

Leon Newman

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

937
citations

623188

14
h-index

887659

17
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17
all docs

17
docs citations

17
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide is degraded by neutrophils and the degradation products are non-genotoxic. <i>Nanoscale</i> , 2018, 10, 1180-1188.	2.8	148
2	Single-cell mass cytometry and transcriptome profiling reveal the impact of graphene on human immune cells. <i>Nature Communications</i> , 2017, 8, 1109.	5.8	111
3	Detection of Endotoxin Contamination of Graphene Based Materials Using the TNF- α Expression Test and Guidelines for Endotoxin-Free Graphene Oxide Production. <i>PLoS ONE</i> , 2016, 11, e0166816.	1.1	84
4	Live Imaging of Label-Free Graphene Oxide Reveals Critical Factors Causing Oxidative-Stress-Mediated Cellular Responses. <i>ACS Nano</i> , 2018, 12, 1373-1389.	7.3	83
5	A blueprint for the synthesis and characterisation of thin graphene oxide with controlled lateral dimensions for biomedicine. <i>2D Materials</i> , 2018, 5, 035020.	2.0	73
6	The Effects of Extensive Glomerular Filtration of Thin Graphene Oxide Sheets on Kidney Physiology. <i>ACS Nano</i> , 2016, 10, 10753-10767.	7.3	70
7	Graphene Oxide Elicits Membrane Lipid Changes and Neutrophil Extracellular Trap Formation. <i>Chem</i> , 2018, 4, 334-358.	5.8	68
8	Enhanced organophilic separations with mixed matrix membranes of polymers of intrinsic microporosity and graphene-like fillers. <i>Journal of Membrane Science</i> , 2017, 526, 437-449.	4.1	57
9	Splenic Capture and <i>In Vivo</i> Intracellular Biodegradation of Biological-Grade Graphene Oxide Sheets. <i>ACS Nano</i> , 2020, 14, 10168-10186.	7.3	51
10	Size-Dependent Pulmonary Impact of Thin Graphene Oxide Sheets in Mice: Toward Safe-by-Design. <i>Advanced Science</i> , 2020, 7, 1903200.	5.6	44
11	Graphene Oxide Flakes Tune Excitatory Neurotransmission <i>In Vivo</i> by Targeting Hippocampal Synapses. <i>Nano Letters</i> , 2019, 19, 2858-2870.	4.5	43
12	Hypochlorite degrades 2D graphene oxide sheets faster than 1D oxidised carbon nanotubes and nanohorns. <i>Npj 2D Materials and Applications</i> , 2017, 1, .	3.9	26
13	Immunological impact of graphene oxide sheets in the abdominal cavity is governed by surface reactivity. <i>Archives of Toxicology</i> , 2018, 92, 3359-3379.	1.9	24
14	The impact of graphene oxide sheet lateral dimensions on their pharmacokinetic and tissue distribution profiles in mice. <i>Journal of Controlled Release</i> , 2021, 338, 330-340.	4.8	19
15	Enhanced Intraliposomal Metallic Nanoparticle Payload Capacity Using Microfluidic-Assisted Self-Assembly. <i>Langmuir</i> , 2019, 35, 13318-13331.	1.6	14
16	Impact of graphene oxide on human placental trophoblast viability, functionality and barrier integrity. <i>2D Materials</i> , 2018, 5, 035014.	2.0	12
17	Nose-to-Brain Translocation and Cerebral Biodegradation of Thin Graphene Oxide Nanosheets. <i>Cell Reports Physical Science</i> , 2020, 1, 100176.	2.8	10