

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
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940134

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16
docs citations

16
times ranked

1128
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Cross-Species Comparisons of Nanoparticle Interactions with Innate Immune Systems: A Methodological Review. <i>Nanomaterials</i> , 2021, 11, 1528.	1.9	12
4	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
5	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
6	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
7	The Impact of Nanoparticles on Innate Immune Activation by Live Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9695.	1.8	19
8	Addressing Nanomaterial Immunotoxicity by Evaluating Innate Immunity across Living Species. <i>Small</i> , 2020, 16, e2000598.	5.2	35
9	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
10	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
11	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
12	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
13	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
14	OLT1177, a $\hat{1}^2$ -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
15	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
16	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