Aung Than

List of Publications by Year
in descending order

27 papers	2,085 citations	331259 21 h-index	500791 28 g-index
28 all docs	28 docs citations	28 times ranked	3351 citing authors

#	Article	IF	Citations
1	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. Advanced Materials, 2017, 29, 1702243.	11.1	303
2	Graphene Quantum Dots as Universal Fluorophores and Their Use in Revealing Regulated Trafficking of Insulin Receptors in Adipocytes. ACS Nano, 2013, 7, 6278-6286.	7.3	229
3	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. Nature Communications, 2018, 9, 4433.	5.8	209
4	Nitrogen and phosphorus co-doped graphene quantum dots: synthesis from adenosine triphosphate, optical properties, and cellular imaging. Nanoscale, 2015, 7, 8159-8165.	2.8	174
5	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. ACS Nano, 2016, 10, 3622-3629.	7.3	145
6	Cryomicroneedles for transdermal cell delivery. Nature Biomedical Engineering, 2021, 5, 1008-1018.	11.6	97
7	Apelin Attenuates Oxidative Stress in Human Adipocytes. Journal of Biological Chemistry, 2014, 289, 3763-3774.	1.6	92
8	Apelin inhibits adipogenesis and lipolysis through distinct molecular pathways. Molecular and Cellular Endocrinology, 2012, 362, 227-241.	1.6	89
9	Transdermal Delivery of Antiâ€Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. Small Methods, 2017, 1, 1700269.	4.6	88
10	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. Journal of Biological Chemistry, 2015, 290, 14679-14691.	1.6	87
11	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. ACS Nano, 2016, 10, 11475-11482.	7.3	71
12	Control of Adipogenesis by the Autocrine Interplays between Angiotensin 1â€“7/Mas Receptor and Angiotensin II/AT1 Receptor Signaling Pathways. Journal of Biological Chemistry, 2013, 288, 15520-15531.	1.6	57
13	Sugarâ€Based Synthesis of Tamiflu and Its Inhibitory Effects on Cell Secretion. Chemistry - A European Journal, 2010, 16, 4533-4540.	1.7	48
14	Angiotensin type 2 receptor activation promotes browning of white adipose tissue and brown adipogenesis. Signal Transduction and Targeted Therapy, 2017, 2, 17022.	7.1	47
15	Sweet graphene quantum dots for imaging carbohydrate receptors in live cells. FlatChem, 2017, 5, 25-32.	2.8	46
16	Enzymeless multi-sugar fuel cells with high power output based on 3D grapheneâ€“Co3O4 hybrid electrodes. Physical Chemistry Chemical Physics, 2013, 15, 9170.	1.3	42
17	Graphene quantum dots based fluorescence turn-on nanoprobe for highly sensitive and selective imaging of hydrogen sulfide in living cells. Biomaterials Science, 2018, 6, 779-784.	2.6	42
18	Vesicular storage, vesicle trafficking, and secretion of leptin and resistin: the similarities, differences, and interplays. Journal of Endocrinology, 2010, 206, 27-36.	1.2	38

#	Article	IF	Citations
19	Transdermal Photothermal-Pharmacotherapy to Remodel Adipose Tissue for Obesity and Metabolic Disorders. ACS Nano, 2022, 16, 1813-1825.	7.3	32
20	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. Materials Horizons, 2014, 1, 529-534.	6.4	30
21	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. Advanced Therapeutics, 2019, 2, 1900064.	1.6	28
22	The crosstalks between adipokines and catecholamines. Molecular and Cellular Endocrinology, 2011, 332, 261-270.	1.6	21
23	Apelin secretion and expression of apelin receptors in 3T3-L1 adipocytes are differentially regulated by angiotensin type 1 and type 2 receptors. Molecular and Cellular Endocrinology, 2012, 351, 296-305.	1.6	21
24	Transdermal theranostics. View, 2020, 1, e21.	2.7	17
25	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. Materials Chemistry Frontiers, 2017, 1, 152-157.	3.2	11
26	Kainate Receptors Mediate Regulated Exocytosis of Secretory Phospholipase A2 in SH-SY5Y Neuroblastoma Cells. NeuroSignals, 2012, 20, 72-85.	0.5	9
27	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. Small, 2020, 16, 2002872.	5.2	8