

# Sheng Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3955920/publications.pdf>

Version: 2024-02-01

10  
papers

319  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

808  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic link between diesel exhaust particles and respiratory reflexes. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1074-1084.e9.	2.9	75
2	<i>Grafting from</i> versus <i>Grafting to</i> Approaches for the Functionalization of Graphene Nanoplatelets with Poly(methyl methacrylate). <i>Macromolecules</i> , 2017, 50, 7070-7079.	4.8	58
3	Aqueous cationic, anionic and non-ionic multi-walled carbon nanotubes, functionalised with minimal framework damage, for biomedical application. <i>Biomaterials</i> , 2014, 35, 4729-4738.	11.4	40
4	High resolution and dynamic imaging of biopersistence and bioreactivity of extra and intracellular MWNTs exposed to microglial cells. <i>Biomaterials</i> , 2015, 70, 57-70.	11.4	30
5	Quantification of blood-brain barrier transport and neuronal toxicity of unlabelled multiwalled carbon nanotubes as a function of surface charge. <i>Nanoscale</i> , 2019, 11, 22054-22069.	5.6	30
6	Translocation of Functionalized Multi-Walled Carbon Nanotubes across Human Pulmonary Alveolar Epithelium: Dominant Role of Epithelial Type 1 Cells. <i>ACS Nano</i> , 2016, 10, 5070-5085.	14.6	26
7	Carboxylation of multiwalled carbon nanotubes reduces their toxicity in primary human alveolar macrophages. <i>Environmental Science: Nano</i> , 2016, 3, 1340-1350.	4.3	26
8	Exploring Carbon Nanomaterial Diversity for Nucleation of Protein Crystals. <i>Scientific Reports</i> , 2016, 6, 20053.	3.3	23
9	Aqueous dispersions of oligomer-grafted carbon nanomaterials with controlled surface charge and minimal framework damage. <i>Faraday Discussions</i> , 2014, 173, 273-285.	3.2	7
10	Thermochemical functionalisation of graphenes with minimal framework damage. <i>Chemical Science</i> , 2017, 8, 6149-6154.	7.4	4