

# Ben J Glasgow

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,368  
citations

516681

16  
h-index

395678

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1494  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | ANS fluorescence: Potential to augment the identification of the external binding sites of proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 403-411.            | 2.3 | 311       |
| 2  | Tear lipocalins bind a broad array of lipid ligands. <i>Current Eye Research</i> , 1995, 14, 363-372.   | 1.5 | 165       |
| 3  | Mass Spectrometric Identification of Phospholipids in Human Tears and Tear Lipocalin. , 2012, 53, 1773.   |     | 64        |
| 4  | Tear Lipocalin: Evidence for a Scavenging Function to Remove Lipids from the Human Corneal Surface. , 2005, 46, 3589.   |     | 60        |
| 5  | Lipophilin, a novel heterodimeric protein of human tears. <i>FEBS Letters</i> , 1998, 432, 163-167.   | 2.8 | 58        |
| 6  | Aspiration cytology of clear-cell lesions of the parotid gland: Morphologic features and differential diagnosis. <i>Diagnostic Cytopathology</i> , 1993, 9, 705-711.                                  | 1.0 | 55        |
| 7  | Fluorescein Punctate Staining Traced to Superficial Corneal Epithelial Cells by Impression Cytology and Confocal Microscopy. , 2011, 52, 2127.  |     | 50        |
| 8  | Site-Directed Tryptophan Fluorescence Reveals the Solution Structure of Tear Lipocalin: Evidence for Features That Confer Promiscuity in Ligand Binding. <i>Biochemistry</i> , 2001, 40, 14754-14762. | 2.5 | 44        |
| 9  | Assignment of tear lipocalin gene to human chromosome 9q34. <i>Current Eye Research</i> , 1993, 12, 1019-1023.  | 1.5 | 37        |
| 10 | Resolution of ligand positions by site-directed tryptophan fluorescence in tear lipocalin. <i>Protein Science</i> , 2000, 9, 325-331.   | 7.6 | 34        |
| 11 | Tear Lipocalin Captures Exogenous Lipid from Abnormal Corneal Surfaces. , 2010, 51, 1981.   |     | 30        |
| 12 | Focus on Molecules: Tear lipocalin. <i>Experimental Eye Research</i> , 2011, 92, 242-243.   | 2.6 | 25        |
| 13 | Variable Results for Uveal Melanoma-Specific Gene Expression Profile Prognostic Test in Choroidal Metastasis. <i>JAMA Ophthalmology</i> , 2015, 133, 1073.  | 2.5 | 25        |
| 14 | Corneal transplantation in a patient with mucopolysaccharidosis type VII (Sly disease). <i>Ophthalmic Genetics</i> , 2000, 21, 17-20.   | 1.2 | 23        |
| 15 | Functional cavity dimensions of tear lipocalin. <i>Current Eye Research</i> , 2000, 21, 824-832.  | 1.5 | 22        |
| 16 | Tear lipocalin: potential for selective delivery of rifampin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1688, 102-111.  | 3.8 | 22        |
| 17 | Evidence for internal and external binding sites on human tear lipocalin. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 15-21.  | 3.0 | 22        |
| 18 | Tear Lipocalin: Structure, Function and Molecular Mechanisms of Action. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 555-565.  | 1.6 | 21        |

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|----|---|-----|-----------|
| 19 | Secretory Lipophilins: A Tale of Two Species. <i>Annals of the New York Academy of Sciences</i> , 2000, 923, 59-67.   | 3.8 | 20        |
| 20 | Characterization of Fluorescence of ANSâ€™Tear Lipocalin Complex: Evidence for Multipleâ€™Binding Modes. <i>Photochemistry and Photobiology</i> , 2007, 83, 1405-1414.  | 2.5 | 19        |
| 21 | Interaction of ceramides and tear lipocalin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 399-408.   | 2.4 | 17        |
| 22 | Exfoliative Epitheliopathy of Bullous Keratopathy with Breaches in the MUC16 Glyocalyx. , 2009, 50, 4060.   |     | 16        |
| 23 | The conserved disulfide bond of human tear lipocalin modulates conformation and lipid binding in a ligand selective manner. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 671-683. | 2.3 | 16        |
| 24 | Fine-needle aspiration cytology of juvenile hemangioma of the parotid gland: A case report. <i>Diagnostic Cytopathology</i> , 1987, 3, 152-155.   | 1.0 | 15        |
| 25 | Correlation of Immunocytochemistry of BRCA1-associated Protein-1 (BAP1) With Other Prognostic Markers in Uveal Melanoma. <i>American Journal of Ophthalmology</i> , 2018, 189, 122-126.                           | 3.3 | 15        |
| 26 | Characterization of a Lipophilin in Rabbit Tears. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 573-580.  | 1.6 | 14        |
| 27 | Vitamin E Associated with the Lipocalin Fraction of Human Tears. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 567-572.   | 1.6 | 13        |
| 28 | Antibacterial activity of rifamycins for <i>M. smegmatis</i> with comparison of oxidation and binding to tear lipocalin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 750-758.    | 2.3 | 12        |
| 29 | Fluorescence lifetime imaging microscopy reveals quenching of fluorescein within corneal epithelium. <i>Experimental Eye Research</i> , 2016, 147, 12-19.   | 2.6 | 12        |
| 30 | Evidence for Phospholipids on the Surface of Human Tears. , 2020, 61, 19.   |     | 12        |
| 31 | Resolving near-ultraviolet circular dichroism spectra of single trp mutants in tear lipocalin. <i>Analytical Biochemistry</i> , 2003, 318, 300-308.   | 2.4 | 11        |
| 32 | Tear Lipocalin and Lipocalin-Interacting Membrane Receptor. <i>Frontiers in Physiology</i> , 2021, 12, 684211.  | 2.8 | 11        |
| 33 | Site-directed circular dichroism of proteins: 1Lb bands of Trp resolve position-specific features in tear lipocalin. <i>Analytical Biochemistry</i> , 2008, 374, 386-395.   | 2.4 | 10        |
| 34 | Excited protein states of human tear lipocalin for low- and high-affinity ligand binding revealed by functional AB loop motion. <i>Biophysical Chemistry</i> , 2010, 149, 47-57.                                  | 2.8 | 10        |
| 35 | Aggressive Low-Grade Optic Nerve Glioma in Adults. <i>Neuro-Ophthalmology</i> , 2014, 38, 297-309.  | 1.0 | 9         |
| 36 | Hereditary Benign Intraepithelial Dyskeratosis: Report of a Case and Re-examination of the Evidence for Locus Heterogeneity. <i>Ophthalmic Genetics</i> , 2016, 37, 1-5.  | 1.2 | 9         |

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|----|---|-----|-----------|
| 37 | Lipocalin-1 is the acceptor protein for phospholipid transfer protein in tears. <i>Biochemical and Biophysical Research Communications</i> , 2021, 548, 35-38.  | 2.1 | 7         |
| 38 | Rhabdomyosarcomatous differentiation in a neuroblastoma: A potential pitfall in the cytologic diagnosis of small round-cell tumors of childhood. <i>Diagnostic Cytopathology</i> , 1991, 7, 193-197.                        | 1.0 | 6         |
| 39 | Intraocular fine-needle aspiration biopsy of coronal adenomas. <i>Diagnostic Cytopathology</i> , 1991, 7, 239-242.  | 1.0 | 6         |
| 40 | Aggressive necrotizing pseudomonal sinonasal infections. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 910-915.  | 2.8 | 6         |
| 41 | Ligand binding complexes in lipocalins: Underestimation of the stoichiometry parameter (n). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1001-1007.   | 2.3 | 6         |
| 42 | A Simple Model-Free Method for Direct Assessment of Fluorescent Ligand Binding by Linear Spectral Summation. <i>Journal of Fluorescence</i> , 2014, 24, 231-238.  | 2.5 | 5         |
| 43 | Necrotizing Tenon's capsule infection in a lymphopenic Down syndrome patient following strabismus surgery. <i>Journal of AAPOS</i> , 2017, 21, 333-335.   | 0.3 | 4         |
| 44 | Pathologic Study of Supernumerary Orbital Band in Type I Duane Syndrome. <i>Ocular Oncology and Pathology</i> , 2019, 5, 305-311.   | 1.0 | 4         |
| 45 | Ellipsometry of human tears. <i>Ocular Surface</i> , 2019, 17, 341-346.   | 4.4 | 4         |
| 46 | Effect of Short- and Long-Range Interactions on Trp Rotamer Populations Determined by Site-Directed Tryptophan Fluorescence of Tear Lipocalin. <i>PLoS ONE</i> , 2013, 8, e78754.   | 2.5 | 2         |
| 47 | Restoration of structural stability and ligand binding after removal of the conserved disulfide bond in tear lipocalin. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 1004-1008.                  | 2.1 | 2         |
| 48 | Data on Orphan tear lipid analogs, synthesis and binding to tear lipocalin. <i>Data in Brief</i> , 2018, 18, 999-1004.  | 1.0 | 2         |
| 49 | Exploring protein solution structure: Second moments of fluorescent spectra report heterogeneity of tryptophan rotamers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 909-920. | 3.9 | 1         |
| 50 | Conventional fluorescence microscopy below the diffraction limit with simultaneous capture of two fluorophores in DNA origami. , 2016, 9714, .  |     | 1         |
| 51 | Simultaneous two color image capture for sub-diffraction localization fluorescence microscopy. <i>Micron</i> , 2016, 80, 14-19.   | 2.2 | 1         |
| 52 | Late Onset Interface Calcium Deposition After Laser In Situ Keratomileusis. <i>Cornea</i> , 2021, Publish Ahead of Print, 116-120.  | 1.7 | 1         |
| 53 | Author Response: Surface Area of the Exposed Eye. , 2021, 62, 19.   |     | 1         |
| 54 | Ligand binding studies by high speed centrifugal precipitation and linear spectral summation using ultraviolet-visible absorption spectroscopy. <i>MethodsX</i> , 2018, 5, 345-351.   | 1.6 | 0         |

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|----|--|-----|-----------|
| 55 | Methods toward simplification of time resolved fluorescence anisotropy in proteins labeled with NBD (4-chloro-7-nitrobenzofurazan) adducts. MethodsX, 2019, 6, 998-1008. | 1.6 | 0         |