

Nicholas J Morris

List of Publications by Year in descending order

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Version: 2024-02-01

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	Stressâ€corrosion cracking of indium tin oxide coated polyethylene terephthalate for flexible optoelectronic devices. <i>Thin Solid Films</i> , 2009, 517, 2590-2595.	1.8	139
2	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4482-4486.	13.8	86
3	Dry and wet sliding wear of ITO-coated PET components used in flexible optoelectronic applications. <i>Wear</i> , 2009, 267, 625-631.	3.1	64
4	Mechanical properties of ZnO thin films deposited on polyester substrates used in flexible device applications. <i>Thin Solid Films</i> , 2010, 519, 325-330.	1.8	63
5	Durable transparent carbon nanotube films for flexible device components. <i>Thin Solid Films</i> , 2010, 518, 6977-6983.	1.8	60
6	Chemically modifying the mechanical properties of coreâ€shell liquid metal nanoparticles. <i>Nanoscale</i> , 2019, 11, 17308-17318.	5.6	45
7	Large-Scale Metabolite Analysis of Standards and Human Serum by Laser Desorption Ionization Mass Spectrometry from Silicon Nanopost Arrays. <i>Analytical Chemistry</i> , 2016, 88, 8989-8996.	6.5	38
8	Graphene-based encapsulation of liquid metal particles. <i>Nanoscale</i> , 2020, 12, 23995-24005.	5.6	37
9	High Throughput Complementary Analysis and Quantitation of Metabolites by MALDI- and Silicon Nanopost Array-Laser Desorption/Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3951-3958.	6.5	32
10	Laser desorption ionization (LDI) silicon nanopost array chips fabricated using deep UV projection lithography and deep reactive ion etching. <i>RSC Advances</i> , 2015, 5, 72051-72057.	3.6	31
11	Zirconia solâ€gel coatings on aluminaâ€silica refractory material for improved corrosion resistance. <i>Surface and Coatings Technology</i> , 2009, 204, 477-483.	4.8	30
12	Mass Spectrometry Imaging of Lipids in Human Skin Disease Model Hidradenitis Suppurativa by Laser Desorption Ionization from Silicon Nanopost Arrays. <i>Scientific Reports</i> , 2019, 9, 17508.	3.3	28
13	Matrixâ€free mass spectrometry imaging of mouse brain tissue sections on silicon nanopost arrays. <i>Journal of Comparative Neurology</i> , 2019, 527, 2101-2121.	1.6	23
14	Multimodal imaging of biological tissues using combined MALDI and NAPA-LDI mass spectrometry for enhanced molecular coverage. <i>Analyst, The</i> , 2020, 145, 6910-6918.	3.5	21
15	Mass spectrometry imaging of triglycerides in biological tissues by laser desorption ionization from silicon nanopost arrays. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4443.	1.6	18
16	Molecular Imaging of Biological Samples on Nanophotonic Laser Desorption Ionization Platforms. <i>Angewandte Chemie</i> , 2016, 128, 4558-4562.	2.0	16
17	Enhanced sensitivity and metabolite coverage with remote laser ablation electrospray ionization-mass spectrometry aided by coaxial plume and gas dynamics. <i>Analyst, The</i> , 2017, 142, 3157-3164.	3.5	9
18	Tribological investigation of piezoelectric ZnO films for rolling contact-based energy harvesting and sensing applications. <i>Thin Solid Films</i> , 2014, 555, 68-75.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Controlled buckling behavior of patterned oxide structures on compliant substrates for flexible optoelectronics. <i>Thin Solid Films</i> , 2013, 549, 268-275.	1.8	4
20	Mechano-chemical degradation of flexible electrodes for optoelectronic device applications. <i>Thin Solid Films</i> , 2013, 549, 251-257.	1.8	4
21	Pâ€73: Mechanical Assisted Corrosion: An Investigation of Thin Film Components used in Flexible Optoelectronic Applications. <i>Digest of Technical Papers SID International Symposium</i> , 2008, 39, 1461-1464.	0.3	1
22	Remote ablation chamber for high efficiency particle transfer in laser ablation electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2020, 145, 5861-5869.	3.5	1
23	Mechanical Integrity of Hybrid Components used in Flexible Optoelectronic Devices. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1075, 1.	0.1	0
24	Polymer Skins With Switchable Roughness. , 2011, , .		0