# Simon J Clark

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1626376/publications.pdf

Version: 2024-02-01

| | | 186209 | 254106 |
|---|---|---|---|
| 46 | 2,895 | 28 | 43 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 54 | 54 | 54 | 3030 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Theranosâ€™s lesson for investors: speak to lab workers. Nature, 2022, 601, 508-508. | 13.7 | 0 |
| 2 | Mast cell infiltration of the choroid and protease release are early events in age-related macular degeneration associated with genetic risk at both chromosomes 1q32 and 10q26. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118510119. | 3.3 | 8 |
| 3 | The complement system in age-related macular degeneration. Cellular and Molecular Life Sciences, 2021, 78, 4487-4505. | 2.4 | 96 |
| 4 | FHL-1 interacts with human RPE cells through the Î±5Î²1 integrin and confers protection against oxidative stress. Scientific Reports, 2021, 11, 14175. | 1.6 | 6 |
| 5 | CFH Loss in Human RPE Cells Leads to Inflammation and Complement System Dysregulation via the NF-Î°B Pathway. International Journal of Molecular Sciences, 2021, 22, 8727. | 1.8 | 18 |
| 6 | Beyond factor H: The impact of genetic-risk variants for age-related macular degeneration on circulating factor-H-like 1 and factor-H-related protein concentrations. American Journal of Human Genetics, 2021, 108, 1385-1400. | 2.6 | 30 |
| 7 | Common haplotypes at the CFH locus and low-frequency variants in CFHR2 and CFHR5 associate with systemic FHR concentrations and age-related macular degeneration. American Journal of Human Genetics, 2021, 108, 1367-1384. | 2.6 | 33 |
| 8 | Tumor Cell IDO Enhances Immune Suppression and Decreases Survival Independent of Tryptophan Metabolism in Glioblastoma. Clinical Cancer Research, 2021, 27, 6514-6528. | 3.2 | 48 |
| 9 | Complement Factor H Loss in RPE Cells Causes Retinal Degeneration in a Human RPE-Porcine Retinal Explant Co-Culture Model. Biomolecules, 2021, 11, 1621. | 1.8 | 5 |
| 10 | mTOR Inhibition via Rapamycin Treatment Partially Reverts the Deficit in Energy Metabolism Caused by FH Loss in RPE Cells. Antioxidants, 2021, 10, 1944. | 2.2 | 5 |
| 11 | Control of Complement Activation by the Long Pentraxin PTX3: Implications in Age-Related Macular Degeneration. Frontiers in Pharmacology, 2020, 11, 591908. | 1.6 | 11 |
| 12 | Association of plasma trace element levels with neovascular age-related macular degeneration. Experimental Eye Research, 2020, 201, 108324. | 1.2 | 8 |
| 13 | Basement membrane ligands initiate distinct signalling networks to direct cell shape. Matrix Biology, 2020, 90, 61-78. | 1.5 | 38 |
| 14 | Increased circulating levels of Factor H-Related Protein 4 are strongly associated with age-related macular degeneration. Nature Communications, 2020, 11, 778. | 5.8 | 74 |
| 15 | Loss-of-Function Mutations in the CFH Gene Affecting Alternatively Encoded Factor H-like 1 Protein Cause Dominant Early-Onset Macular Drusen. Ophthalmology, 2019, 126, 1410-1421. | 2.5 | 25 |
| 16 | Whole-genome methylation profiling of the retinal pigment epithelium of individuals with age-related macular degeneration reveals differential methylation of the SKI, GTF2H4, and TNXB genes. Clinical Epigenetics, 2019, 11, 6. | 1.8 | 40 |
| 17 | C-reactive protein and pentraxin-3 binding of factor H-like protein 1 differs from complement factor H: implications for retinal inflammation. Scientific Reports, 2018, 8, 1643. | 1.6 | 27 |
| 18 | The eye as a complement dysregulation hotspot. Seminars in Immunopathology, 2018, 40, 65-74. | 2.8 | 106 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Complement factor H in host defense and immune evasion. Cellular and Molecular Life Sciences, 2017, 74, 1605-1624. | 2.4 | 148 |
| 20 | Bruchâ€™s Membrane Compartmentalizes Complement Regulation in the Eye with Implications for Therapeutic Design in Age-Related Macular Degeneration. Frontiers in Immunology, 2017, 8, 1778. | 2.2 | 56 |
| 21 | Induction of Chemokine Secretion and Monocyte Migration by Human Choroidal Melanocytes in Response to Proinflammatory Cytokines. , 2016, 57, 6568. | | 14 |
| 22 | Age-related macular degeneration: genome-wide association studies to translation. Genetics in Medicine, 2016, 18, 283-289. | 1.1 | 110 |
| 23 | Age and Smoking Related Changes in Metal Ion Levels in Human Lens: Implications for Cataract Formation. PLoS ONE, 2016, 11, e0147576. | 1.1 | 32 |
| 24 | Enrichment of Bruch's Membrane from Human Donor Eyes. Journal of Visualized Experiments, 2015, , . | 0.2 | 9 |
| 25 | Role of Factor H and Related Proteins in Regulating Complement Activation in the Macula, and Relevance to Age-Related Macular Degeneration. Journal of Clinical Medicine, 2015, 4, 18-31. | 1.0 | 34 |
| 26 | Complementing the Sugar Code: Role of GAGs and Sialic Acid in Complement Regulation. Frontiers in Immunology, 2015, 6, 25. | 2.2 | 74 |
| 27 | Age-related macular degeneration and the role of the complement system. Molecular Immunology, 2015, 67, 43-50. | 1.0 | 120 |
| 28 | The Role of Complement in Age-Related Macular Degeneration: Heparan Sulphate, a ZIP Code for Complement Factor H?. Journal of Innate Immunity, 2014, 6, 407-416. | 1.8 | 60 |
| 29 | Age-Dependent Changes in Heparan Sulfate in Human Bruch's Membrane: Implications for Age-Related Macular Degeneration. , 2014, 55, 5370. | | 60 |
| 30 | Genetic variants in the complement system predisposing to age-related macular degeneration: A review. Molecular Immunology, 2014, 61, 118-125. | 1.0 | 113 |
| 31 | Identification of Factor Hâ€“like Protein 1 as the Predominant Complement Regulator in Bruchâ€™s Membrane: Implications for Age-Related Macular Degeneration. Journal of Immunology, 2014, 193, 4962-4970. | 0.4 | 102 |
| 32 | The Proteoglycan Glycomatrix: A Sugar Microenvironment Essential for Complement Regulation. Frontiers in Immunology, 2013, 4, 412. | 2.2 | 33 |
| 33 | Tissue-Specific Host Recognition by Complement Factor H Is Mediated by Differential Activities of Its Glycosaminoglycan-Binding Regions. Journal of Immunology, 2013, 190, 2049-2057. | 0.4 | 133 |
| 34 | Mapping the Differential Distribution of Proteoglycan Core Proteins in the Adult Human Retina, Choroid, and Sclera. , 2012, 53, 7528. | | 80 |
| 35 | Mapping the Differential Distribution of Glycosaminoglycans in the Adult Human Retina, Choroid, and Sclera. , 2011, 52, 6511. | | 103 |
| 36 | Understanding the molecular basis of age-related macular degeneration and how the identification of new mechanisms may aid the development of novel therapies. Expert Review of Ophthalmology, 2011, 6, 123-128. | 0.3 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Complement factor H and age-related macular degeneration: the role of glycosaminoglycan recognition in disease pathology. Biochemical Society Transactions, 2010, 38, 1342-1348. | 1.6 | 83 |
| 38 | Impaired Binding of the Age-related Macular Degeneration-associated Complement Factor H 402H Allotype to Bruch's Membrane in Human Retina. Journal of Biological Chemistry, 2010, 285, 30192-30202. | 1.6 | 159 |
| 39 | Shiga Toxin Activates Complement and Binds Factor H: Evidence for an Active Role of Complement in Hemolytic Uremic Syndrome. Journal of Immunology, 2009, 182, 6394-6400. | 0.4 | 179 |
| 40 | Development of a microtiter plate-based glycosaminoglycan array for the investigation of glycosaminoglycan-protein interactions. Glycobiology, 2009, 19, 1537-1546. | 1.3 | 37 |
| 41 | The Factor H Variant Associated with Age-related Macular Degeneration (His-384) and the Non-disease-associated Form Bind Differentially to C-reactive Protein, Fibromodulin, DNA, and Necrotic Cells. Journal of Biological Chemistry, 2007, 282, 10894-10900. | 1.6 | 126 |
| 42 | Associative and Structural Properties of the Region of Complement Factor H Encompassing the Tyr402His Disease-related Polymorphism and its Interactions with Heparin. Journal of Molecular Biology, 2007, 368, 564-581. | 2.0 | 44 |
| 43 | Structural basis for complement factor Hâ€“linked age-related macular degeneration. Journal of Experimental Medicine, 2007, 204, 2277-2283. | 4.2 | 168 |
| 44 | Expression, purification, cocrystallization and preliminary crystallographic analysis of sucrose octasulfate/human complement regulator factor H SCRs 6â€“8. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 480-483. | 0.7 | 14 |
| 45 | His-384 Allotypic Variant of Factor H Associated with Age-related Macular Degeneration Has Different Heparin Binding Properties from the Non-disease-associated Form. Journal of Biological Chemistry, 2006, 281, 24713-24720. | 1.6 | 161 |
| 46 | A method for the non-covalent immobilization of heparin to surfaces. Analytical Biochemistry, 2004, 330, 123-129. | 1.1 | 48 |