

# Masaru Takeuchi

## List of Publications by Year in descending order

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86  
papers

2,040  
citations

331670

21  
h-index

289244

40  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2362  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2009 prospective multi-center epidemiologic survey of uveitis in Japan. Japanese Journal of Ophthalmology, 2012, 56, 432-435.	1.9	173
2	Use of a Comprehensive Polymerase Chain Reaction System for Diagnosis of Ocular Infectious Diseases. Ophthalmology, 2013, 120, 1761-1768.	5.2	130
3	On the mechanisms by which transforming growth factor- $\beta$ 2 alters antigen-presenting abilities of macrophages on T cell activation. European Journal of Immunology, 1997, 27, 1648-1656.	2.9	128
4	Evaluation of the Long-Term Efficacy and Safety of Infliximab Treatment for Uveitis in Behçet's Disease. Ophthalmology, 2014, 121, 1877-1884.	5.2	103
5	The eye's view of antigen presentation. Human Immunology, 2002, 63, 435-443.	2.4	101
6	Changes in subfoveal choroidal thickness associated with uveitis activity in patients with Behçet's disease. British Journal of Ophthalmology, 2014, 98, 1508-1513.	3.9	92
7	Risk and prognostic factors of poor visual outcome in Behcet's disease with ocular involvement. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 1147-1152.	1.9	76
8	Elevated Levels of Cytokines Associated with Th2 and Th17 Cells in Vitreous Fluid of Proliferative Diabetic Retinopathy Patients. PLoS ONE, 2015, 10, e0137358.	2.5	66
9	Best surgical technique and outcomes for large macular holes: retrospective multicentre study in Japan. Acta Ophthalmologica, 2018, 96, e904-e910.	1.1	61
10	Intraocular inflammatory cytokines in patients with neovascular age-related macular degeneration before and after initiation of intravitreal injection of anti-VEGF inhibitor. Scientific Reports, 2018, 8, 1098.	3.3	55
11	Acquisition of T Regulatory Function in Cathepsin L-Inhibited T Cells by Eye-Derived CTLA-2 $\beta$ during Inflammatory Conditions. Journal of Immunology, 2009, 183, 5013-5022.	0.8	54
12	PROFILE OF INTRAOCULAR IMMUNE MEDIATORS IN PATIENTS WITH AGE-RELATED MACULAR DEGENERATION AND THE EFFECT OF INTRAVITREAL BEVACIZUMAB INJECTION. Retina, 2014, 34, 1811-1818.	1.7	48
13	Treatment of Irradiated Mice with High-Dose Ascorbic Acid Reduced Lethality. PLoS ONE, 2015, 10, e0117020.	2.5	45
14	Residual triamcinolone acetonide in the macular hole after vitrectomy. American Journal of Ophthalmology, 2003, 136, 1174-1176.	3.3	38
15	Elevated Serum Levels of CXCL9/Monokine Induced by Interferon- $\gamma$ and CXCL10/Interferon- $\gamma$ -Inducible Protein-10 in Ocular Sarcoidosis. , 2006, 47, 1063.		34
16	Immune Responses to Interphotoreceptor Retinoid-Binding Protein and S-Antigen in Behçet's Patients with Uveitis. , 2010, 51, 3067.		34
17	Prevalence and aetiology of ocular hypertension in acute and chronic uveitis. British Journal of Ophthalmology, 2014, 98, 932-936.	3.9	34
18	Clinical preferences and trends of anti-vascular endothelial growth factor treatments for diabetic macular edema in Japan. Journal of Diabetes Investigation, 2019, 10, 475-483.	2.4	33

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19	Induction of Eye-Derived Tolerance Does Not Depend on Naturally Occurring CD4+CD25+T Regulatory Cells. , 2006, 47, 1047.		32
20	Scleral buckling versus vitrectomy for young japanese patients with rhegmatogenous retinal detachment in the era of microincision surgery: real-world evidence from a multicentre study in Japan. Acta Ophthalmologica, 2019, 97, e736-e741.	1.1	31
21	Association between aqueous humor and vitreous fluid levels of Th17 cell-related cytokines in patients with proliferative diabetic retinopathy. PLoS ONE, 2017, 12, e0178230.	2.5	31
22	Immune Responses to Retinal Self-Antigens in CD25+CD4+Regulatory T-Cell-Depleted Mice. , 2004, 45, 1879.		30
23	Precise, simplified diagnostic criteria and optimised management of initial-onset Vogt-Koyanagi-Harada disease: an updated review. Eye, 2022, 36, 29-43.	2.1	28
24	Functional and morphological changes in the eyes of Behçet's patients with uveitis. Acta Ophthalmologica, 2010, 88, 257-262.	1.1	27
25	Comprehensive expression patterns of inflammatory cytokines in aqueous humor of patients with neovascular age-related macular degeneration. Scientific Reports, 2019, 9, 19447.	3.3	25
26	Quantitative evaluation of corneal epithelial edema after cataract surgery using corneal densitometry: a prospective study. BMC Ophthalmology, 2018, 18, 334.	1.4	24
27	A systematic review of biologics for the treatment of noninfectious uveitis. Immunotherapy, 2013, 5, 91-102.	2.0	22
28	Evaluation of mouse experimental autoimmune uveoretinitis by spectral domain optical coherence tomography. British Journal of Ophthalmology, 2014, 98, 808-812.	3.9	22
29	Analysis of inflammatory mediators in the vitreous humor of eyes with pan-uveitis according to aetiological classification. Scientific Reports, 2020, 10, 2783.	3.3	21
30	Acute anterior uveitis after discontinuation of tocilizumab in a patient with rheumatoid arthritis. Clinical Ophthalmology, 2014, 8, 187.	1.8	16
31	Analysis of Th Cell-related Cytokine Production in Behçet Disease Patients with Uveitis Before and After Infliximab Treatment. Ocular Immunology and Inflammation, 2017, 25, 52-61.	1.8	16
32	Association of High-Mobility Group Box-1 With Th Cell-Related Cytokines in the Vitreous of Ocular Sarcoidosis Patients. , 2017, 58, 528.		16
33	Bilateral idiopathic retinal vasculitis following coxsackievirus A4 infection: a case report. BMC Ophthalmology, 2017, 17, 128.	1.4	16
34	Efficacy of Adalimumab for Chronic Vogt-Koyanagi-Harada Disease Refractory to Conventional Corticosteroids and Immunosuppressive Therapy and Complicated by Central Serous Chorioretinopathy. Ocular Immunology and Inflammation, 2020, 28, 509-512.	1.8	16
35	Peritoneal Exudate Cells Treated with Calcitonin Gene-Related Peptide Suppress Murine Experimental Autoimmune Uveoretinitis via IL-10. Journal of Immunology, 2004, 173, 1454-1462.	0.8	15
36	Phototoxicity of Indocyanine Green and Brilliant Blue G under Continuous Fluorescent Illumination on Cultured Human Retinal Pigment Epithelial Cells. , 2012, 53, 7389.		15

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37	The combination of strip meniscometry and dry eye-related quality-of-life score is useful for dry eye screening during health checkup. <i>Medicine (United States)</i> , 2018, 97, e12969.	1.0	15
38	A Case of Acute Retinal Necrosis Associated with Reactivation of Varicella Zoster Virus after COVID-19 Vaccination. <i>Ocular Immunology and Inflammation</i> , 2023, 31, 233-235.	1.8	15
39	Risk Factors of Neovascular Glaucoma After 25-gauge Vitrectomy for Proliferative Diabetic Retinopathy with Vitreous Hemorrhage: A Retrospective Multicenter Study. <i>Scientific Reports</i> , 2019, 9, 14858.	3.3	14
40	Outcomes of 25-Gauge Vitrectomy for Tractional and Nontractional Diabetic Macular Edema with Proliferative Diabetic Retinopathy. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-9.	1.3	14
41	Non-aspiration technique to induce posterior vitreous detachment in minimum incision vitrectomy system. <i>British Journal of Ophthalmology</i> , 2012, 96, 1378-1379.	3.9	13
42	Hypotensive Effect of Latanoprost/Timolol Versus Travoprost/Timolol Fixed Combinations in NTG Patients: A Randomized, Multicenter, Crossover Clinical Trial. , 2013, 54, 6242.		13
43	Comparison of intraocular pressure-lowering effects of ripasudil hydrochloride hydrate for inflammatory and corticosteroid-induced ocular hypertension. <i>PLoS ONE</i> , 2017, 12, e0185305.	2.5	13
44	Ocular Behçet's disease is less complicated with allergic disorders. A nationwide survey in Japan. <i>Clinical and Experimental Rheumatology</i> , 2016, 34, 111-114.	0.8	13
45	Microglia increase tight-junction permeability in coordination with M $\phi$ ller cells under hypoxic condition in an in vitro model of inner blood-retinal barrier. <i>Experimental Eye Research</i> , 2021, 205, 108490.	2.6	12
46	Evaluation of Microincision Vitrectomy Surgery Using Wide-Viewing System for Complications With Ocular Sarcoidosis. <i>Medicine (United States)</i> , 2015, 94, e559.	1.0	11
47	Real-world evidence of treatment for relapse of noninfectious uveitis in tertiary centers in Japan. <i>Medicine (United States)</i> , 2019, 98, e14668.	1.0	11
48	Incidence of endophthalmitis after intravitreal injection of an anti-VEGF agent with or without topical antibiotics. <i>Scientific Reports</i> , 2020, 10, 22122.	3.3	11
49	Evaluation of Efficacy and Safety of Latanoprost/Timolol versus Travoprost/Timolol Fixed Combinations for Ocular Hypertension Associated with Uveitis. <i>Ocular Immunology and Inflammation</i> , 2017, 25, 105-110.	1.8	10
50	Retinal changes in mice spontaneously developing diabetes by Th17-cell deviation. <i>Experimental Eye Research</i> , 2020, 198, 108155.	2.6	10
51	Vogt-Koyanagi-Harada disease: the step-by-step approach to a better understanding of clinicopathology, immunopathology, diagnosis, and management: a brief review. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2022, 12, 17.	2.2	10
52	Age-related differences in the clinical features of ocular sarcoidosis. <i>PLoS ONE</i> , 2018, 13, e0202585.	2.5	9
53	Identification of Underlying Inflammation in Vogt-Koyanagi-Harada Disease with Sunset Glow Fundus by Multiple Analyses. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	1.3	9
54	Genetic control of CCL24, POR, and IL23R contributes to the pathogenesis of sarcoidosis. <i>Communications Biology</i> , 2020, 3, 465.	4.4	9

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55	Reconstitution of disrupted photoreceptor layer in uveitis associated with Behçet's disease by infliximab treatment. BMC Ophthalmology, 2015, 15, 177.	1.4	8
56	Potential Phototoxicity of Indocyanine Green in Retinal Pigment Epithelial Cells after Angiography under Ambient Illumination. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	8
57	Protective effects of dexamethasone on hypoxia-induced retinal edema in a mouse model. Experimental Eye Research, 2019, 178, 82-90.	2.6	8
58	Viral Loads in Ocular Fluids of Acute Retinal Necrosis Eyes Infected by Varicella-Zoster Virus Treated with Intravenous Acyclovir Treatment. Journal of Clinical Medicine, 2020, 9, 1204.	2.4	8
59	Inflammatory Factors of Macular Atrophy in Eyes With Neovascular Age-Related Macular Degeneration Treated With Aflibercept. Frontiers in Immunology, 2021, 12, 738521.	4.8	8
60	Prognostic factors of vitrectomy for complications in eyes with proliferative diabetic retinopathy: a retrospective multicentre study. Acta Ophthalmologica, 2020, 98, e434-e439.	1.1	7
61	Osteopontin-induced vascular hyperpermeability through tight junction disruption in diabetic retina. Experimental Eye Research, 2022, 220, 109094.	2.6	7
62	Programmed Cell Death-1 Pathway Deficiency Enhances Autoimmunity Leading to Dacryoadenitis of Mice. American Journal of Pathology, 2021, 191, 1077-1093.	3.8	6
63	Human U90926 orthologous long non-coding RNA as a novel biomarker for visual prognosis in herpes simplex virus type-1 induced acute retinal necrosis. Scientific Reports, 2021, 11, 12164.	3.3	6
64	Circulating Vitreous microRNA as Possible Biomarker in High Myopic Eyes with Macular Hole. International Journal of Molecular Sciences, 2022, 23, 3647.	4.1	6
65	Anti-VEGF therapy for central retinal vein occlusion caused by tuberculosis-associated uveitis: a case report. International Medical Case Reports Journal, 2017, Volume 10, 139-141.	0.8	5
66	Topical Corticosteroid-Resolved Rubeosis Iridis with Neovascular Glaucoma Caused by Noninfectious Granulomatous Uveitis. Case Reports in Ophthalmology, 2018, 9, 243-247.	0.7	5
67	Possibility of inducing anterior chamber-associated immune deviation by TGF- $\beta$ 2 treatment of monocytes isolated from Behcet's patients. Experimental Eye Research, 2006, 83, 981-988.	2.6	4
68	Treatment of Symptomatic Vitreous Opacities with Pharmacologic Vitreolysis Using a Mixture of Bromelain, Papain and Ficin Supplement. Applied Sciences (Switzerland), 2020, 10, 5901.	2.5	4
69	Ten-year changes in visual acuity at baseline and at 2 years after treatment in a Japanese population with age-related macular degeneration. Graefes Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1191-1198.	1.9	4
70	Clinical Characteristics and Outcomes in 314 Japanese Patients with Bacterial Endophthalmitis: A Multicenter Cohort Study from J-CREST. Pathogens, 2021, 10, 390.	2.8	4
71	Chronic postcataract endophthalmitis caused by <i>Penicillium</i> species in an immunocompetent patient. International Medical Case Reports Journal, 2018, Volume 11, 259-262.	0.8	3
72	Profiles of Cytokines Secreted by ARPE-19 Cells Exposed to Light and Incubated with Anti-VEGF Antibody. Biomedicines, 2021, 9, 1333.	3.2	3

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73	Efficacy and Safety of Adalimumab for Exacerbation or Relapse of Ocular Inflammation in Patients with Vogt-Koyanagi-Harada Disease: A Multicenter Study. Ocular Immunology and Inflammation, 0, , 1-9.	1.8	3
74	A possible case of pseudoxanthoma elasticum (PXE) with histopathological features of PXE-like papillary dermal elastolysis. Journal of Dermatology, 2021, 48, e265-e266.	1.2	2
75	Potential bias of preoperative intravitreal anti-VEGF injection for complications of proliferative diabetic retinopathy. PLoS ONE, 2021, 16, e0258415.	2.5	2
76	Growth factor dependence of the proliferation and survival of cultured lacrimal gland epithelial cells isolated from late-embryonic mice. Development Growth and Differentiation, 2022, , .	1.5	2
77	Immune tolerance and autoimmune uveoretinitis: the role of the ocular microenvironment. Immunotherapy, 2011, 3, 1103-1111.	2.0	1
78	Associations between <em>CRYBA4</em> gene variants and high myopia in a Japanese population. Clinical Ophthalmology, 2017, Volume 11, 2151-2156.	1.8	1
79	Development of Acute Retinal Necrosis in a Patient with Ocular Sarcoidosis: A Case Report. Ocular Immunology and Inflammation, 2019, 27, 1067-1070.	1.8	1
80	Chronic chorioretinal detachment under normal intraocular pressure in eye with uveitic glaucoma after trabeculectomy. Medicine (United States), 2020, 99, e18652.	1.0	1
81	Cytomegalovirus Retinitis with Hypopyon Similar to Bacterial Endophthalmitis in a Patient with non-Hodgkin's Lymphoma. Ocular Immunology and Inflammation, 2021, , 1-2.	1.8	1
82	Sub internal limiting membrane hemorrhage followed by bilateral optic disc hemorrhage in Kikuchi-Fujimoto disease: a case report. BMC Ophthalmology, 2021, 21, 355.	1.4	1
83	Varicella zoster virus-associated anterior uveitis in a seronegative adult without a history of chickenpox. Clinical Ophthalmology, 2015, 9, 399.	1.8	0
84	<p>A Case of Meningeal Carcinomatosis Due to Signet-Ring Cell Carcinoma That Developed Severe Visual Impairment with Papillary Swelling</p>. International Medical Case Reports Journal, 2020, Volume 13, 153-158.	0.8	0
85	Long-term follow-up of a case of amyloidosis-associated chorioretinopathy. American Journal of Ophthalmology Case Reports, 2020, 19, 100846.	0.7	0
86	Background Factors Affecting Visual Acuity at Initial Visit in Eyes with Central Retinal Vein Occlusion: Multicenter Study in Japan. Journal of Clinical Medicine, 2021, 10, 5619.	2.4	0