

# Pedro De La Villa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2325754/publications.pdf>

Version: 2024-02-01

192  
papers

5,635  
citations

116194

36  
h-index

139680

61  
g-index

203  
all docs

203  
docs citations

203  
times ranked

10169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a school-based karate intervention on academic achievement, psychosocial functioning, and physical fitness: A multi-country cluster randomized controlled trial. <i>Journal of Sport and Health Science</i> , 2024, 13, 90-98.	3.3	10
2	Joint association of physical activity and body mass index with cardiovascular risk: a nationwide population-based cross-sectional study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e50-e52.	0.8	22
3	Validity, Reliability, and Sensitivity to Exercise-Induced Fatigue of a Customer-Friendly Device for the Measurement of the Brain's Direct Current Potential. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1605-1609.	1.0	7
4	Insulin receptor activation by proinsulin preserves synapses and vision in retinitis pigmentosa. <i>Cell Death and Disease</i> , 2022, 13, 383.	2.7	4
5	Tools and Biomarkers for the Study of Retinal Ganglion Cell Degeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4287.	1.8	4
6	Ischemic Preconditioning and Muscle Force Capabilities. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2187-2192.	1.0	6
7	Physical activity, sports and risk of atrial fibrillation: umbrella review of meta-analyses. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e11-e16.	0.8	6
8	Sinus bradycardia in paediatric athletes. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1142-1144.	0.8	1
9	Effects of Beef Protein Supplementation in Male Elite Triathletes: A Randomized, Controlled, Double-Blind, Cross-Over Study. <i>Journal of the American College of Nutrition</i> , 2021, 40, 53-60.	1.1	3
10	Effects of a Tailored Exercise Intervention in Acutely Hospitalized Oldest Old Diabetic Adults: An Ancillary Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e899-e906.	1.8	14
11	Physical exercise and epicardial adipose tissue: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2021, 22, e13103.	3.1	24
12	Absence of Râ€Ras1 and Râ€Ras2 causes mitochondrial alterations that trigger axonal degeneration in a hypomyelinating disease model. <i>Glia</i> , 2021, 69, 619-637.	2.5	6
13	Lifestyle interventions for the prevention and treatment of hypertension. <i>Nature Reviews Cardiology</i> , 2021, 18, 251-275.	6.1	128
14	Perspective: Ketone Supplementation in Sportsâ€”Does It Work?. <i>Advances in Nutrition</i> , 2021, 12, 305-315.	2.9	9
15	HDAC inhibition ameliorates cone survival in retinitis pigmentosa mice. <i>Cell Death and Differentiation</i> , 2021, 28, 1317-1332.	5.0	22
16	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie</i> , 2021, 133, 3669-3675.	1.6	5
17	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3625-3631.	7.2	29
18	The â€œFat but Fitâ€”paradox in the academic context: relationship between physical fitness and weight status with adolescentsâ€™ academic achievement. <i>International Journal of Obesity</i> , 2021, 45, 95-98.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Traditional Versus Velocity-Based Resistance Training in Competitive Female Cyclists: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2021, 12, 586113.	1.3	15
20	Soluble fms-like tyrosine kinase-1: a potential early predictor of respiratory failure in COVID-19 patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e289-e292.	1.4	4
21	Exercise Benefits Meet Cancer Immunosurveillance: Implications for Immunotherapy. <i>Trends in Cancer</i> , 2021, 7, 91-93.	3.8	12
22	Response to Letter to the Editor. <i>Obesity Reviews</i> , 2021, 22, e13253.	3.1	0
23	Visual Disfunction due to the Selective Effect of Glutamate Agonists on Retinal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6245.	1.8	9
24	Effects of an Injury Prevention Program in CrossFit Athletes: A Pilot Randomized Controlled Trial. <i>International Journal of Sports Medicine</i> , 2021, , .	0.8	1
25	Tlr2 Gene Deletion Delays Retinal Degeneration in Two Genetically Distinct Mouse Models of Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7815.	1.8	9
26	Exercise Reduces Medication for Metabolic Syndrome Management: A 5-Year Follow-up Study. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1319-1325.	0.2	4
27	Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. <i>Ageing Research Reviews</i> , 2021, 69, 101346.	5.0	74
28	Unsupervised home-based resistance training for community-dwelling older adults: A systematic review and meta-analysis of randomized controlled trials. <i>Ageing Research Reviews</i> , 2021, 69, 101368.	5.0	39
29	Anti-Inflammatory Action of Dietary Wild Olive (Acebuché) Oil in the Retina of Hypertensive Mice. <i>Foods</i> , 2021, 10, 1993.	1.9	6
30	Ocular Asymmetry in Electrooculographic Responses. <i>Symmetry</i> , 2021, 13, 1809.	1.1	1
31	Exercise interventions in Alzheimer's disease: A systematic review and meta-analysis of randomized controlled trials. <i>Ageing Research Reviews</i> , 2021, 72, 101479.	5.0	48
32	Effects of physical exercise on plasma brain-derived neurotrophic factor in neurodegenerative disorders: A systematic review and meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 394-405.	2.9	63
33	Multifocal Visual Evoked Potentials (mfVEP) for the Detection of Visual Field Defects in Glaucoma: Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4165.	1.0	2
34	Association between physical activity and cardiovascular risk factors: Dose and sex matter. <i>Journal of Sport and Health Science</i> , 2021, 10, 604-606.	3.3	11
35	Performance and reference data in the jump squat at different relative loads in elite sprinters, rugby players, and soccer players. <i>Biology of Sport</i> , 2021, 38, 219-227.	1.7	12
36	Neuroprotection and Axonal Regeneration Induced by Bone Marrow Mesenchymal Stromal Cells Depend on the Type of Transplant. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 772223.	1.8	9

#	ARTICLE	IF	CITATIONS
37	Enhanced External Counterpulsation and Recovery From a Plyometric Exercise Bout. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, 416-419.	0.9	7
38	Validity of a novel device for real-time analysis of cyclistsâ€™ drag area. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 421-425.	0.6	6
39	Inhospital exercise benefits in childhood cancer: A prospective cohort study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 126-134.	1.3	33
40	Infographic. Effectiveness of multicomponent lower extremity injury prevention programmes in team-sport athletes: an umbrella review. <i>British Journal of Sports Medicine</i> , 2020, 54, 815-816.	3.1	17
41	Lifelong Endurance Exercise as a Countermeasure Against Age-Related $\dot{V}_{O_2}$ Decline: Physiological Overview and Insights from Masters Athletes. <i>Sports Medicine</i> , 2020, 50, 703-716.	3.1	35
42	Infographic. How does exercise treatment compare with antihypertensive medications?. <i>British Journal of Sports Medicine</i> , 2020, 54, 746-747.	3.1	1
43	Neuromodulation of the prefrontal cortex facilitates diet-induced weight loss in midlife women: a randomized, proof-of-concept clinical trial. <i>International Journal of Obesity</i> , 2020, 44, 568-578.	1.6	13
44	Inhibition of MicroRNA 6937 Delays Photoreceptor and Vision Loss in a Mouse Model of Retinitis Pigmentosa. <i>Pharmaceutics</i> , 2020, 12, 913.	2.0	8
45	The Value of Mouse Models of Rare Diseases: A Spanish Experience. <i>Frontiers in Genetics</i> , 2020, 11, 583932.	1.1	12
46	Tailored Exercise during Hematopoietic Stem Cell Transplantation Hospitalization in Children with Cancer: A Prospective Cohort Study. <i>Cancers</i> , 2020, 12, 3020.	1.7	7
47	Nr2e3 functional domain ablation by CRISPR-Cas9D10A identifies a new isoform and generates retinitis pigmentosa and enhanced S-cone syndrome models. <i>Neurobiology of Disease</i> , 2020, 146, 105122.	2.1	9
48	Update on the Acute Effects of Ketone Supplements in Athletes. <i>Advances in Nutrition</i> , 2020, 11, 1050-1051.	2.9	2
49	A New <i>Cerkl</i> Mouse Model Generated by CRISPR-Cas9 Shows Progressive Retinal Degeneration and Altered Morphological and Electrophysiological Phenotype. , 2020, 61, 14.		16
50	Young athletes' ECG: Incomplete right bundle branch block vs <i>crista supraventricularis</i> pattern. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1992-1998.	1.3	5
51	Slackline Training in Children with Spastic Cerebral Palsy: A Randomized Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8649.	1.2	8
52	Functional and morphological alterations in a glaucoma model of acute ocular hypertension. <i>Progress in Brain Research</i> , 2020, 256, 1-29.	0.9	24
53	Time to Exhaustion at the Respiratory Compensation Point in Recreational Cyclists. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6352.	1.2	6
54	The â€œV1 continuumâ€ in the athletesâ€™ ECG. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2277-2278.	1.3	0

#	ARTICLE	IF	CITATIONS
55	Exercise Training and Neurodegeneration in Mitochondrial Disorders: Insights From the Harlequin Mouse. <i>Frontiers in Physiology</i> , 2020, 11, 594223.	1.3	4
56	&lt;p&gt;Isometric Strength Measures are Superior to the Timed Up and Go Test for Fall Prediction in Older Adults: Results from a Prospective Cohort Study&lt;/p&gt;. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 2001-2008.	1.3	10
57	Interindividual Variation in Cardiorespiratory Fitness: A Candidate Gene Study in Han Chinese People. <i>Genes</i> , 2020, 11, 555.	1.0	9
58	Coronavirus Lockdown: Forced Inactivity for the Oldest Old?. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 988-989.	1.2	23
59	Physiological Predictors of Competition Performance in CrossFit Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3699.	1.2	19
60	Exercise benefits on Alzheimer&rsquo;s disease: State-of-the-science. <i>Ageing Research Reviews</i> , 2020, 62, 101108.	5.0	153
61	Reference power values for the jump squat exercise in elite athletes: A multicenter study. <i>Journal of Sports Sciences</i> , 2020, 38, 2273-2278.	1.0	10
62	Individual Responsiveness to Physical Exercise Intervention in Acutely Hospitalized Older Adults. <i>Journal of Clinical Medicine</i> , 2020, 9, 797.	1.0	12
63	Deleterious Effect of NMDA Plus Kainate on the Inner Retinal Cells and Ganglion Cell Projection of the Mouse. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1570.	1.8	15
64	Tailored exercise is safe and beneficial for acutely hospitalised older adults with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2020, 56, 2001048.	3.1	11
65	Concurrent Exercise Interventions in Breast Cancer Survivors with Cancer-related Fatigue. <i>International Journal of Sports Medicine</i> , 2020, 41, 790-797.	0.8	14
66	Exercise Interventions and Cardiovascular Health in Childhood Cancer: A Meta-analysis. <i>International Journal of Sports Medicine</i> , 2020, 41, 141-153.	0.8	29
67	What are the effects of exercise training in childhood cancer survivors? A systematic review. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 115-125.	2.7	15
68	Effect of a Simple Exercise Program on Hospitalization-Associated Disability in Older Patients: A Randomized Controlled Trial. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 531-537.e1.	1.2	36
69	CCAP neuronal calcium sensor proteins mediate photoreceptor cell death in the rd3 mouse model of LCA12 congenital blindness by involving endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2020, 11, 62.	2.7	9
70	Physical exercise effects on metastasis: a systematic review and meta-analysis in animal cancer models. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 91-114.	2.7	5
71	Pelvic floor and abdominal muscle responses during hypopressive exercises in women with pelvic floor dysfunction. <i>Neurourology and Urodynamics</i> , 2020, 39, 793-803.	0.8	20
72	Muscling in on Resistant Hypertension. <i>Circulation</i> , 2020, 141, 240-242.	1.6	1

#	ARTICLE	IF	CITATIONS
73	Gestational Exercise and Maternal and Child Health: Effects until Delivery and at Post-Natal Follow-up. <i>Journal of Clinical Medicine</i> , 2020, 9, 379.	1.0	26
74	Intradialytic neuromuscular electrical stimulation improves functional capacity and muscle strength in people receiving haemodialysis: a systematic review. <i>Journal of Physiotherapy</i> , 2020, 66, 89-96.	0.7	10
75	Effects of exercise interventions on the functional status of acutely hospitalised older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2020, 61, 101076.	5.0	56
76	Commentaries on Viewpoint: Physiology and fast marathons. <i>Journal of Applied Physiology</i> , 2020, 128, 1069-1085.	1.2	12
77	Obesity-associated poor muscle quality: prevalence and association with age, sex, and body mass index. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 200.	0.8	33
78	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.	2.2	201
79	Safety and Effectiveness of Long-Term Exercise Interventions in Older Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 1095-1106.	3.1	91
80	Early mobilization in hospitalized patients with COVID-19. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 384-385.	1.1	11
81	Functional Threshold Power: Relationship With Respiratory Compensation Point and Effects of Various Warm-Up Protocols. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1047-1051.	1.1	8
82	Can routine laboratory variables predict survival in COVID-19? An artificial neural network-based approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, e299-e302.	1.4	8
83	Successful aging: insights from proteome analyses of healthy centenarians. <i>Ageing</i> , 2020, 12, 3502-3515.	1.4	31
84	Post-translational regulation of retinal IMPDH1 in vivo to adjust GTP synthesis to illumination conditions. <i>ELife</i> , 2020, 9, .	2.8	35
85	Enhancement of Mood but not Performance in Elite Athletes With Transcranial Direct-Current Stimulation. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 310-316.	1.1	31
86	Physical Exercise and Mitochondrial Disease: Insights From a Mouse Model. <i>Frontiers in Neurology</i> , 2019, 10, 790.	1.1	15
87	Full-Squat as a Determinant of Performance in CrossFit. <i>International Journal of Sports Medicine</i> , 2019, 40, 592-596.	0.8	21
88	A Chronic Ocular-Hypertensive Rat Model induced by Injection of the Sclerosant Agent Polidocanol in the Aqueous Humor Outflow Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3209.	1.8	8
89	Systematic Review and Meta-Analysis of Randomized, Controlled Trials on Preoperative Physical Exercise Interventions in Patients with Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2019, 11, 944.	1.7	88
90	The sub 6-h project. <i>Age and Ageing</i> , 2019, 48, 928-929.	0.7	0

#	ARTICLE	IF	CITATIONS
91	Physical Exercise in the Oldest Old. , 2019, 9, 1281-1304.		79
92	Caffeine Supplementation Improves Anaerobic Performance and Neuromuscular Efficiency and Fatigue in Olympic-Level Boxers. <i>Nutrients</i> , 2019, 11, 2120.	1.7	38
93	Commentaries on Viewpoint: Distinct modalities of eccentric exercise: different recipes, not the same dish. <i>Journal of Applied Physiology</i> , 2019, 127, 884-891.	1.2	10
94	Does Beef Protein Supplementation Improve Body Composition and Exercise Performance? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2019, 11, 1429.	1.7	23
95	Passive Strategies for the Prevention of Muscle Wasting During Recovery from Sports Injuries. <i>Journal of Science in Sport and Exercise</i> , 2019, 1, 13-19.	0.4	2
96	Myokine/Adipokine Response to "Aerobic" Exercise: Is It Just a Matter of Exercise Load?. <i>Frontiers in Physiology</i> , 2019, 10, 691.	1.3	39
97	Athletic "Oldest-Old" Alive and Kicking. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 949-951.	1.2	2
98	Potential role of P2X7 receptor in neurodegenerative processes in a murine model of glaucoma. <i>Brain Research Bulletin</i> , 2019, 150, 61-74.	1.4	25
99	Physical performance, plasma S-klotho, and all-cause mortality in elderly dialysis patients: A prospective cohort study. <i>Experimental Gerontology</i> , 2019, 122, 123-128.	1.2	25
100	Carbohydrate Availability and Physical Performance: Physiological Overview and Practical Recommendations. <i>Nutrients</i> , 2019, 11, 1084.	1.7	54
101	Physical exercise and Prader-Willi syndrome: A systematic review. <i>Clinical Endocrinology</i> , 2019, 90, 649-661.	1.2	21
102	Photobiomodulation in Parkinson's disease: A randomized controlled trial. <i>Brain Stimulation</i> , 2019, 12, 810-812.	0.7	30
103	Hypomorphic Expression of Pitx3 Disrupts Circadian Clocks and Prevents Metabolic Entrainment of Energy Expenditure. <i>Cell Reports</i> , 2019, 29, 3678-3692.e4.	2.9	20
104	Spinal Manipulative Therapy Effects in Autonomic Regulation and Exercise Performance in Recreational Healthy Athletes. <i>Spine</i> , 2019, 44, 609-614.	1.0	9
105	Preventing Alzheimer's Disease: Why Not Targeting the Muscle First?. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 101-102.	1.2	2
106	Comment on: "Assessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyography" <i>Sports Medicine</i> , 2019, 49, 973-975.	3.1	2
107	Implications on older women of age- and sex-related differences in activation patterns of shoulder muscles: A cross-sectional study. <i>Journal of Women and Aging</i> , 2019, 31, 492-512.	0.5	2
108	Potential of video games for the promotion of neuroadaptation to multifocal intraocular lenses: a narrative review. <i>International Journal of Ophthalmology</i> , 2019, 12, 1782-1787.	0.5	14

#	ARTICLE	IF	CITATIONS
109	Enhanced External Counterpulsation and Short-Term Recovery From High-Intensity Interval Training. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1100-1106.	1.1	9
110	Relationship between skeletal muscle contractile properties and power production capacity in female Olympic rugby players. <i>European Journal of Sport Science</i> , 2018, 18, 677-684.	1.4	17
111	Performance and physiological analysis of 500 km non-stop cycling: a case study. <i>Research in Sports Medicine</i> , 2018, 26, 222-229.	0.7	1
112	Modulation of GSK-3 provides cellular and functional neuroprotection in the rd10 mouse model of retinitis pigmentosa. <i>Molecular Neurodegeneration</i> , 2018, 13, 19.	4.4	28
113	Comment on: "Drinking Strategies: Planned Drinking versus Drinking to Thirst". <i>Sports Medicine</i> , 2018, 48, 2211-2213.	3.1	3
114	The evaluation of pelvic floor muscle strength in women with pelvic floor dysfunction: A reliability and correlation study. <i>Neurourology and Urodynamics</i> , 2018, 37, 269-277.	0.8	78
115	Relationship Between Dryland Strength and Swimming Performance: Pull-Up Mechanics as a Predictor of Swimming Speed. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1637-1642.	1.0	36
116	Myokine Response to High-Intensity Interval vs. Resistance Exercise: An Individual Approach. <i>Frontiers in Physiology</i> , 2018, 9, 1735.	1.3	45
117	Inhospital Exercise Training in Children With Cancer: Does It Work for All?. <i>Frontiers in Pediatrics</i> , 2018, 6, 404.	0.9	10
118	Free to breathe hard in the Tour de France. <i>Lancet, The</i> , 2018, 392, 1114-1115.	6.3	0
119	Should exceptional medical conditions be banned in sports?. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 687-688.	5.5	0
120	Exercise training in childhood cancer: A systematic review and meta-analysis of randomized controlled trials. <i>Cancer Treatment Reviews</i> , 2018, 70, 154-167.	3.4	71
121	Protective myoelectric activity at performing upper limb neurodynamic test 1 in breast cancer survivors. A cross-sectional observational study. <i>Musculoskeletal Science and Practice</i> , 2018, 36, 68-80.	0.6	8
122	Centenarians breaking records: nature or nurture?. <i>Age and Ageing</i> , 2018, 47, 761-762.	0.7	2
123	Intradialytic Exercise: One Size Doesn't Fit All. <i>Frontiers in Physiology</i> , 2018, 9, 844.	1.3	21
124	mHealth and Aging. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 810-811.	1.2	3
125	Physical strategies to prevent disuse-induced functional decline in the elderly. <i>Ageing Research Reviews</i> , 2018, 47, 80-88.	5.0	50
126	Is the Functional Threshold Power a Valid Surrogate of the Lactate Threshold?. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1293-1298.	1.1	33



#	ARTICLE	IF	CITATIONS
127	Impairment of photoreceptor ribbon synapses in a novel Pomt1 conditional knockout mouse model of dystroglycanopathy. <i>Scientific Reports</i> , 2018, 8, 8543.	1.6	13
128	Removal of the blue component of light significantly decreases retinal damage after high intensity exposure. <i>PLoS ONE</i> , 2018, 13, e0194218.	1.1	67
129	SOX2 haploinsufficiency promotes impaired vision at advanced age. <i>Oncotarget</i> , 2018, 9, 36684-36692.	0.8	2
130	The S1P1 receptor-selective agonist CYM-5442 protects retinal ganglion cells in endothelin-1 induced retinal ganglion cell loss. <i>Experimental Eye Research</i> , 2017, 164, 37-45.	1.2	15
131	Effect of leg dominance, gender and age on sensory responses to structural differentiation of straight leg raise test in asymptomatic subjects: a cross-sectional study. <i>Journal of Manual and Manipulative Therapy</i> , 2017, 25, 91-97.	0.7	9
132	The effect of high-frequency neuromuscular electrical stimulation training on skeletal muscle properties in mice. <i>Archives of Biological Sciences</i> , 2017, 69, 391-397.	0.2	2
133	Intravitreal Injection of Proinsulin-Loaded Microspheres Delays Photoreceptor Cell Death and Vision Loss in the <i>rd10</i> Mouse Model of Retinitis Pigmentosa. , 2016, 57, 3610.		24
134	Optical control of endogenous receptors and cellular excitability using targeted covalent photoswitches. <i>Nature Communications</i> , 2016, 7, 12221.	5.8	50
135	Increased neuronal death and disturbed axonal growth in the <i>Polr1a</i> -deficient mouse embryonic retina. <i>Scientific Reports</i> , 2016, 6, 25928.	1.6	7
136	Modulation of microglia polarization dynamics during diabetic retinopathy in db / db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1663-1674.	1.8	80
137	RasGRF2 controls nuclear migration in postnatal retinal cone photoreceptors. <i>Journal of Cell Science</i> , 2016, 129, 729-42.	1.2	16
138	RASGRF2 controls nuclear migration in postnatal retinal cone photoreceptors. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	1.2	0
139	Deficient glucose and glutamine metabolism in knockout mice contributes to altered visual function. <i>Molecular Vision</i> , 2016, 22, 1198-1212.	1.1	9
140	Neuroprotective Effect of Tauroursodeoxycholic Acid on N-Methyl-D-Aspartate-Induced Retinal Ganglion Cell Degeneration. <i>PLoS ONE</i> , 2015, 10, e0137826.	1.1	29
141	Increased levels of extracellular ATP in glaucomatous retinas: Possible role of the vesicular nucleotide transporter during the development of the pathology. <i>Molecular Vision</i> , 2015, 21, 1060-70.	1.1	27
142	Cellular responses following retinal injuries and therapeutic approaches for neurodegenerative diseases. <i>Progress in Retinal and Eye Research</i> , 2014, 43, 17-75.	7.3	338
143	Megalencephalic leukoencephalopathy with subcortical cysts protein 1 regulates glial surface localization of GLIALCAM from fish to humans. <i>Human Molecular Genetics</i> , 2014, 23, 5069-5086.	1.4	34
144	Assessment of inner retina dysfunction and progressive ganglion cell loss in a mouse model of glaucoma. <i>Experimental Eye Research</i> , 2014, 122, 40-49.	1.2	64

#	ARTICLE	IF	CITATIONS
145	Balance between autophagic pathways preserves retinal homeostasis. <i>Aging Cell</i> , 2013, 12, 478-488.	3.0	169
146	Loss of Protein Tyrosine Phosphatase 1B Increases IGF-I Receptor Tyrosine Phosphorylation but Does Not Rescue Retinal Defects in IRS2-Deficient Mice. , 2013, 54, 4215.		11
147	Triplication of DYRK1A causes retinal structural and functional alterations in Down syndrome. <i>Human Molecular Genetics</i> , 2013, 22, 2775-2784.	1.4	56
148	Insulin-like Growth Factor I (IGF-I)-induced Chronic Gliosis and Retinal Stress Lead to Neurodegeneration in a Mouse Model of Retinopathy. <i>Journal of Biological Chemistry</i> , 2013, 288, 17631-17642.	1.6	20
149	Electroretinographical and histological study of mouse retina after optic nerve section: a comparison between wild-type and retinal degeneration 1 mice. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 593-602.	1.3	8
150	Proinsulin Slows Retinal Degeneration and Vision Loss in the P23H Rat Model of Retinitis Pigmentosa. <i>Human Gene Therapy</i> , 2012, 23, 1290-1300.	1.4	33
151	Targeted knockdown of Cerkl, a retinal dystrophy gene, causes mild affectation of the retinal ganglion cell layer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1258-1269.	1.8	27
152	Age-related functional and structural retinal modifications in the Igf1 <sup>+/+</sup> null mouse. <i>Neurobiology of Disease</i> , 2012, 46, 476-485.	2.1	35
153	Sortilin Participates in Light-dependent Photoreceptor Degeneration in Vivo. <i>PLoS ONE</i> , 2012, 7, e36243.	1.1	18
154	Overexpression of Guanylate Cyclase Activating Protein 2 in Rod Photoreceptors In Vivo Leads to Morphological Changes at the Synaptic Ribbon. <i>PLoS ONE</i> , 2012, 7, e42994.	1.1	14
155	The retina of the PCD/PCD mouse as a model of photoreceptor degeneration. A structural and functional study. <i>Experimental Eye Research</i> , 2011, 93, 607-617.	1.2	15
156	Intact rat superior mesenteric artery endothelium is an electrical syncytium and expresses strong inward rectifier K <sup>+</sup> conductance. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 501-507.	1.0	14
157	ERG changes in albino and pigmented mice after optic nerve transection. <i>Vision Research</i> , 2010, 50, 2176-2187.	0.7	54
158	Changes in the inner and outer retinal layers after acute increase of the intraocular pressure in adult albino Swiss mice. <i>Experimental Eye Research</i> , 2010, 91, 273-285.	1.2	84
159	Evaluation of functional integrity of the retinohypothalamic tract in advanced glaucoma using multifocal electroretinography and light-induced melatonin suppression. <i>Experimental Eye Research</i> , 2010, 91, 578-583.	1.2	46
160	Behavioral phenotype of malp1 null mice: increased anxiety-like behavior and spatial memory deficits. <i>Genes, Brain and Behavior</i> , 2009, 8, 772-784.	1.1	74
161	RasGRF1 disruption causes retinal photoreception defects and associated transcriptomic alterations. <i>Journal of Neurochemistry</i> , 2009, 110, 641-652.	2.1	40
162	Kainic acid intraocular injections during the postnatal critical period induce plastic changes in the visual system. <i>Neuroscience Research</i> , 2009, 63, 244-250.	1.0	2

#	ARTICLE	IF	CITATIONS
163	Short and long term axotomy-induced ERG changes in albino and pigmented rats. <i>Molecular Vision</i> , 2009, 15, 2373-83.	1.1	33
164	Functional and morphological effects of laser-induced ocular hypertension in retinas of adult albino Swiss mice. <i>Molecular Vision</i> , 2009, 15, 2578-98.	1.1	81
165	Functional and structural modifications during retinal degeneration in the rd10 mouse. <i>Neuroscience</i> , 2008, 155, 698-713.	1.1	179
166	The Protein Kinase DYRK1A Regulates Caspase-9-Mediated Apoptosis during Retina Development. <i>Developmental Cell</i> , 2008, 15, 841-853.	3.1	108
167	Attenuation of Vision Loss and Delay in Apoptosis of Photoreceptors Induced by Proinsulin in a Mouse Model of Retinitis Pigmentosa. , 2008, 49, 4188.		46
168	Morphological signs of apoptosis in axotomized ganglion cells of the rabbit retina. <i>Neuroscience</i> , 2007, 144, 898-910.	1.1	16
169	Neuroprotection of retinal ganglion cell function and their central nervous system targets. <i>Eye</i> , 2007, 21, S42-S45.	1.1	23
170	Ectopic expression of tyrosine hydroxylase in the pigmented epithelium rescues the retinal abnormalities and visual function common in albinos in the absence of melanin. <i>Journal of Neurochemistry</i> , 2006, 96, 1201-1211.	2.1	67
171	Proinsulin/insulin is synthesized locally and prevents caspase- and cathepsin-mediated cell death in the embryonic mouse retina. <i>Journal of Neurochemistry</i> , 2006, 99, 524-536.	2.1	48
172	CSP $\alpha$ -deficiency causes massive and rapid photoreceptor degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2926-2931.	3.3	80
173	Ischemia Results 3 Months Later in Altered ERG, Degeneration of Inner Layers, and Deafferented Tectum: Neuroprotection with Brimonidine. , 2005, 46, 3825.		68
174	Depolarizing effect of GABA in rod bipolar cells of the mouse retina. <i>Vision Research</i> , 2005, 45, 2659-2667.	0.7	37
175	Depolarizing effect of GABA in horizontal cells of the rabbit retina. <i>Neuroscience Research</i> , 2005, 53, 257-264.	1.0	10
176	Rabbit retinal ganglion cell survival after optic nerve section and its effect on the inner plexiform layer. <i>Experimental Eye Research</i> , 2004, 78, 95-102.	1.2	19
177	Morphometrical analysis of dendritic arborization in axotomized retinal ganglion cells. <i>European Journal of Neuroscience</i> , 2003, 18, 1103-1109.	1.2	10
178	Functional modifications in rod bipolar cells in a mouse model of retinitis pigmentosa. <i>Vision Research</i> , 2003, 43, 879-885.	0.7	63
179	Refractive Changes Induced by Form Deprivation in the Mouse Eye. , 2003, 44, 32.		116
180	Cholecystokinin-like immunoreactive amacrine cells in the rat retina. <i>Visual Neuroscience</i> , 2002, 19, 531-540.	0.5	9

#	ARTICLE	IF	CITATIONS
181	Down-regulation of Glutamate-induced Conductances of Retinal Horizontal Cells After Ganglion Cell Axotomy. <i>Experimental Eye Research</i> , 2002, 75, 209-216.	1.2	2
182	Calcium-permeable glutamate receptors in horizontal cells of the mammalian retina. <i>Visual Neuroscience</i> , 2001, 18, 995-1002.	0.5	14
183	Ionic current model of rabbit retinal horizontal cell. <i>Neuroscience Research</i> , 2000, 37, 141-151.	1.0	11
184	Ionotropic glutamate receptors in isolated horizontal cells of the rabbit retina. <i>European Journal of Neuroscience</i> , 1999, 11, 867-873.	1.2	33
185	Localisation of the GABAC receptors at the axon terminal of the rod bipolar cells of the mouse retina. <i>Neuroscience Research</i> , 1999, 35, 1-7.	1.0	25
186	Two types of calcium currents of the mouse bipolar cells recorded in the retinal slice preparation. <i>European Journal of Neuroscience</i> , 1998, 10, 317-323.	1.2	60
187	Quantitative measurement of protein kinase C immunoreactivity in rod bipolar cells of the goldfish retina. <i>Brain Research</i> , 1997, 773, 208-212.	1.1	10
188	Action potentials in axonless horizontal cells isolated from the rabbit retina. <i>Neuroscience Letters</i> , 1996, 203, 57-60.	1.0	11
189	The effects of GABA and glycine on horizontal cells of the rabbit retina. <i>Vision Research</i> , 1996, 36, 3987-3995.	0.7	34
190	Protein kinase C localization in the synaptic terminal of rod bipolar cells. <i>NeuroReport</i> , 1996, 7, 2176-2180.	0.6	29
191	L-glutamate-induced responses and cGMP-activated channels in three subtypes of retinal bipolar cells dissociated from the cat. <i>Journal of Neuroscience</i> , 1995, 15, 3571-3582.	1.7	147
192	A computer-driven optical system for light stimulation in physiological experiments on retinal cells (electrophysiological applications). <i>Measurement Science and Technology</i> , 1995, 6, 67-71.	1.4	1