Lu Yan

List of Publications by Year
in descending order

18	874	623734 14	888059 17
papers	citations	h-index	g-index

18	18	18	1740
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Efficient Regeneration of Corneal Nerves via Tunable Transmembrane Signaling Channels Using a Transparent Grapheneâ€Based Corneal Stimulation Electrode. Advanced Healthcare Materials, 2022, , 2101667.	7.6	3
2	High-Performance Intraocular Biosensors from Chitosan-Functionalized Nitrogen-Containing Graphene for the Detection of Glucose. ACS Biomaterials Science and Engineering, 2020, 6, 673-679.	5.2	41
3	A Metalâ€“Polymer Hybrid Biomimetic System for use in the Chemodynamicâ€Enhanced Photothermal Therapy of Cancers. Small, 2020, 16, e2004161.	10.0	40
4	Wearable Corneal Biosensors Fabricated from PEDOT Functionalized Sulfurâ€Doped Graphene for Use in the Early Detection of Myopia. Advanced Materials Technologies, 2020, 5, 2000682.	5.8	15
5	The Use of TAT Peptide-Functionalized Graphene as a Highly Nuclear-Targeting Carrier System for Suppression of Choroidal Melanoma. International Journal of Molecular Sciences, 2019, 20, 4454.	4.1	19
6	Polyaniline Functionalized Graphene Nanoelectrodes for the Regeneration of PC12 Cells via Electrical Stimulation. International Journal of Molecular Sciences, 2019, 20, 2013.	4.1	16
7	A Transferrin Triggered Pathway for Highly Targeted Delivery of Grapheneâ€Based Nanodrugs to Treat Choroidal Melanoma. Advanced Healthcare Materials, 2018, 7, e1800377.	7.6	16
8	Hydroxyl-Functional Groups on Graphene Trigger the Targeted Delivery of Antitumor Drugs. Journal of Biomedical Nanotechnology, 2018, 14, 1420-1429.	1.1	6
9	The Application of Whole Cell-Based Biosensors for Use in Environmental Analysis and in Medical Diagnostics. Sensors, 2017, 17, 1623.	3.8	239
10	Optical Biosensors Based on Nitrogenâ€Doped Graphene Functionalized with Magnetic Nanoparticles. Advanced Materials Interfaces, 2016, 3, 1600590.	3.7	40
11	Two-Dimensional Fully Conjugated Polymeric Photosensitizers for Advanced Photodynamic Therapy. Chemistry of Materials, 2016, 28, 8651-8658.	6.7	47
12	Aligned Nanofibers from Polypyrrole/Graphene as Electrodes for Regeneration of Optic Nerve via Electrical Stimulation. ACS Applied Materials & Interfaces, 2016, 8, 6834-6840.	8.0	102
13	Multifunctional luminescent nanomaterials from NaLa(MoO4)2:Eu3+/Tb3+ with tunable decay lifetimes, emission colors and enhanced cell viability. Scientific Reports, 2015, 5, 11844.	3.3	39
14	Ocular biocompatibility evaluation of hydroxyl-functionalized graphene. Materials Science and Engineering C, 2015, 50, 300-308.	7.3	28
15	Cytotoxicity and genotoxicity of multi-walled carbon nanotubes with human ocular cells. Science Bulletin, 2013, 58, 2347-2352.	1.7	21
16	Can Graphene Oxide Cause Damage to Eyesight?. Chemical Research in Toxicology, 2012, 25, 1265-1270.	3.3	104
17	Electroactive and biocompatible hydroxyl- functionalized graphene by ball milling. Journal of Materials Chemistry, 2012, 22, 8367.	6.7	90
18	Cytotoxicity of Single-Walled Carbon Nanotubes with Human Ocular Cells. Advanced Materials Research, 0, 287-290, 32-36.	0.3	8