

# Aung Than

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Transdermal Photothermal-Pharmacotherapy to Remodel Adipose Tissue for Obesity and Metabolic Disorders. <i>ACS Nano</i> , 2022, 16, 1813-1825.	7.3	32
2	Cryomicroneedles for transdermal cell delivery. <i>Nature Biomedical Engineering</i> , 2021, 5, 1008-1018.	11.6	97
3	Transdermal theranostics. <i>View</i> , 2020, 1, e21.	2.7	17
4	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. <i>Small</i> , 2020, 16, 2002872.	5.2	8
5	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. <i>Advanced Therapeutics</i> , 2019, 2, 1900064.	1.6	28
6	Graphene quantum dots based fluorescence turn-on nanoprobe for highly sensitive and selective imaging of hydrogen sulfide in living cells. <i>Biomaterials Science</i> , 2018, 6, 779-784.	2.6	42
7	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. <i>Nature Communications</i> , 2018, 9, 4433.	5.8	209
8	Transdermal Delivery of Anti-Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. <i>Small Methods</i> , 2017, 1, 1700269.	4.6	88
9	Angiotensin type 2 receptor activation promotes browning of white adipose tissue and brown adipogenesis. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17022.	7.1	47
10	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. <i>Advanced Materials</i> , 2017, 29, 1702243.	11.1	303
11	Sweet graphene quantum dots for imaging carbohydrate receptors in live cells. <i>FlatChem</i> , 2017, 5, 25-32.	2.8	46
12	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. <i>Materials Chemistry Frontiers</i> , 2017, 1, 152-157.	3.2	11
13	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. <i>ACS Nano</i> , 2016, 10, 11475-11482.	7.3	71
14	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. <i>ACS Nano</i> , 2016, 10, 3622-3629.	7.3	145
15	Nitrogen and phosphorus co-doped graphene quantum dots: synthesis from adenosine triphosphate, optical properties, and cellular imaging. <i>Nanoscale</i> , 2015, 7, 8159-8165.	2.8	174
16	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. <i>Journal of Biological Chemistry</i> , 2015, 290, 14679-14691.	1.6	87
17	Apelin Attenuates Oxidative Stress in Human Adipocytes. <i>Journal of Biological Chemistry</i> , 2014, 289, 3763-3774.	1.6	92
18	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. <i>Materials Horizons</i> , 2014, 1, 529-534.	6.4	30

#	ARTICLE	IF	CITATIONS
19	Control of Adipogenesis by the Autocrine Interplays between Angiotensin 1 $\alpha$ -7/Mas Receptor and Angiotensin II/AT1 Receptor Signaling Pathways. <i>Journal of Biological Chemistry</i> , 2013, 288, 15520-15531.	1.6	57
20	Enzymeless multi-sugar fuel cells with high power output based on 3D graphene $\alpha$ -Co3O4 hybrid electrodes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9170.	1.3	42
21	Graphene Quantum Dots as Universal Fluorophores and Their Use in Revealing Regulated Trafficking of Insulin Receptors in Adipocytes. <i>ACS Nano</i> , 2013, 7, 6278-6286.	7.3	229
22	Kainate Receptors Mediate Regulated Exocytosis of Secretory Phospholipase A2 in SH-SY5Y Neuroblastoma Cells. <i>NeuroSignals</i> , 2012, 20, 72-85.	0.5	9
23	Apelin inhibits adipogenesis and lipolysis through distinct molecular pathways. <i>Molecular and Cellular Endocrinology</i> , 2012, 362, 227-241.	1.6	89
24	Apelin secretion and expression of apelin receptors in 3T3-L1 adipocytes are differentially regulated by angiotensin type 1 and type 2 receptors. <i>Molecular and Cellular Endocrinology</i> , 2012, 351, 296-305.	1.6	21
25	The crosstalks between adipokines and catecholamines. <i>Molecular and Cellular Endocrinology</i> , 2011, 332, 261-270.	1.6	21
26	Sugar $\alpha$ -Based Synthesis of Tamiflu and Its Inhibitory Effects on Cell Secretion. <i>Chemistry - A European Journal</i> , 2010, 16, 4533-4540.	1.7	48
27	Vesicular storage, vesicle trafficking, and secretion of leptin and resistin: the similarities, differences, and interplays. <i>Journal of Endocrinology</i> , 2010, 206, 27-36.	1.2	38