

Benjamin J Swartzwelter

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

748
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1128
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | OLT1177, a $\hat{1}^2$ -sulfonyl nitrile compound, safe in humans, inhibits the NLRP3 inflammasome and reverses the metabolic cost of inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1530-E1539. | 7.1 | 346 |
| 2 | NLRP3 inflammasome inhibitor OLT1177 suppresses joint inflammation in murine models of acute arthritis. Arthritis Research and Therapy, 2018, 20, 169. | 3.5 | 110 |
| 3 | IL-1R3 blockade broadly attenuates the functions of six members of the IL-1 family, revealing their contribution to models of disease. Nature Immunology, 2019, 20, 1138-1149. | 14.5 | 55 |
| 4 | Interleukin-37 treatment of mice with metabolic syndrome improves insulin sensitivity and reduces pro-inflammatory cytokine production in adipose tissue. Journal of Biological Chemistry, 2018, 293, 14224-14236. | 3.4 | 42 |
| 5 | Addressing Nanomaterial Immunotoxicity by Evaluating Innate Immunity across Living Species. Small, 2020, 16, e2000598. | 10.0 | 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. Journal of Colloid and Interface Science, 2021, 582, 678-700. | 9.4 | 27 |
| 7 | Gold Nanoparticles Modulate BCG-Induced Innate Immune Memory in Human Monocytes by Shifting the Memory Response towards Tolerance. Cells, 2020, 9, 284. | 4.1 | 25 |
| 8 | The Impact of Nanoparticles on Innate Immune Activation by Live Bacteria. International Journal of Molecular Sciences, 2020, 21, 9695. | 4.1 | 19 |
| 9 | PASylation of IL-1 receptor antagonist (IL-1Ra) retains IL-1 blockade and extends its duration in mouse urate crystal-induced peritonitis. Journal of Biological Chemistry, 2020, 295, 868-882. | 3.4 | 17 |
| 10 | Interaction between Macrophages and Nanoparticles: In Vitro 3D Cultures for the Realistic Assessment of Inflammatory Activation and Modulation of Innate Memory. Nanomaterials, 2021, 11, 207. | 4.1 | 15 |
| 11 | Surface Exposure of PEG and Amines on Biodegradable Nanoparticles as a Strategy to Tune Their Interaction with Protein-Rich Biological Media. Nanomaterials, 2019, 9, 1354. | 4.1 | 14 |
| 12 | Cross-Species Comparisons of Nanoparticle Interactions with Innate Immune Systems: A Methodological Review. Nanomaterials, 2021, 11, 1528. | 4.1 | 12 |
| 13 | PASylation of IL-1 receptor antagonist (IL-1Ra) retains IL-1 blockade and extends its duration in mouse urate crystal-induced peritonitis. Journal of Biological Chemistry, 2020, 295, 868-882. | 3.4 | 10 |
| 14 | Personalised Profiling of Innate Immune Memory Induced by Nano-Imaging Particles in Human Monocytes. Frontiers in Immunology, 2021, 12, 692165. | 4.8 | 10 |
| 15 | Interaction of engineered nanomaterials with the immune system: Health-related safety and possible benefits. Current Opinion in Toxicology, 2018, 10, 74-83. | 5.0 | 8 |
| 16 | Innate Memory Reprogramming by Gold Nanoparticles Depends on the Microbial Agents That Induce Memory. Frontiers in Immunology, 2021, 12, 751683. | 4.8 | 3 |