

Walter Gray Jerome Iii

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

583
citations

623734

14
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

932
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Collagen IV and basement membrane at the evolutionary dawn of metazoan tissues. <i>ELife</i> , 2017, 6, . | 6.0 | 139 |
| 2 | A thumbwheel mechanism for APOA1 activation of LCAT activity in HDL[S]. <i>Journal of Lipid Research</i> , 2018, 59, 1244-1255. | 4.2 | 59 |
| 3 | Lysosomal Cholesterol Accumulation Inhibits Subsequent Hydrolysis of Lipoprotein Cholesteryl Ester. <i>Microscopy and Microanalysis</i> , 2008, 14, 138-149. | 0.4 | 55 |
| 4 | Advanced Atherosclerotic Foam Cell Formation Has Features of an Acquired Lysosomal Storage Disorder. <i>Rejuvenation Research</i> , 2006, 9, 245-255. | 1.8 | 45 |
| 5 | Macrophage SR-BI modulates autophagy via VPS34 complex and PPAR α transcription of Tfeb in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 41 |
| 6 | Quantification of Acute Vocal Fold Epithelial Surface Damage with Increasing Time and Magnitude Doses of Vibration Exposure. <i>PLoS ONE</i> , 2014, 9, e91615. | 2.5 | 38 |
| 7 | Severely altered cholesterol homeostasis in macrophages lacking apoE and SR-BI. <i>Journal of Lipid Research</i> , 2007, 48, 1140-1149. | 4.2 | 36 |
| 8 | Apolipoprotein AI tertiary structures determine stability and phospholipid-binding activity of discoidal high-density lipoprotein particles of different sizes. <i>Protein Science</i> , 2009, 18, 921-935. | 7.6 | 30 |
| 9 | The Role of Microscopy in Understanding Atherosclerotic Lysosomal Lipid Metabolism. <i>Microscopy and Microanalysis</i> , 2003, 9, 54-67. | 0.4 | 26 |
| 10 | A Unique Protein Self-Assembling Nanoparticle with Significant Advantages in Vaccine Development and Production. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-10. | 2.7 | 20 |
| 11 | Microsomal Triglyceride Transfer Protein (MTP) Associates with Cytosolic Lipid Droplets in 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2015, 10, e0135598. | 2.5 | 19 |
| 12 | Bid maintains mitochondrial cristae structure and function and protects against cardiac disease in an integrative genomics study. <i>ELife</i> , 2018, 7, . | 6.0 | 19 |
| 13 | Endothelial Cells Organize Fibrin Clots into Structures That Are More Resistant to Lysis. <i>Microscopy and Microanalysis</i> , 2005, 11, 268-277. | 0.4 | 18 |
| 14 | 2-Hydroxypropyl-gamma-cyclodextrin overcomes NPC1 deficiency by enhancing lysosome-ER association and autophagy. <i>Scientific Reports</i> , 2020, 10, 8663. | 3.3 | 18 |
| 15 | Microsomal triglyceride transfer protein contributes to lipid droplet maturation in adipocytes. <i>PLoS ONE</i> , 2017, 12, e0181046. | 2.5 | 7 |
| 16 | Conformational flexibility of apolipoprotein A-I amino- and carboxy-termini is necessary for lipid binding but not cholesterol efflux. <i>Journal of Lipid Research</i> , 2022, 63, 100168. | 4.2 | 7 |
| 17 | Practical Guide to Choosing a Microscope Camera. <i>Microscopy Today</i> , 2017, 25, 24-29. | 0.3 | 4 |
| 18 | The distribution of NPC-1 protein in macrophages is altered after oxidized LDL lysosomal accumulation. <i>Microscopy and Microanalysis</i> , 2002, 8, 894-895. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | More Basic Confocal Microscopy: A Tutorial. <i>Microscopy and Microanalysis</i> , 2003, 9, 1568-1569. | 0.4 | 1 |
| 20 | Ultrastructure of Striatal Dopamine Synapses in Rats with Striatal Dopamine Depletion. <i>Microscopy and Microanalysis</i> , 2001, 7, 660-661. | 0.4 | 0 |
| 21 | Basic Confocal Microscopy: A Tutorial. <i>Microscopy and Microanalysis</i> , 2002, 8, 1034-1035. | 0.4 | 0 |
| 22 | Immunology 101: The Basics of Immunoglobulins and Immunostaining. <i>Microscopy and Microanalysis</i> , 2002, 8, 818-819. | 0.4 | 0 |
| 23 | Special Topic: Advanced Basics of Immunostaining and Antigen Retrieval. <i>Microscopy and Microanalysis</i> , 2003, 9, 262-263. | 0.4 | 0 |
| 24 | Lysosomal Cholesterol Accumulation in Model Atherosclerotic Foam Cells. <i>Microscopy and Microanalysis</i> , 2003, 9, 1360-1361. | 0.4 | 0 |
| 25 | Special Topic: Advanced Basics of Immunostaining and Antigen Retrieval. <i>Microscopy Today</i> , 2003, 11, 26-29. | 0.3 | 0 |