

Avery E Sears

List of Publications by Year in descending order

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Version: 2024-02-01

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Nano-scale resolution of native retinal rod disk membranes reveals differences in lipid composition. <i>Journal of Cell Biology</i> , 2021, 220, . | 5.2 | 23 |
| 2 | Non-viral Gene Therapy for Stargardt Disease with ECO/pRHO-ABCA4 Self-Assembled Nanoparticles. <i>Molecular Therapy</i> , 2020, 28, 293-303. | 8.2 | 32 |
| 3 | Single particle cryo-EM of the complex between interphotoreceptor retinoid-binding protein and a monoclonal antibody. <i>FASEB Journal</i> , 2020, 34, 13918-13934. | 0.5 | 6 |
| 4 | Stable Retinoid Analogue Targeted Dual pH-Sensitive Smart Lipid ECO/pDNA Nanoparticles for Specific Gene Delivery in the Retinal Pigment Epithelium. <i>ACS Applied Bio Materials</i> , 2020, 3, 3078-3086. | 4.6 | 11 |
| 5 | Two-photon imaging of the mammalian retina with ultrafast pulsing laser. <i>JCI Insight</i> , 2018, 3, . | 5.0 | 24 |
| 6 | Towards Treatment of Stargardt Disease: Workshop Organized and Sponsored by the Foundation Fighting Blindness. <i>Translational Vision Science and Technology</i> , 2017, 6, 6. | 2.2 | 44 |
| 7 | Lecithin:Retinol Acyltransferase: A Key Enzyme Involved in the Retinoid (visual) Cycle. <i>Biochemistry</i> , 2016, 55, 3082-3091. | 2.5 | 23 |
| 8 | LRAT-specific domain facilitates vitamin A metabolism by domain swapping in HRASLS3. <i>Nature Chemical Biology</i> , 2015, 11, 26-32. | 8.0 | 49 |
| 9 | Structural Basis for the Acyltransferase Activity of Lecithin:Retinol Acyltransferase-like Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 23790-23807. | 3.4 | 64 |