Kyu Yun Chai

List of Publications by Year
in descending order

28 papers	607 citations	687363 13 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	914 citing authors

#	Article	IF	Citations
1	Electromagnetic Shielding by MXene-Graphene-PVDF Composite with Hydrophobic, Lightweight and Flexible Graphene Coated Fabric. Materials, 2018, 11, 1803.	2.9	80
2	Recent Advancement of Electromagnetic Interference (EMI) Shielding of Two Dimensional (2D) MXene and Graphene Aerogel Composites. Nanomaterials, 2020, 10, 702.	4.1	76
3	An effective utilization of MXene and its effect on electromagnetic interference shielding: flexible, free-standing and thermally conductive composite from MXeneâ€“PATâ€“poly(p-aminophenol)â€“polyaniline co-polymer. RSC Advances, 2020, 10, 1613-1633.	3.6	65
4	Effect of Electrospun Non-Woven Mats of Dibutyryl Chitin/Poly(Lactic Acid) Blends on Wound Healing in Hairless Mice. Molecules, 2012, 17, 2992-3007.	3.8	42
5	High efficiency green TADF emitters of acridine donor and triazine acceptor Dâ€“Aâ€“D structures. Journal of Materials Chemistry C, 2019, 7, 7672-7680.	5.5	40
6	Thermally stable efficient hole transporting materials based on carbazole and triphenylamine core for red phosphorescent OLEDs. Organic Electronics, 2017, 51, 463-470.	2.6	33
7	Fabrication of Nonwetting Flexible Freeâ€Standing MXeneâ€Carbon Fabric for Electromagnetic Shielding in Sâ€Band Region. Bulletin of the Korean Chemical Society, 2018, 39, 1412-1419.	1.9	31
8	MWCNT Coated Free-Standing Carbon Fiber Fabric for Enhanced Performance in EMI Shielding with a Higher Absolute EMI SE. Materials, 2017, 10, 1350.	2.9	30
9	Fabrication of Flexible, Lightweight, Magnetic Mushroom Gills and Coral-Like MXeneâ€“Carbon Nanotube Nanocomposites for EMI Shielding Application. Nanomaterials, 2019, 9, 519.	4.1	30
10	Triazine-Acceptor-Based Green Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. Materials, 2019, 12, 2646.	2.9	21
11	A Chalcone Glycoside from the Fruits of Sorbus commixta Hedl.. Molecules, 2009, 14, 5323-5327.	3.8	16
12	Preparation and Physical Properties of Chitosan Benzoic Acid Derivatives Using a Phosphoryl Mixed Anhydride System. Molecules, 2012, 17, 2231-2239.	3.8	15
13	Utilizing triazine/pyrimidine acceptor and carbazole-triphenylamine donor based bipolar novel host materials for highly luminescent green phosphorescent OLEDs with lower efficiency roll-off. Dyes and Pigments, 2018, 157, 377-384.	3.7	15
14	Novel Hole Transporting Materials Based on 4-(9H-Carbazol-9-yl)triphenylamine Derivatives for OLEDs. Molecules, 2014, 19, 14247-14256.	3.8	12
15	Spirobifluorene Core-Based Novel Hole Transporting Materials for Red Phosphorescence OLEDs. Molecules, 2017, 22, 464.	3.8	12
16	Preparation and Characterization of Chitin Benzoic Acid Esters. Molecules, 2011, 16, 3029-3036.	3.8	11
17	Acridine-Triphenylamine Based Hole-Transporting and Hole-Injecting Material for Highly Efficient Phosphorescent-Based Organic Light Emitting Diodes. Applied Sciences (Switzerland), 2018, 8, 1168.	2.5	10
18	Utilizing a Spiro Core with Acridine- and Phenothiazine-Based New Hole Transporting Materials for Highly Efficient Green Phosphorescent Organic Light-Emitting Diodes. Molecules, 2018, 23, 713.	3.8	9

#	Article	IF	Citations
19	EMI Shielding of the Hydrophobic, Flexible, Lightweight Carbonless Nano-Plate Composites. Nanomaterials, 2020, 10, 2086.	4.1	9
20	Oxadiazole-Based Highly Efficient Bipolar Fluorescent Emitters for Organic Light-Emitting Diodes. Molecules, 2018, 23, 843.	3.8	8
21	Improving the EMI shielding of graphene oxide (GNO)-coated glass-fiberâ€“GNOâ€“MA-grafted polypropylene (PP) composites and nylon 1Dâ€“2D nanocomposite foams. RSC Advances, 2022, 12, 15316-15328.	3.6	8
22	Novel Starâ€shaped Holeâ€transporting Materials Based on Triphenylamine Cores Endâ€capped with Carbazole and Triarylamine Derivatives for use in <scp>OLEDs</scp>. Bulletin of the Korean Chemical Society, 2015, 36, 1303-1306.	1.9	7
23	Dibenzothiophene dioxide-benzofuro carbazole based bipolar host material for yellow and red phosphorescent OLEDs. Dyes and Pigments, 2020, 182, 108697.	3.7	6
24	Synthesis of Some Green Dopants for OLEDs Based on Arylamine 2,3-disubstituted Bithiophene Derivatives. Molecules, 2013, 18, 14033-14041.	3.8	5
25	Oxadiazole- and indolocarbazole-based bipolar materials for green and yellow phosphorescent organic light emitting diodes. Dyes and Pigments, 2020, 174, 108052.	3.7	5
26	Fluoreneâ€“Triphenylamine-Based Bipolar Materials: Fluorescent Emitter and Host for Yellow Phosphorescent OLEDs. Applied Sciences (Switzerland), 2020, 10, 519.	2.5	5
27	Fluorene core with several modification by using donor type triphenylamine and carbazole derivatives for organic light emitting diodes. Dyes and Pigments, 2021, 194, 109562.	3.7	4
28	Acridine Based Small Molecular Hole Transport Type Materials for Phosphorescent OLED Application. Molecules, 2021, 26, 7680.	3.8	2