

Aung Than

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,085
citations

331670

21
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

3351
citing authors

#	ARTICLE	IF	CITATIONS
1	Transdermal Photothermal-Pharmacotherapy to Remodel Adipose Tissue for Obesity and Metabolic Disorders. ACS Nano, 2022, 16, 1813-1825.	14.6	32
2	Cryomicroneedles for transdermal cell delivery. Nature Biomedical Engineering, 2021, 5, 1008-1018.	22.5	97
3	Transdermal theranostics. View, 2020, 1, e21.	5.3	17
4	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. Small, 2020, 16, 2002872.	10.0	8
5	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. Advanced Therapeutics, 2019, 2, 1900064.	3.2	28
6	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.	5.4	42
7	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. Nature Communications, 2018, 9, 4433.	12.8	209
8	Transdermal Delivery of Anti-Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. Small Methods, 2017, 1, 1700269.	8.6	88
9	Angiotensin type 2 receptor activation promotes browning of white adipose tissue and brown adipogenesis. Signal Transduction and Targeted Therapy, 2017, 2, 17022.	17.1	47
10	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. Advanced Materials, 2017, 29, 1702243.	21.0	303
11	Sweet graphene quantum dots for imaging carbohydrate receptors in live cells. FlatChem, 2017, 5, 25-32.	5.6	46
12	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. Materials Chemistry Frontiers, 2017, 1, 152-157.	5.9	11
13	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. ACS Nano, 2016, 10, 11475-11482.	14.6	71
14	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. ACS Nano, 2016, 10, 3622-3629.	14.6	145
15	Nitrogen and phosphorus co-doped graphene quantum dots: synthesis from adenosine triphosphate, optical properties, and cellular imaging. Nanoscale, 2015, 7, 8159-8165.	5.6	174
16	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. Journal of Biological Chemistry, 2015, 290, 14679-14691.	3.4	87
17	Apelin Attenuates Oxidative Stress in Human Adipocytes. Journal of Biological Chemistry, 2014, 289, 3763-3774.	3.4	92
18	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. Materials Horizons, 2014, 1, 529-534.	12.2	30

#	ARTICLE	IF	CITATIONS
19	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.	3.4	57
20	Enzymeless multi-sugar fuel cells with high power output based on 3D grapheneâ€“Co3O4 hybrid electrodes. Physical Chemistry Chemical Physics, 2013, 15, 9170.	2.8	42
21	Graphene Quantum Dots as Universal Fluorophores and Their Use in Revealing Regulated Trafficking of Insulin Receptors in Adipocytes. ACS Nano, 2013, 7, 6278-6286.	14.6	229
22	Kainate Receptors Mediate Regulated Exocytosis of Secretory Phospholipase A2 in SH-SY5Y Neuroblastoma Cells. NeuroSignals, 2012, 20, 72-85.	0.9	9
23	Apelin inhibits adipogenesis and lipolysis through distinct molecular pathways. Molecular and Cellular Endocrinology, 2012, 362, 227-241.	3.2	89
24	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.	3.2	21
25	The crosstalks between adipokines and catecholamines. Molecular and Cellular Endocrinology, 2011, 332, 261-270.	3.2	21
26	Sugarâ€“Based Synthesis of Tamiflu and Its Inhibitory Effects on Cell Secretion. Chemistry - A European Journal, 2010, 16, 4533-4540.	3.3	48
27	Vesicular storage, vesicle trafficking, and secretion of leptin and resistin: the similarities, differences, and interplays. Journal of Endocrinology, 2010, 206, 27-36.	2.6	38