# Renu A Kowluru

List of Publications by Year
in descending order



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|---|---|---|---|
| 132 papers | 11,011 citations | 30068 54 h-index | 45310 90 g-index |
| 136 all docs | 136 docs citations | 136 times ranked | 7803 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Oxidative Stress and Diabetic Retinopathy. Experimental Diabetes Research, 2007, 2007, 1-12. | 3.8 | 506 |
| 2 | Oxidative Damage in the Retinal Mitochondria of Diabetic Mice: Possible Protection by Superoxide Dismutase. , 2007, 48, 3805. | | 286 |
| 3 | Effects of curcumin on retinal oxidative stress and inflammation in diabetes. Nutrition and Metabolism, 2007, 4, 8. | 3.0 | 278 |
| 4 | Diabetes-Induced Mitochondrial Dysfunction in the Retina. , 2003, 44, 5327. | | 261 |
| 5 | Oxidative stress and diabetic retinopathy: Pathophysiological mechanisms and treatment perspectives. Reviews in Endocrine and Metabolic Disorders, 2008, 9, 315-327. | 5.7 | 253 |
| 6 | Effect of Reinstitution of Good Glycemic Control on Retinal Oxidative Stress and Nitrative Stress in Diabetic Rats. Diabetes, 2003, 52, 818-823. | 0.6 | 252 |
| 7 | Oxidative stress, mitochondrial damage and diabetic retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2474-2483. | 3.8 | 248 |
| 8 | Oxidative stress and epigenetic modifications in the pathogenesis of diabetic retinopathy. Progress in Retinal and Eye Research, 2015, 48, 40-61. | 15.5 | 245 |
| 9 | Diabetes-induced Activation of Nuclear Transcriptional Factor in the Retina, and its Inhibition by Antioxidants. Free Radical Research, 2003, 37, 1169-1180. | 3.3 | 242 |
| 10 | Effect of Long-Term Administration of Î±-Lipoic Acid on Retinal Capillary Cell Death and the Development of Retinopathy in Diabetic Rats. Diabetes, 2004, 53, 3233-3238. | 0.6 | 223 |
| 11 | Diabetic Retinopathy: Mitochondrial Dysfunction and Retinal Capillary Cell Death. Antioxidants and Redox Signaling, 2005, 7, 1581. | 5.4 | 218 |
| 12 | Role of interleukin-1Â in the pathogenesis of diabetic retinopathy. British Journal of Ophthalmology, 2004, 88, 1343-1347. | 3.9 | 210 |
| 13 | Overexpression of mitochondrial superoxide dismutase in mice protects the retina from diabetes-induced oxidative stress. Free Radical Biology and Medicine, 2006, 41, 1191-1196. | 2.9 | 203 |
| 14 | Retinal glutamate in diabetes and effect of antioxidants. Neurochemistry International, 2001, 38, 385-390. | 3.8 | 187 |
| 15 | Epigenetic Changes in Mitochondrial Superoxide Dismutase in the Retina and the Development of Diabetic Retinopathy. Diabetes, 2011, 60, 1304-1313. | 0.6 | 185 |
| 16 | Transcription Factor Nrf2-Mediated Antioxidant Defense System in the Development of Diabetic Retinopathy. , 2013, 54, 3941. | | 174 |
| 17 | Role of Mitochondrial Superoxide Dismutase in the Development of Diabetic Retinopathy. , 2006, 47, 1594. | | 163 |
| 18 | Abnormalities of Retinal Metabolism in Diabetes or Experimental Galactosemia. IV. Antioxidant Defense System. Free Radical Biology and Medicine, 1997, 22, 587-592. | 2.9 | 160 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Role of Interleukin-1Î² in the Development of Retinopathy in Rats: Effect of Antioxidants. , 2004, 45, 4161. | | 152 |
| 20 | Role of Mitochondrial DNA Damage in the Development of Diabetic Retinopathy, and the Metabolic Memory Phenomenon Associated with Its Progression. Antioxidants and Redox Signaling, 2010, 13, 797-805. | 5.4 | 152 |
| 21 | Role of histone acetylation in the development of diabetic retinopathy and the metabolic memory phenomenon. Journal of Cellular Biochemistry, 2010, 110, 1306-1313. | 2.6 | 144 |
| 22 | Matrix metalloproteinases in diabetic retinopathy: potential role of MMP-9. Expert Opinion on Investigational Drugs, 2012, 21, 797-805. | 4.1 | 140 |
| 23 | Diabetes-induced Activation of Caspase-3 in Retina: Effect of Antioxidant Therapy. Free Radical Research, 2002, 36, 993-999. | 3.3 | 134 |
| 24 | Abrogation of <i>MMP-9</i> Gene Protects Against the Development of Retinopathy in Diabetic Mice by Preventing Mitochondrial Damage. Diabetes, 2011, 60, 3023-3033. | 0.6 | 131 |
| 25 | Oxidative damage of mitochondrial DNA in diabetes and its protection by manganese superoxide dismutase. Free Radical Research, 2010, 44, 313-321. | 3.3 | 129 |
| 26 | Beneficial Effect of Zeaxanthin on Retinal Metabolic Abnormalities in Diabetic Rats. , 2008, 49, 1645. | | 125 |
| 27 | Mitochondrial biogenesis and the development of diabetic retinopathy. Free Radical Biology and Medicine, 2011, 51, 1849-1860. | 2.9 | 122 |
| 28 | Epigenetic Modification of Mitochondrial DNA in the Development of Diabetic Retinopathy. , 2015, 56, 5133. | | 122 |
| 29 | Epigenetic Modification of<i>Sod2</i>in the Development of Diabetic Retinopathy and in the Metabolic Memory: Role of Histone Methylation. , 2013, 54, 244. | | 119 |
| 30 | Regulation of Matrix Metalloproteinase-9 by Epigenetic Modifications and the Development of Diabetic Retinopathy. Diabetes, 2013, 62, 2559-2568. | 0.6 | 116 |
| 31 | TIAM1â€“RAC1 signalling axis-mediated activation of NADPH oxidase-2 initiates mitochondrial damage in the development of diabetic retinopathy. Diabetologia, 2014, 57, 1047-1056. | 6.3 | 114 |
| 32 | Sirt1, a Negative Regulator of Matrix Metalloproteinase-9 in Diabetic Retinopathy. , 2014, 55, 5653. | | 106 |
| 33 | Increased Phagocyte-Like NADPH Oxidase and ROS Generation in Type 2 Diabetic ZDF Rat and Human Islets. Diabetes, 2011, 60, 2843-2852. | 0.6 | 102 |
| 34 | Mitochondria DNA Replication and DNA Methylation in the Metabolic Memory Associated with Continued Progression of Diabetic Retinopathy. , 2012, 53, 4881. | | 101 |
| 35 | Sirt1: A Guardian of the Development of Diabetic Retinopathy. Diabetes, 2018, 67, 745-754. | 0.6 | 95 |
| 36 | Metabolic Memory Phenomenon and Accumulation of Peroxynitrite in Retinal Capillaries. Experimental Diabetes Research, 2007, 2007, 1-7. | 3.8 | 93 |

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|---|---|---|---|
| 37 | Role of Glyceraldehyde 3-Phosphate Dehydrogenase in the Development and Progression of Diabetic Retinopathy. Diabetes, 2009, 58, 227-234. | 0.6 | 93 |
| 38 | Oxidative stress and the development of diabetic retinopathy: Contributory role of matrix metalloproteinase-2. Free Radical Biology and Medicine, 2009, 46, 1677-1685. | 2.9 | 91 |
| 39 | Diabetic Retinopathy and Damage to Mitochondrial Structure and Transport Machinery. , 2011, 52, 8739. | | 89 |
| 40 | Reversal of hyperglycemia and diabetic nephropathy. Journal of Diabetes and Its Complications, 2004, 18, 282-288. | 2.3 | 87 |
| 41 | Beneficial effects of the nutritional supplements on the development of diabetic retinopathy. Nutrition and Metabolism, 2014, 11, 8. | 3.0 | 87 |
| 42 | Diabetic Retinopathy, Superoxide Damage and Antioxidants. Current Pharmaceutical Biotechnology, 2011, 12, 352-361. | 1.6 | 86 |
| 43 | Damaged Mitochondrial DNA Replication System and the Development of Diabetic Retinopathy. Antioxidants and Redox Signaling, 2012, 17, 492-504. | 5.4 | 86 |
| 44 | Epigenetic Modifications of Keap1 Regulate Its Interaction With the Protective Factor Nrf2 in the Development of Diabetic Retinopathy. , 2014, 55, 7256. | | 86 |
| 45 | Mitochondrial Defects Drive Degenerative Retinal Diseases. Trends in Molecular Medicine, 2020, 26, 105-118. | 6.7 | 86 |
| 46 | Matrix metalloproteinase-2 in the development of diabetic retinopathy and mitochondrial dysfunction. Laboratory Investigation, 2010, 90, 1365-1372. | 3.7 | 85 |
| 47 | Role of Matrix Metalloproteinase-9 in the Development of Diabetic Retinopathy and Its Regulation by H-Ras. , 2010, 51, 4320. | | 85 |
| 48 | Dynamic DNA methylation of matrix metalloproteinase-9 in the development of diabetic retinopathy. Laboratory Investigation, 2016, 96, 1040-1049. | 3.7 | 85 |
| 49 | Re-institution of good metabolic control in diabetic rats and activation of caspase-3 and nuclear transcriptional factor (NF-kB) in the retina. Acta Diabetologica, 2004, 41, 194-199. | 2.5 | 84 |
| 50 | Therapeutic potential of anti-oxidants and diabetic retinopathy. Expert Opinion on Investigational Drugs, 2001, 10, 1665-1676. | 4.1 | 81 |
| 51 | Epigenetic Modifications and Diabetic Retinopathy. BioMed Research International, 2013, 2013, 1-9. | 1.9 | 81 |
| 52 | Long Noncoding RNA <i>MALAT1</i> and Regulation of the Antioxidant Defense System in Diabetic Retinopathy. Diabetes, 2021, 70, 227-239. | 0.6 | 81 |
| 53 | Abnormalities of retinal metabolism in diabetes or experimental galactosemia VIII. Prevention by aminoguanidine. Current Eye Research, 2000, 21, 814-819. | 1.5 | 79 |
| 54 | A compensatory mechanism protects retinal mitochondria from initial insult in diabetic retinopathy. Free Radical Biology and Medicine, 2012, 53, 1729-1737. | 2.9 | 77 |

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|---|---|---|---|
| 55 | Novel Role of Mitochondrial Matrix Metalloproteinase-2 in the Development of Diabetic Retinopathy. , 2011, 52, 3832. | | 76 |
| 56 | Epigenetic modifications of Nrf2-mediated glutamateâ€“cysteine ligase: implications for the development of diabetic retinopathy and the metabolic memory phenomenon associated with its continued progression. Free Radical Biology and Medicine, 2014, 75, 129-139. | 2.9 | 76 |
| 57 | Role of Mitochondria Biogenesis in the Metabolic Memory Associated with the Continued Progression of Diabetic Retinopathy and Its Regulation by Lipoic Acid. , 2011, 52, 8791. | | 75 |
| 58 | Abnormalities of retinal metabolism in diabetes or galactosemia II. Comparison of Î³-glutamyl transpeptidase in retina and cerebral cortex, and effects of antioxidant therapy. Current Eye Research, 1994, 13, 891-896. | 1.5 | 74 |
| 59 | Resistance of retinal inflammatory mediators to suppress after reinstitution of good glycemic control: novel mechanism for metabolic memory. Journal of Diabetes and Its Complications, 2010, 24, 55-63. | 2.3 | 73 |
| 60 | Epigenetic regulation of redox signaling in diabetic retinopathy: Role of Nrf2. Free Radical Biology and Medicine, 2017, 103, 155-164. | 2.9 | 72 |
| 61 | Diabetic retinopathy and signaling mechanism for activation of matrix metalloproteinaseâ€9. Journal of Cellular Physiology, 2012, 227, 1052-1061. | 4.1 | 70 |
| 62 | Epigenetics and Regulation of Oxidative Stress in Diabetic Retinopathy. , 2018, 59, 4831. | | 70 |
| 63 | Inhibition of Retinopathy and Retinal Metabolic Abnormalities in Diabetic Rats With AREDS-Based Micronutrients. JAMA Ophthalmology, 2008, 126, 1266. | 2.4 | 69 |
| 64 | Metabolic memory and diabetic retinopathy: Role of inflammatory mediators in retinal pericytes. Experimental Eye Research, 2010, 90, 617-623. | 2.6 | 67 |
| 65 | Mitochondrial fusion and maintenance of mitochondrial homeostasis in diabetic retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1617-1626. | 3.8 | 67 |
| 66 | Effect of advanced glycation end products on accelerated apoptosis of retinal capillary cells under in vitro conditions. Life Sciences, 2005, 76, 1051-1060. | 4.3 | 66 |
| 67 | Phagocyte-like NADPH oxidase [Nox2] in cellular dysfunction in models of glucolipotoxicity and diabetes. Biochemical Pharmacology, 2014, 88, 275-283. | 4.4 | 66 |
| 68 | Diabetic retinopathy, metabolic memory and epigenetic modifications. Vision Research, 2017, 139, 30-38. | 1.4 | 66 |
| 69 | Mitochondrial Stability in Diabetic Retinopathy: Lessons Learned From Epigenetics. Diabetes, 2019, 68, 241-247. | 0.6 | 66 |
| 70 | Lipotoxicity Augments Glucotoxicity-Induced Mitochondrial Damage in the Development of Diabetic Retinopathy. , 2015, 56, 2985. | | 64 |
| 71 | Diabetes-induced metabolic abnormalities in myocardium: Effect of antioxidant therapy. Free Radical Research, 2000, 32, 67-74. | 3.3 | 59 |
| 72 | Retinal Mitochondrial DNA Mismatch Repair in the Development of Diabetic Retinopathy, and Its Continued Progression After Termination of Hyperglycemia. Investigative Ophthalmology and Visual Science, 2014, 55, 6960-6967. | 3.3 | 58 |

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| 73 | Mitochondria Damage in the Pathogenesis of Diabetic Retinopathy and in the Metabolic Memory Associated with its Continued Progression. Current Medicinal Chemistry, 2013, 20, 3226-3233. | 2.4 | 57 |
| 74 | Hyperlipidemia and the development of diabetic retinopathy: Comparison between type 1 and type 2 animal models. Metabolism: Clinical and Experimental, 2016, 65, 1570-1581. | 3.4 | 56 |
| 75 | Regulation of Matrix Metalloproteinase in the Pathogenesis of Diabetic Retinopathy. Progress in Molecular Biology and Translational Science, 2017, 148, 67-85. | 1.7 | 56 |
| 76 | Atypical antipsychotics, insulin resistance and weight; a meta-analysis of healthy volunteer studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 55-63. | 4.8 | 52 |
| 77 | Crosstalk Between Histone and DNA Methylation in Regulation of Retinal Matrix Metalloproteinase-9 in Diabetes. , 2017, 58, 6440. | | 50 |
| 78 | Metabolic memory in diabetes â€“ from in vitro oddity to in vivo problem: Role of Apoptosis. Brain Research Bulletin, 2010, 81, 297-302. | 3.0 | 49 |
| 79 | The Diabetes Visual Function Supplement Study (<i>DiVFuSS</i>). British Journal of Ophthalmology, 2016, 100, 227-234. | 3.9 | 49 |
| 80 | Retinopathy in a Diet-Induced Type 2 Diabetic Rat Model and Role of Epigenetic Modifications. Diabetes, 2020, 69, 689-698. | 0.6 | 49 |
| 81 | Potential Contributory Role of H-Ras, a Small G-Protein, in the Development of Retinopathy in Diabetic Rats. Diabetes, 2004, 53, 775-783. | 0.6 | 48 |
| 82 | Posttranslational modification of mitochondrial transcription factor A in impaired mitochondria biogenesis: Implications in diabetic retinopathy and metabolic memory phenomenon. Experimental Eye Research, 2014, 121, 168-177. | 2.6 | 48 |
| 83 | The Role of DNA Methylation in the Metabolic Memory Phenomenon Associated With the Continued Progression of Diabetic Retinopathy. , 2016, 57, 5748. | | 47 |
| 84 | Beyond AREDS: Is There a Place for Antioxidant Therapy in the Prevention/Treatment of Eye Disease?. , 2011, 52, 8665. | | 45 |
| 85 | Tiam1-Rac1 Axis Promotes Activation of p38 MAP Kinase in the Development of Diabetic Retinopathy: Evidence for a Requisite Role for Protein Palmitoylation. Cellular Physiology and Biochemistry, 2015, 36, 208-220. | 1.6 | 45 |
| 86 | Abnormalities of retinal metabolism in diabetes or experimental galactosemia. VI. Comparison of retinal and cerebral cortex metabolism, and effects of antioxidant therapy. Free Radical Biology and Medicine, 1999, 26, 371-378. | 2.9 | 44 |
| 87 | Molecular Mechanism of Transcriptional Regulation of Matrix Metalloproteinase-9 in Diabetic Retinopathy. Journal of Cellular Physiology, 2016, 231, 1709-1718. | 4.1 | 43 |
| 88 | DNA Methylationâ€"a Potential Source of Mitochondria DNA Base Mismatch in the Development of Diabetic Retinopathy. Molecular Neurobiology, 2019, 56, 88-101. | 4.0 | 43 |
| 89 | Interrelationship between activation of matrix metalloproteinases and mitochondrial dysfunction in the development of diabetic retinopathy. Biochemical and Biophysical Research Communications, 2013, 438, 760-764. | 2.1 | 41 |
| 90 | Contribution of epigenetics in diabetic retinopathy. Science China Life Sciences, 2015, 58, 556-563. | 4.9 | 41 |

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| 91 | Role of PARP-1 as a novel transcriptional regulator of MMP-9 in diabetic retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1761-1769. | 3.8 | 39 |
| 92 | Glyceraldehyde-3-Phosphate Dehydrogenase in Retinal Microvasculature: Implications for the Development and Progression of Diabetic Retinopathy. , 2010, 51, 1765. | | 37 |
| 93 | Therapeutic targets for altering mitochondrial dysfunction associated with diabetic retinopathy. Expert Opinion on Therapeutic Targets, 2018, 22, 233-245. | 3.4 | 37 |
| 94 | Adaptor Protein p66Shc: A Link Between Cytosolic and Mitochondrial Dysfunction in the Development of Diabetic Retinopathy. Antioxidants and Redox Signaling, 2019, 30, 1621-1634. | 5.4 | 37 |
| 95 | Impaired transport of mitochondrial transcription factor A (TFAM) and the metabolic memory phenomenon associated with the progression of diabetic retinopathy. Diabetes/Metabolism Research and Reviews, 2013, 29, 204-213. | 4.0 | 36 |
| 96 | Epigenetics and Mitochondrial Stability in the Metabolic Memory Phenomenon Associated with Continued Progression of Diabetic Retinopathy. Scientific Reports, 2020, 10, 6655. | 3.3 | 36 |
| 97 | Hexosamine induction of oxidative stress, hypertrophy and laminin expression in renal mesangial cells: effect of the anti-oxidant Î±-lipoic acid. Cell Biochemistry and Function, 2007, 25, 537-550. | 2.9 | 35 |
| 98 | Role of oxidative stress in epigenetic modification of MMP-9 promoter in the development of diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 955-962. | 1.9 | 35 |
| 99 | TXNIP mediates high glucose-induced mitophagic flux and lysosome enlargement in human retinal pigment epithelial cells. Biology Open, 2019, 8, . | 1.2 | 33 |
| 100 | Retinal metabolic abnormalities in diabetic mouse: Comparison with diabetic rat. Current Eye Research, 2002, 24, 123-128. | 1.5 | 31 |
| 101 | Peripheral Blood Mitochondrial DNA Damage as a Potential Noninvasive Biomarker of Diabetic Retinopathy. , 2016, 57, 4035. | | 31 |
| 102 | Diabetic retinopathy and transcriptional regulation of a small molecular weight G-Protein, Rac1. Experimental Eye Research, 2016, 147, 72-77. | 2.6 | 30 |
| 103 | Increased oxidative stress in diabetes regulates activation of a small molecular weight G-protein, H-Ras, in the retina. Molecular Vision, 2007, 13, 602-10. | 1.1 | 29 |
| 104 | Functional Regulation of an Oxidative Stress Mediator, Rac1, in Diabetic Retinopathy. Molecular Neurobiology, 2019, 56, 8643-8655. | 4.0 | 28 |
| 105 | Epigenetic Modifications Compromise Mitochondrial DNA Quality Control in the Development of Diabetic Retinopathy. , 2019, 60, 3943. | | 27 |
| 106 | Faulty homocysteine recycling in diabetic retinopathy. Eye and Vision (London, England), 2020, 7, 4. | 3.0 | 27 |
| 107 | Small molecular weight G-protein, H-Ras, and retinal endothelial cell apoptosis in diabetes. Molecular and Cellular Biochemistry, 2007, 296, 69-76. | 3.1 | 26 |
| 108 | Epigenetic modifications in diabetes. Metabolism: Clinical and Experimental, 2022, 126, 154920. | 3.4 | 26 |

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| 109 | Homocysteine Disrupts Balance between MMP-9 and Its Tissue Inhibitor in Diabetic Retinopathy: The Role of DNA Methylation. International Journal of Molecular Sciences, 2020, 21, 1771. | 4.1 | 25 |
| 110 | Interleukin-1Î² and mitochondria damage, and the development of diabetic retinopathy. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 3-9. | 0.2 | 22 |
| 111 | Epigenetic Modifications in Peripheral Blood as Potential Noninvasive Biomarker of Diabetic Retinopathy. Translational Vision Science and Technology, 2019, 8, 43. | 2.2 | 22 |
| 112 | The Regulatory Role of Rac1, a Small Molecular Weight GTPase, in the Development of Diabetic Retinopathy. Journal of Clinical Medicine, 2019, 8, 965. | 2.4 | 21 |
| 113 | Translocation of H-Ras and its implications in the development of diabetic retinopathy. Biochemical and Biophysical Research Communications, 2009, 387, 461-466. | 2.1 | 19 |
| 114 | RACking up ceramide-induced islet Î²-cell dysfunction. Biochemical Pharmacology, 2018, 154, 161-169. | 4.4 | 19 |
| 115 | Nuclear Genome-Encoded Long Noncoding RNAs and Mitochondrial Damage in Diabetic Retinopathy. Cells, 2021, 10, 3271. | 4.1 | 19 |
| 116 | Effect of PKCÎ² on Retinal Oxygenation Response in Experimental Diabetes. , 2004, 45, 937. | | 18 |
| 117 | Diabetic Retinopathy and NADPH Oxidase-2: A Sweet Slippery Road. Antioxidants, 2021, 10, 783. | 5.1 | 17 |
| 118 | Diabetes regulates small molecular weight G-protein, H-Ras, in the microvasculature of the retina: Implication in the development of retinopathy. Microvascular Research, 2008, 76, 189-193. | 2.5 | 16 |
| 119 | Hydrogen Sulfide: A Potential Therapeutic Target in the Development of Diabetic Retinopathy. , 2020, 61, 35. | | 16 |
| 120 | Regulation of Rac1 transcription by histone and DNA methylation in diabetic retinopathy. Scientific Reports, 2021, 11, 14097. | 3.3 | 15 |
| 121 | Termination of experimental galactosemia in rats, and progression of retinal metabolic abnormalities. Investigative Ophthalmology and Visual Science, 2002, 43, 3287-91. | 3.3 | 15 |
| 122 | The role of Raf-1 kinase in diabetic retinopathy. Expert Opinion on Therapeutic Targets, 2011, 15, 357-364. | 3.4 | 14 |
| 123 | Diabetic Retinopathy: Mitochondria Caught in a Muddle of Homocysteine. Journal of Clinical Medicine, 2020, 9, 3019. | 2.4 | 12 |
| 124 | Mitochondrial Dynamics in the Metabolic Memory of Diabetic Retinopathy. Journal of Diabetes Research, 2022, 2022, 1-14. | 2.3 | 12 |
| 125 | Mitochondrial Fragmentation in a High Homocysteine Environment in Diabetic Retinopathy. Antioxidants, 2022, 11, 365. | 5.1 | 8 |
| 126 | Capillary Dropout in Diabetic Retinopathy. , 2008, , 265-282. | | 7 |

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|---|---|---|---|
| 127 | Role of raf-1 kinase in diabetes-induced accelerated apoptosis of retinal capillary cells. International Journal of Biomedical Science, 2008, 4, 20-8. | 0.1 | 4 |
| 128 | Role of retinal mitochondria in the development of diabetic retinopathy. Expert Review of Ophthalmology, 2007, 2, 237-247. | 0.6 | 2 |
| 129 | Deciphering ocular diseases on an epigenetic platform. , 2019, , 117-138. | | 1 |
| 130 | Epigenetics and Mitochondrial Stability in Diabetic Retinopathy. Diabetes, 2018, 67, . | 0.6 | 1 |
| 131 | Long Noncoding RNAs and Mitochondrial Homeostasis in the Development of Diabetic Retinopathy. Frontiers in Endocrinology, 2022, 13, . | 3.5 | 1 |
| 132 | Involvement of High Mobility Group Box 1 Protein in Optic Nerve Damage in Diabetes. Eye and Brain, 2022, Volume 14, 59-69. | 2.5 | 0 |