

Benjamin J Swartzwelter

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

748
citations

840119

11
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

1128
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | OLT1177, a \hat{I}^2 -sulfonyl nitrile compound, safe in humans, inhibits the NLRP3 inflammasome and reverses the metabolic cost of inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1530-E1539. | 3.3 | 346 |
| 2 | NLRP3 inflammasome inhibitor OLT1177 suppresses joint inflammation in murine models of acute arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 169. | 1.6 | 110 |
| 3 | IL-1R3 blockade broadly attenuates the functions of six members of the IL-1 family, revealing their contribution to models of disease. <i>Nature Immunology</i> , 2019, 20, 1138-1149. | 7.0 | 55 |
| 4 | Interleukin-37 treatment of mice with metabolic syndrome improves insulin sensitivity and reduces pro-inflammatory cytokine production in adipose tissue. <i>Journal of Biological Chemistry</i> , 2018, 293, 14224-14236. | 1.6 | 42 |
| 5 | Addressing Nanomaterial Immunotoxicity by Evaluating Innate Immunity across Living Species. <i>Small</i> , 2020, 16, e2000598. | 5.2 | 35 |
| 6 | Towards bio-compatible magnetic nanoparticles: Immune-related effects, in-vitro internalization, and in-vivo bio-distribution of zwitterionic ferrite nanoparticles with unexpected renal clearance. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 678-700. | 5.0 | 27 |
| 7 | Gold Nanoparticles Modulate BCG-Induced Innate Immune Memory in Human Monocytes by Shifting the Memory Response towards Tolerance. <i>Cells</i> , 2020, 9, 284. | 1.8 | 25 |
| 8 | The Impact of Nanoparticles on Innate Immune Activation by Live Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9695. | 1.8 | 19 |
| 9 | PASylation of IL-1 receptor antagonist (IL-1Ra) retains IL-1 blockade and extends its duration in mouse urate crystal-induced peritonitis. <i>Journal of Biological Chemistry</i> , 2020, 295, 868-882. | 1.6 | 17 |
| 10 | Interaction between Macrophages and Nanoparticles: In Vitro 3D Cultures for the Realistic Assessment of Inflammatory Activation and Modulation of Innate Memory. <i>Nanomaterials</i> , 2021, 11, 207. | 1.9 | 15 |
| 11 | Surface Exposure of PEG and Amines on Biodegradable Nanoparticles as a Strategy to Tune Their Interaction with Protein-Rich Biological Media. <i>Nanomaterials</i> , 2019, 9, 1354. | 1.9 | 14 |
| 12 | Cross-Species Comparisons of Nanoparticle Interactions with Innate Immune Systems: A Methodological Review. <i>Nanomaterials</i> , 2021, 11, 1528. | 1.9 | 12 |
| 13 | PASylation of IL-1 receptor antagonist (IL-1Ra) retains IL-1 blockade and extends its duration in mouse urate crystal-induced peritonitis. <i>Journal of Biological Chemistry</i> , 2020, 295, 868-882. | 1.6 | 10 |
| 14 | Personalised Profiling of Innate Immune Memory Induced by Nano-Imaging Particles in Human Monocytes. <i>Frontiers in Immunology</i> , 2021, 12, 692165. | 2.2 | 10 |
| 15 | Interaction of engineered nanomaterials with the immune system: Health-related safety and possible benefits. <i>Current Opinion in Toxicology</i> , 2018, 10, 74-83. | 2.6 | 8 |
| 16 | Innate Memory Reprogramming by Gold Nanoparticles Depends on the Microbial Agents That Induce Memory. <i>Frontiers in Immunology</i> , 2021, 12, 751683. | 2.2 | 3 |