

# Kyu Yun Chai

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Acridine Based Small Molecular Hole Transport Type Materials for Phosphorescent OLED Application. Molecules, 2021, 26, 7680.	3.8	2
4	Oxadiazole- and indolocarbazole-based bipolar materials for green and yellow phosphorescent organic light emitting diodes. Dyes and Pigments, 2020, 174, 108052.	3.7	5
5	Fluoreneâ€“Triphenylamine-Based Bipolar Materials: Fluorescent Emitter and Host for Yellow Phosphorescent OLEDs. Applied Sciences (Switzerland), 2020, 10, 519.	2.5	5
6	An effective utilization of MXene and its effect on electromagnetic interference shielding: flexible, free-standing and thermally conductive composite from MXeneâ€“PATâ€“poly( <i>p</i> -aminophenol)â€“polyaniline co-polymer. RSC Advances, 2020, 10, 1613-1633.	3.6	65
7	EMI Shielding of the Hydrophobic, Flexible, Lightweight Carbonless Nano-Plate Composites. Nanomaterials, 2020, 10, 2086.	4.1	9
8	Dibenzothiophene dioxide-benzofuro carbazole based bipolar host material for yellow and red phosphorescent OLEDs. Dyes and Pigments, 2020, 182, 108697.	3.7	6
9	Recent Advancement of Electromagnetic Interference (EMI) Shielding of Two Dimensional (2D) MXene and Graphene Aerogel Composites. Nanomaterials, 2020, 10, 702.	4.1	76
10	Triazine-Acceptor-Based Green Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. Materials, 2019, 12, 2646.	2.9	21
11	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
12	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
13	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
14	Electromagnetic Shielding by MXene-Graphene-PVDF Composite with Hydrophobic, Lightweight and Flexible Graphene Coated Fabric. Materials, 2018, 11, 1803.	2.9	80
15	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
16	Oxadiazole-Based Highly Efficient Bipolar Fluorescent Emitters for Organic Light-Emitting Diodes. Molecules, 2018, 23, 843.	3.8	8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Thermally stable efficient hole transporting materials based on carbazole and triphenylamine core for red phosphorescent OLEDs. <i>Organic Electronics</i> , 2017, 51, 463-470.	2.6	33
20	MWCNT Coated Free-Standing Carbon Fiber Fabric for Enhanced Performance in EMI Shielding with a Higher Absolute EMI SE. <i>Materials</i> , 2017, 10, 1350.	2.9	30
21	Spirobifluorene Core-Based Novel Hole Transporting Materials for Red Phosphorescence OLEDs. <i>Molecules</i> , 2017, 22, 464.	3.8	12
22	Novel Star-shaped Hole-transporting Materials Based on Triphenylamine Cores End-capped with Carbazole and Triarylamine Derivatives for use in <sc>OLEDs</sc>. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1303-1306.	1.9	7
23	Novel Hole Transporting Materials Based on 4-(9H-Carbazol-9-yl)triphenylamine Derivatives for OLEDs. <i>Molecules</i> , 2014, 19, 14247-14256.	3.8	12
24	Synthesis of Some Green Dopants for OLEDs Based on Arylamine 2,3-disubstituted Bithiophene Derivatives. <i>Molecules</i> , 2013, 18, 14033-14041.	3.8	5
25	Effect of Electrospun Non-Woven Mats of Dibutyl Chitin/Poly(Lactic Acid) Blends on Wound Healing in Hairless Mice. <i>Molecules</i> , 2012, 17, 2992-3007.	3.8	42
26	Preparation and Physical Properties of Chitosan Benzoic Acid Derivatives Using a Phosphoryl Mixed Anhydride System. <i>Molecules</i> , 2012, 17, 2231-2239.	3.8	15
27	Preparation and Characterization of Chitin Benzoic Acid Esters. <i>Molecules</i> , 2011, 16, 3029-3036.	3.8	11
28	A Chalcone Glycoside from the Fruits of <i>Sorbus commixta</i> Hedl.. <i>Molecules</i> , 2009, 14, 5323-5327.	3.8	16