

# David C Yeo

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

761  
citations

758635

12  
h-index

713013

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upconversion Nanoparticle Powered Microneedle Patches for Transdermal Delivery of siRNA. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900635.	3.9	57
2	Attenuation of Abnormal Scarring Using Spherical Nucleic Acids Targeting Transforming Growth Factor Beta 1. <i>ACS Applied Bio Materials</i> , 2020, 3, 8603-8610.	2.3	4
3	Framework Nucleic Acids: A Paradigm Shift in Transdermal Drug Delivery. <i>SLAS Technology</i> , 2019, 24, 531-532.	1.0	5
4	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019, 10, 1147.	5.8	178
5	Polymeric Biomaterials for Management of Pathological Scarring. <i>ACS Applied Polymer Materials</i> , 2019, 1, 612-624.	2.0	8
6	Functional Imaging with Nucleic Acid-Based Sensors: Technology, Application and Future Healthcare Prospects. <i>ChemBioChem</i> , 2019, 20, 437-450.	1.3	13
7	Real-Time Imaging of Dynamic Cell Reprogramming with Nanosensors. <i>Small</i> , 2018, 14, e1703440.	5.2	13
8	Abnormal scar identification with spherical-nucleic-acid technology. <i>Nature Biomedical Engineering</i> , 2018, 2, 227-238.	11.6	67
9	Near-Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. <i>Angewandte Chemie</i> , 2018, 130, 1270-1274.	1.6	46
10	Near-Infrared Fluorescent Molecular Probe for Sensitive Imaging of Keloid. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1256-1260.	7.2	150
11	Anti-Scarring Drug Screening with Near-Infrared Molecular Probes Targeting Fibroblast Activation Protein-1. <i>ACS Applied Bio Materials</i> , 2018, 1, 2054-2061.	2.3	11
12	Oligonucleotide Molecular Sprinkler for Intracellular Detection and Spontaneous Regulation of mRNA for Theranostics of Scar Fibroblasts. <i>Small</i> , 2018, 14, e1802546.	5.2	8
13	Simplifying Skin Disease Diagnosis with Topical Nanotechnology. <i>SLAS Technology</i> , 2018, 23, 401-403.	1.0	1
14	Peptide delivery with poly(ethylene glycol) diacrylate microneedles through swelling effect. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 258-267.	3.9	52
15	Noninvasive Monitoring of Three-Dimensional Chondrogenic Constructs Using Molecular Beacon Nanosensors. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 12-20.	1.1	11
16	Microneedle physical contact as a therapeutic for abnormal scars. <i>European Journal of Medical Research</i> , 2017, 22, 28.	0.9	35
17	Nanosensors for Continuous and Noninvasive Monitoring of Mesenchymal Stem Cell Osteogenic Differentiation. <i>Small</i> , 2016, 12, 1342-1350.	5.2	39
18	Microfluidic Buffer Exchange for Interference-free Micro/Nanoparticle Cell Engineering. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	2

#	ARTICLE	IF	CITATIONS
19	Interference-free Micro/nanoparticle Cell Engineering by Use of High-Throughput Microfluidic Separation. ACS Applied Materials & Interfaces, 2015, 7, 20855-20864.	4.0	21
20	Molecular beacon-loaded polymeric nanoparticles for non-invasive imaging of mRNA expression. Journal of Materials Chemistry B, 2015, 3, 6148-6156.	2.9	22
21	Nanosensors for Regenerative Medicine. Journal of Biomedical Nanotechnology, 2014, 10, 2722-2746.	0.5	14
22	Cell Engineering with Nanoparticles for Cell Imaging. , 2014, , 241-251.		4