Vitreous Cytokine Expression and a Murine Model Suggest a Key Role of Microglia in the Inflammatory Response to Retinal Detachment. , 2018, 59, 3767.		34
33	Inhibiting autophagy reduces retinal degeneration caused by protein misfolding. <i>Autophagy</i> , 2018, 14, 1226-1238.	9.1	81
34	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
35	Persistent macular puckering following excision of causative orbital tumor. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 10, 196-197.	0.7	1
36	FAS apoptotic inhibitory molecule 2 is a stress-induced intrinsic neuroprotective factor in the retina. <i>Cell Death and Differentiation</i> , 2017, 24, 1799-1810.	11.2	12

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37	POSTOPERATIVE ENDOPHTHALMITIS CAUSED BY BOSEA thiooxidans. Retinal Cases and Brief Reports, 2017, 11, 329-331.	0.6	1
38	Reply. Retina, 2017, 37, e138-e139.	1.7	0
39	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
40	Safety and Feasibility of Quantitative Multiplexed Cytokine Analysis From Office-Based Vitreous Aspiration. , 2016, 57, 3017.		36
41	Pharmacotherapies for Retinal Detachment. Ophthalmology, 2016, 123, 1553-1562.	5.2	32
42	Autophagy-mediated catabolism of visual transduction proteins prevents retinal degeneration. Autophagy, 2016, 12, 2439-2450.	9.1	37
43	Worldwide Argus II implantation: recommendations to optimize patient outcomes. BMC Ophthalmology, 2016, 16, 52.	1.4	39
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
45	The Development of a Cat Model of Retinal Detachment and Re-attachment. Advances in Experimental Medicine and Biology, 2016, 854, 315-321.	1.6	2
46	Deletion of autophagy inducer<i>RB1CC1</i>results in degeneration of the retinal pigment epithelium. Autophagy, 2015, 11, 939-953.	9.1	103
47	Advancing Therapeutic Strategies for Inherited Retinal Degeneration: Recommendations From the Monaciano Symposium. Investigative Ophthalmology and Visual Science, 2015, 56, 918-931.	3.3	92
48	Hypoxia inducible factor 1 $\pm$ contributes to regulation of autophagy in retinal detachment. Experimental Eye Research, 2015, 137, 84-93.	2.6	41
49	Circadian and Noncircadian Modulation of Autophagy in Photoreceptors and Retinal Pigment Epithelium. , 2014, 55, 3237.		63
50	Control of Photoreceptor Autophagy After Retinal Detachment: The Switch From Survival to Death. , 2014, 55, 688.		40
51	Retinal cell death and current strategies in retinal neuroprotection. Current Opinion in Ophthalmology, 2014, 25, 228-233.	2.9	55
52	Stellate Nonhereditary Idiopathic Foveomacular Retinoschisis. Ophthalmology, 2014, 121, 1406-1413.	5.2	43
53	Switching To Less Expensive Blindness Drug Could Save Medicare Part B \$18ÂBillion Over A Ten-Year Period. Health Affairs, 2014, 33, 931-939.	5.2	72
54	Cell and Gene Therapy. Developments in Ophthalmology, 2014, 53, 167-177.	0.1	10

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55	Vitrectomy Alone in the Management of Giant Retinal Tears. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2014, 45, 421-427.	0.7	12
56	Paracentral Acute Middle Maculopathy. <i>JAMA Ophthalmology</i> , 2013, 131, 1275.	2.5	365
57	Retinal neuroprotection in dry age-related macular degeneration. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2013, 10, e21-e24.	0.5	2
58	Intraocular Tooth. <i>JAMA Ophthalmology</i> , 2013, 131, 241.	2.5	1
59	ROLE OF STATINS IN THE DEVELOPMENT AND PROGRESSION OF AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2013, 33, 414-422.	1.7	39
60	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
61	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
62	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
63	Caspase Inhibition with XIAP as an Adjunct to AAV Vector Gene-Replacement Therapy: Improving Efficacy and Prolonging the Treatment Window. <i>PLoS ONE</i> , 2012, 7, e37197.	2.5	18
64	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
65	XIAP Therapy Increases Survival of Transplanted Rod Precursors in a Degenerating Host Retina. , 2011, 52, 1567.		47
66	Rates of Nonexudative and Exudative Age-Related Macular Degeneration among Asian American Ethnic Groups. , 2011, 52, 6842.		20
67	INTRAVITREAL DAPTOMYCIN. <i>Retina</i> , 2011, 31, 1199-1206.	1.7	27
68	Autophagy Activation in the Injured Photoreceptor Inhibits Fas-Mediated Apoptosis. , 2011, 52, 4193.		75
69	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
70	Inhibition of Retinal Detachment-Induced Apoptosis in Photoreceptors by a Small Peptide Inhibitor of the Fas Receptor. , 2010, 51, 2177.		60
71	Effects on XIAP Retinal Detachmentâ€“Induced Photoreceptor Apoptosis. , 2009, 50, 1448.		37
72	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

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73	Adverse Events After Pars Plana Vitrectomy Among Medicare Beneficiaries. JAMA Ophthalmology, 2009, 127, 1656.	2.4	61
74	Gene transcription profile of the detached retina (An AOS Thesis). Transactions of the American Ophthalmological Society, 2009, 107, 343-82.	1.4	11
75	Interleukin-6 as a Photoreceptor Neuroprotectant in an Experimental Model of Retinal Detachment. , 2008, 49, 3193.		67
76	Role of the Fas-Signaling Pathway in Photoreceptor Neuroprotection. JAMA Ophthalmology, 2007, 125, 1389.	2.4	57
77	Molecular Testing for Hereditary Retinal Disease as Part of Clinical Care. JAMA Ophthalmology, 2007, 125, 252.	2.4	37
78	RETINAL PIGMENT EPITHELIUM TEARS AFTER INTRAVITREAL INJECTION OF BEVACIZUMAB (AVASTIN) FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2007, 27, 535-540.	1.7	62
79	Central serous chorioretinopathy and risk for obstructive sleep apnea. Sleep and Breathing, 2007, 11, 253-257.	1.7	64
80	Persistent detachment of the fovea after non-buckling repair of rhegmatogenous retinal detachment. British Journal of Ophthalmology, 2006, 90, 920-921.	3.9	2
81	Predictors of Visual Outcome and Choroidal Neovascular Membrane Formation After Traumatic Choroidal Rupture. JAMA Ophthalmology, 2006, 124, 957.	2.4	65
82	Activation of Signaling Pathways and Stress-Response Genes in an Experimental Model of Retinal Detachment. , 2006, 47, 1691.		68
83	COMBINED INTRAVITREAL INJECTION OF TRIAMCINOLONE ACETONIDE AND PANRETINAL PHOTOCOAGULATION FOR CONCOMITANT DIABETIC MACULAR EDEMA AND PROLIFERATIVE DIABETIC RETINOPATHY. Retina, 2005, 25, 135-140.	1.7	51
84	Effect of Intravitreal Triamcinolone Acetonide on Susceptibility to Experimental Bacterial Endophthalmitis and Subsequent Response to Treatment. JAMA Ophthalmology, 2005, 123, 649.	2.4	56
85	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
86	Retinal and Intracranial Arteriovenous Malformations: Wyburn-Mason Syndrome. Journal of Neuro-Ophthalmology, 2005, 25, 205-208.	0.8	34
87	Treatment of metastatic tumors of the choroid with proton beam irradiation. Ophthalmology, 2005, 112, 337-343.	5.2	93
88	Transretinal Pigment Migration: An Optical Coherence Tomographic Study. JAMA Ophthalmology, 2004, 122, 406.	2.4	18
89	FAS-Mediated Apoptosis and Its Relation to Intrinsic Pathway Activation in an Experimental Model of Retinal Detachment. , 2004, 45, 4563.		91
90	Retinal Angiomatous Proliferation. JAMA Ophthalmology, 2004, 122, 932.	2.4	19

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91	Neisseria meningitidis endophthalmitis. <i>Ophthalmology</i> , 2004, 111, 1432-1433.	5.2	6
92	Caspase Activation in an Experimental Model of Retinal Detachment. , 2003, 44, 1262.		113
93	Ultrasonography in the Traumatized Eye: Intraocular Foreign Body Versus Artifact. <i>International Ophthalmology Clinics</i> , 2002, 42, 121-128.	0.7	8
94	Electroretinograms as an indicator of disease activity in birdshot retinochoroidopathy. , 2002, 240, 601-607.		67
95	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
96	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
97	Maculopathies That Resemble Optic Neuropathies. <i>International Ophthalmology Clinics</i> , 2001, 41, 61-71.	0.7	3
98	Choroidopathy of systemic lupus erythematosus. <i>Lupus</i> , 2000, 9, 288-298.	1.6	116
99	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
100	Microbial sensory rhodopsins. <i>Biomembranes: A Multi-Volume Treatise</i> , 1996, , 199-226.	0.1	0
101	Microbial Sensory Rhodopsins: Photochemistry and Function. <i>Israel Journal of Chemistry</i> , 1995, 35, 495-513.	2.3	40
102	Gain setting in <i>Chlamydomonas reinhardtii</i> : Mechanism of phototaxis and the role of the photophobic response. <i>Cytoskeleton</i> , 1994, 29, 225-230.	4.4	17
103	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
104	Retinal analog restoration of photophobic responses in a blind <i>Chlamydomonas reinhardtii</i> mutant. Evidence for an archaeobacterial like chromophore in a eukaryotic rhodopsin. <i>Biophysical Journal</i> , 1991, 60, 1490-1498.	0.5	79