

Edward A Sykes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10482053/publications.pdf>

Version: 2024-02-01

15
papers

2,524
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

5427
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of hard-nanomaterial clearance by the liver. <i>Nature Materials</i> , 2016, 15, 1212-1221.	27.5	686
2	Investigating the Impact of Nanoparticle Size on Active and Passive Tumor Targeting Efficiency. <i>ACS Nano</i> , 2014, 8, 5696-5706.	14.6	528
3	Hypoxic Pulmonary Vasoconstriction. <i>Chest</i> , 2017, 151, 181-192.	0.8	292
4	Tailoring nanoparticle designs to target cancer based on tumor pathophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1142-51.	7.1	228
5	Nanoparticle-blood interactions: the implications on solid tumour targeting. <i>Chemical Communications</i> , 2015, 51, 2756-2767.	4.1	226
6	Dynamic interaction networks in a hierarchically organized tissue. <i>Molecular Systems Biology</i> , 2010, 6, 417.	7.2	122
7	A digital microfluidic system for serological immunoassays in remote settings. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	117
8	Nanoparticle exposure in animals can be visualized in the skin and analysed via skin biopsy. <i>Nature Communications</i> , 2014, 5, 3796.	12.8	106
9	Cell-cell interaction networks regulate blood stem and progenitor cell fate. <i>Molecular Systems Biology</i> , 2009, 5, 293.	7.2	105
10	Ndufs2, a Core Subunit of Mitochondrial Complex I, Is Essential for Acute Oxygen-Sensing and Hypoxic Pulmonary Vasoconstriction. <i>Circulation Research</i> , 2019, 124, 1727-1746.	4.5	67
11	The influence of physiological environment on the targeting effect of aptamer-guided gold nanoparticles. <i>Nano Research</i> , 2019, 12, 129-135.	10.4	20
12	An epigenetic increase in mitochondrial fission by MiD49 and MiD51 regulates the cell cycle in cancer: Diagnostic and therapeutic implications. <i>FASEB Journal</i> , 2020, 34, 5106-5127.	0.5	16
13	Comparing the tensile strength of square and reversing half-hitch alternating post knots. <i>Canadian Journal of Surgery</i> , 2017, 60, 179-185.	1.2	8
14	Comparison of knot-tying proficiency and knot characteristics for square and reversing half hitch alternating-post surgical knots in a simulated deep body cavity among novice medical students. <i>Canadian Journal of Surgery</i> , 2018, 61, 385-391.	1.2	3
15	Evaluating bowel enterotomy closures in simulated deep body cavities using the reversing half-hitch alternating post and square knots: a randomized controlled trial. <i>Canadian Journal of Surgery</i> , 2021, 64, E59-E65.	1.2	0