Nicholas J Morris

List of Publications by Year
in descending order

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24 papers	756 citations	516710 16 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1136 citing authors

#	Article	IF	Citations
1	Mass spectrometry imaging of triglycerides in biological tissues by laser desorption ionization from silicon nanopost arrays. Journal of Mass Spectrometry, 2020, 55, e4443.	1.6	18
2	Graphene-based encapsulation of liquid metal particles. Nanoscale, 2020, 12, 23995-24005.	5.6	37
3	Remote ablation chamber for high efficiency particle transfer in laser ablation electrospray ionization mass spectrometry. Analyst, The, 2020, 145, 5861-5869.	3.5	1
4	Multimodal imaging of biological tissues using combined MALDI and NAPA-LDI mass spectrometry for enhanced molecular coverage. Analyst, The, 2020, 145, 6910-6918.	3.5	21
5	Chemically modifying the mechanical properties of coreâ€“shell liquid metal nanoparticles. Nanoscale, 2019, 11, 17308-17318.	5.6	45
6	High Throughput Complementary Analysis and Quantitation of Metabolites by MALDI- and Silicon Nanopost Array-Laser Desorption/Ionization-Mass Spectrometry. Analytical Chemistry, 2019, 91, 3951-3958.	6.5	32
7	Mass Spectrometry Imaging of Lipids in Human Skin Disease Model Hidradenitis Suppurativa by Laser Desorption Ionization from Silicon Nanopost Arrays. Scientific Reports, 2019, 9, 17508.	3.3	28
8	Matrixâ€free mass spectrometry imaging of mouse brain tissue sections on silicon nanopost arrays. Journal of Comparative Neurology, 2019, 527, 2101-2121.	1.6	23
9	Enhanced sensitivity and metabolite coverage with remote laser ablation electrospray ionization-mass spectrometry aided by coaxial plume and gas dynamics. Analyst, The, 2017, 142, 3157-3164.	3.5	9
10	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. Angewandte Chemie, 2016, 128, 4558-4562.	2.0	16
11	Large-Scale Metabolite Analysis of Standards and Human Serum by Laser Desorption Ionization Mass Spectrometry from Silicon Nanopost Arrays. Analytical Chemistry, 2016, 88, 8989-8996.	6.5	38
12	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. Angewandte Chemie - International Edition, 2016, 55, 4482-4486.	13.8	86
13	Laser desorption ionization (LDI) silicon nanopost array chips fabricated using deep UV projection lithography and deep reactive ion etching. RSC Advances, 2015, 5, 72051-72057.	3.6	31
14	Tribological investigation of piezoelectric ZnO films for rolling contact-based energy harvesting and sensing applications. Thin Solid Films, 2014, 555, 68-75.	1.8	6
15	Controlled buckling behavior of patterned oxide structures on compliant substrates for flexible optoelectronics. Thin Solid Films, 2013, 549, 268-275.	1.8	4
16	Mechano-chemical degradation of flexible electrodes for optoelectronic device applications. Thin Solid Films, 2013, 549, 251-257.	1.8	4
17	Polymer Skins With Switchable Roughness. , 2011, , .		0
18	Durable transparent carbon nanotube films for flexible device components. Thin Solid Films, 2010, 518, 6977-6983.	1.8	60

#	Article	IF	Citations
19	Mechanical properties of ZnO thin films deposited on polyester substrates used in flexible device applications. Thin Solid Films, 2010, 519, 325-330.	1.8	63
20	Stressâ€“corrosion cracking of indium tin oxide coated polyethylene terephthalate for flexible optoelectronic devices. Thin Solid Films, 2009, 517, 2590-2595.	1.8	139
21	Zirconia solâ€“gel coatings on aluminaâ€“silica refractory material for improved corrosion resistance. Surface and Coatings Technology, 2009, 204, 477-483.	4.8	30
22	Dry and wet sliding wear of ITO-coated PET components used in flexible optoelectronic applications. Wear, 2009, 267, 625-631.	3.1	64
23	Mechanical Integrity of Hybrid Components used in Flexible Optoelectronic Devices. Materials Research Society Symposia Proceedings, 2008, 1075, 1.	0.1	0
24	Pâ€73: Mechanical Assisted Corrosion: An Investigation of Thin Film Components used in Flexible Optoelectronic Applications. Digest of Technical Papers SID International Symposium, 2008, 39, 1461-1464.	0.3	1