

Andrew G Mayes

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,463
citations

566801

15
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid-screening approach to detect and quantify microplastics based on fluorescent tagging with Nile Red. <i>Scientific Reports</i> , 2017, 7, 44501.	1.6	540
2	Microplastic ingestion ubiquitous in marine turtles. <i>Global Change Biology</i> , 2019, 25, 744-752.	4.2	210
3	Molecularly Imprinted Polymer Coated Quantum Dots for Multiplexed Cell Targeting and Imaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8244-8248.	7.2	140
4	Microplastics and nanoplastics in the marine-atmosphere environment. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 393-405.	12.2	121
5	Optical Fibre Sensors Using Graphene-Based Materials: A Review. <i>Sensors</i> , 2017, 17, 155.	2.1	99
6	High-performance optical fiber humidity sensor based on lossy mode resonance using a nanostructured polyethylenimine and graphene oxide coating. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 408-414.	4.0	47
7	Molecularly Imprinted Polymer Coated Quantum Dots for Multiplexed Cell Targeting and Imaging. <i>Angewandte Chemie</i> , 2016, 128, 8384-8388.	1.6	36
8	Molecularly Imprinted Silver-Halide Reflection Holograms for Label-Free Opto-Chemical Sensing. <i>Advanced Functional Materials</i> , 2014, 24, 688-694.	7.8	29
9	Enhanced covalent p-phenylenediamine crosslinked graphene oxide membranes: Towards superior contaminant removal from wastewaters and improved membrane reusability. <i>Journal of Hazardous Materials</i> , 2019, 380, 120840.	6.5	29
10	Ultrathin Selective Molecularly Imprinted Polymer Microdots Obtained by Evanescent Wave Photopolymerization. <i>Chemistry of Materials</i> , 2011, 23, 3645-3651.	3.2	27
11	Graphene Oxide in Lossy Mode Resonance-Based Optical Fiber Sensors for Ethanol Detection. <i>Sensors</i> , 2018, 18, 58.	2.1	26
12	Magnetic hyperthermia controlled drug release in the GI tract: solving the problem of detection. <i>Scientific Reports</i> , 2016, 6, 34271.	1.6	23
13	Doping Group IIB Metal Ions into Quantum Dot Shells via the One-Pot Decomposition of Metal-Dithiocarbamates. <i>Advanced Optical Materials</i> , 2015, 3, 704-712.	3.6	19
14	A SPION-eicosane protective coating for water soluble capsules: Evidence for on-demand drug release triggered by magnetic hyperthermia. <i>Scientific Reports</i> , 2016, 6, 20271.	1.6	19
15	SWCNT photocathodes sensitised with InP/ZnS core-shell nanocrystals. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3379-3384.	2.7	15
16	Understanding and preventing the formation of deformed polymer particles during synthesis by a seeded polymerization method. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2070-2080.	2.5	14
17	Lossy Mode Resonance Generation by Graphene Oxide Coatings Onto Cladding-Removed Multimode Optical Fiber. <i>IEEE Sensors Journal</i> , 2019, 19, 6187-6192.	2.4	14
18	An Insight into the Growing Concerns of Styrene Monomer and Poly(Styrene) Fragment Migration into Food and Drink Simulants from Poly(Styrene) Packaging. <i>Foods</i> , 2021, 10, 1136.	1.9	14

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19	PD1 blockade potentiates the therapeutic efficacy of photothermally-activated and MRI-guided low temperature-sensitive magnetoliposomes. <i>Journal of Controlled Release</i> , 2021, 332, 419-433.	4.8	11
20	Solid-state thermal stability and degradation of a family of poly(<i>N</i> -isopropylacrylamide-co- <i>N</i> -hydroxymethylacrylamide) copolymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5848-5855.	2.5	10
21	Inkjet Printing of Polyacrylic Acid-Coated Silver Nanoparticle Ink onto Paper with Sub-100 Micron Pixel Size. <i>Materials</i> , 2019, 12, 2277.	1.3	9
22	Sensitivity enhancement of lossy mode resonance-based ethanol sensors by graphene oxide coatings. , 2017, , .		4
23	Holographic Molecularly Imprinted Polymers for Label-Free Chemical Sensing (<i>Adv. Mater.</i> 4/2013). <i>Advanced Materials</i> , 2013, 25, 565-565.	11.1	1