Leon Newman

List of Publications by Year
in descending order

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17 papers	937 citations	623734 14 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	1494 citing authors

#	Article	IF	Citations
1	The impact of graphene oxide sheet lateral dimensions on their pharmacokinetic and tissue distribution profiles in mice. Journal of Controlled Release, 2021, 338, 330-340.	9.9	19
2	Splenic Capture and In Vivo Intracellular Biodegradation of Biological-Grade Graphene Oxide Sheets. ACS Nano, 2020, 14, 10168-10186.	14.6	51
3	Nose-to-Brain Translocation and Cerebral Biodegradation of Thin Graphene Oxide Nanosheets. Cell Reports Physical Science, 2020, 1, 100176.	5.6	10
4	Sizeâ€Ðependent Pulmonary Impact of Thin Graphene Oxide Sheets in Mice: Toward Safeâ€byâ€Ðesign. Advanced Science, 2020, 7, 1903200.	11.2	44
5	Enhanced Intraliposomal Metallic Nanoparticle Payload Capacity Using Microfluidic-Assisted Self-Assembly. Langmuir, 2019, 35, 13318-13331.	3.5	14
6	Graphene Oxide Flakes Tune Excitatory Neurotransmission in Vivo by Targeting Hippocampal Synapses. Nano Letters, 2019, 19, 2858-2870.	9.1	43
7	Graphene Oxide Elicits Membrane Lipid Changes and Neutrophil Extracellular Trap Formation. CheM, 2018, 4, 334-358.	11.7	68
8	Live Imaging of Label-Free Graphene Oxide Reveals Critical Factors Causing Oxidative-Stress-Mediated Cellular Responses. ACS Nano, 2018, 12, 1373-1389.	14.6	83
9	Impact of graphene oxide on human placental trophoblast viability, functionality and barrier integrity. 2D Materials, 2018, 5, 035014.	4.4	12
10	Graphene oxide is degraded by neutrophils and the degradation products are non-genotoxic. Nanoscale, 2018, 10, 1180-1188.	5.6	148
11	Immunological impact of graphene oxide sheets in the abdominal cavity is governed by surface reactivity. Archives of Toxicology, 2018, 92, 3359-3379.	4.2	24
12	A blueprint for the synthesis and characterisation of thin graphene oxide with controlled lateral dimensions for biomedicine. 2D Materials, 2018, 5, 035020.	4.4	73
13	Enhanced organophilic separations with mixed matrix membranes of polymers of intrinsic microporosity and graphene-like fillers. Journal of Membrane Science, 2017, 526, 437-449.	8.2	57
14	Single-cell mass cytometry and transcriptome profiling reveal the impact of graphene on human immune cells. Nature Communications, 2017, 8, 1109.	12.8	111
15	Hypochlorite degrades 2D graphene oxide sheets faster than 1D oxidised carbon nanotubes and nanohorns. Npj 2D Materials and Applications, 2017, 1, .	7.9	26
16	The Effects of Extensive Glomerular Filtration of Thin Graphene Oxide Sheets on Kidney Physiology. ACS Nano, 2016, 10, 10753-10767.	14.6	70
17	Detection of Endotoxin Contamination of Graphene Based Materials Using the TNF-Î± Expression Test and Guidelines for Endotoxin-Free Graphene Oxide Production. PLoS ONE, 2016, 11, e0166816.	2.5	84