David C Yeo

List of Publications by Year
in descending order

22	761	758635 12	713013 21
papers	citations	h-index	g-index

22	22	22	1092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Framework nucleic acids as programmable carrier for transdermal drug delivery. Nature Communications, 2019, 10, 1147.	5.8	178
2	Nearâ€Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. Angewandte Chemie - International Edition, 2018, 57, 1256-1260.	7.2	150
3	Abnormal scar identification with spherical-nucleic-acid technology. Nature Biomedical Engineering, 2018, 2, 227-238.	11.6	67
4	Upconversion Nanoparticle Powered Microneedle Patches for Transdermal Delivery of siRNA. Advanced Healthcare Materials, 2020, 9, e1900635.	3.9	57
5	Peptide delivery with poly(ethylene glycol) diacrylate microneedles through swelling effect. Bioengineering and Translational Medicine, 2017, 2, 258-267.	3.9	52
6	Nearâ€Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. Angewandte Chemie, 2018, 130, 1270-1274.	1.6	46
7	Nanosensors for Continuous and Noninvasive Monitoring of Mesenchymal Stem Cell Osteogenic Differentiation. Small, 2016, 12, 1342-1350.	5.2	39
8	Microneedle physical contact as a therapeutic for abnormal scars. European Journal of Medical Research, 2017, 22, 28.	0.9	35
9	Molecular beacon-loaded polymeric nanoparticles for non-invasive imaging of mRNA expression. Journal of Materials Chemistry B, 2015, 3, 6148-6156.	2.9	22
10	Interference-free Micro/nanoparticle Cell Engineering by Use of High-Throughput Microfluidic Separation. ACS Applied Materials & Interfaces, 2015, 7, 20855-20864.	4.0	21
11	Nanosensors for Regenerative Medicine. Journal of Biomedical Nanotechnology, 2014, 10, 2722-2746.	0.5	14
12	Realâ€Time Imaging of Dynamic Cell Reprogramming with Nanosensors. Small, 2018, 14, e1703440.	5.2	13
13	Functional Imaging with Nucleicâ€Acidâ€Based Sensors: Technology, Application and Future Healthcare Prospects. ChemBioChem, 2019, 20, 437-450.	1.3	13
14	Noninvasive Monitoring of Three-Dimensional Chondrogenic Constructs Using Molecular Beacon Nanosensors. Tissue Engineering - Part C: Methods, 2017, 23, 12-20.	1.1	11
15	Anti-Scarring Drug Screening with Near-Infrared Molecular Probes Targeting Fibroblast Activation Protein-Î±. ACS Applied Bio Materials, 2018, 1, 2054-2061.	2.3	11
16	Oligonucleotide Molecular Sprinkler for Intracellular Detection and Spontaneous Regulation of mRNA for Theranostics of Scar Fibroblasts. Small, 2018, 14, e1802546.	5.2	8
17	Polymeric Biomaterials for Management of Pathological Scarring. ACS Applied Polymer Materials, 2019, 1, 612-624.	2.0	8
18	Framework Nucleic Acids: A Paradigm Shift in Transdermal Drug Delivery. SLAS Technology, 2019, 24, 531-532.	1.0	5

#	Article	IF	Citations
19	Cell Engineering with Nanoparticles for Cell Imaging. , 2014, , 241-251.		4
20	Attenuation of Abnormal Scarring Using Spherical Nucleic Acids Targeting Transforming Growth Factor Beta 1. ACS Applied Bio Materials, 2020, 3, 8603-8610.	2.3	4
21	Microfluidic Buffer Exchange for Interference-free Micro/Nanoparticle Cell Engineering. Journal of Visualized Experiments, 2016, , .	0.2	2
22	Simplifying Skin Disease Diagnosis with Topical Nanotechnology. SLAS Technology, 2018, 23, 401-403.	1.0	1