

# Lu Yan

## List of Publications by Year in descending order

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18  
papers

874  
citations

623734

14  
h-index

888059

17  
g-index

18  
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18  
docs citations

18  
times ranked

1740  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Application of Whole Cell-Based Biosensors for Use in Environmental Analysis and in Medical Diagnostics. <i>Sensors</i> , 2017, 17, 1623.	3.8	239
2	Can Graphene Oxide Cause Damage to Eyesight?. <i>Chemical Research in Toxicology</i> , 2012, 25, 1265-1270.	3.3	104
3	Aligned Nanofibers from Polypyrrole/Graphene as Electrodes for Regeneration of Optic Nerve via Electrical Stimulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6834-6840.	8.0	102
4	Electroactive and biocompatible hydroxyl- functionalized graphene by ball milling. <i>Journal of Materials Chemistry</i> , 2012, 22, 8367.	6.7	90
5	Two-Dimensional Fully Conjugated Polymeric Photosensitizers for Advanced Photodynamic Therapy. <i>Chemistry of Materials</i> , 2016, 28, 8651-8658.	6.7	47
6	High-Performance Intraocular Biosensors from Chitosan-Functionalized Nitrogen-Containing Graphene for the Detection of Glucose. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 673-679.	5.2	41
7	Optical Biosensors Based on Nitrogen-Doped Graphene Functionalized with Magnetic Nanoparticles. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600590.	3.7	40
8	A Metal-Polymer Hybrid Biomimetic System for use in the Chemodynamic-Enhanced Photothermal Therapy of Cancers. <i>Small</i> , 2020, 16, e2004161.	10.0	40
9	Multifunctional luminescent nanomaterials from NaLa(MoO <sub>4</sub> ) <sub>2</sub> :Eu <sup>3+</sup> /Tb <sup>3+</sup> with tunable decay lifetimes, emission colors and enhanced cell viability. <i>Scientific Reports</i> , 2015, 5, 11844.	3.3	39
10	Ocular biocompatibility evaluation of hydroxyl-functionalized graphene. <i>Materials Science and Engineering C</i> , 2015, 50, 300-308.	7.3	28
11	Cytotoxicity and genotoxicity of multi-walled carbon nanotubes with human ocular cells. <i>Science Bulletin</i> , 2013, 58, 2347-2352.	1.7	21
12	The Use of TAT Peptide-Functionalized Graphene as a Highly Nuclear-Targeting Carrier System for Suppression of Choroidal Melanoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4454.	4.1	19
13	A Transferrin Triggered Pathway for Highly Targeted Delivery of Graphene-Based Nanodrugs to Treat Choroidal Melanoma. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800377.	7.6	16
14	Polyaniline Functionalized Graphene Nanoelectrodes for the Regeneration of PC12 Cells via Electrical Stimulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2013.	4.1	16
15	Wearable Corneal Biosensors Fabricated from PEDOT Functionalized Sulfur-Doped Graphene for Use in the Early Detection of Myopia. <i>Advanced Materials Technologies</i> , 2020, 5, 2000682.	5.8	15
16	Cytotoxicity of Single-Walled Carbon Nanotubes with Human Ocular Cells. <i>Advanced Materials Research</i> , 0, 287-290, 32-36.	0.3	8
17	Hydroxyl-Functional Groups on Graphene Trigger the Targeted Delivery of Antitumor Drugs. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1420-1429.	1.1	6
18	The Efficient Regeneration of Corneal Nerves via Tunable Transmembrane Signaling Channels Using a Transparent Graphene-Based Corneal Stimulation Electrode. <i>Advanced Healthcare Materials</i> , 2022, , 2101667.	7.6	3