## Yung-Chung Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8577266/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effect of the Steric Hindrance and Branched Substituents on Visible Phenylamine Oxime Ester Photoinitiators: Photopolymerization Kinetics Investigation through Photoâ€DSC Experiments. Photochemistry and Photobiology, 2022, 98, 773-782.	2.5	8
2	Synthesis and free radical photopolymerization of one-component type II photoinitiator based on benzophenone segment. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113900.	3.9	16
3	Effects of the number and position of methoxy substituents on triphenylamine-based chalcone visible-light-absorbing photoinitiators. Polymer Chemistry, 2022, 13, 3780-3789.	3.9	8
4	Structural effect on triphenylamine dibenzofulvene based interfacial hole transporting materials for high-performance inverted perovskite solar cells. Materials Chemistry and Physics, 2022, 288, 126385.	4.0	7
5	Sodium alginate-g-poly(sodium acrylate) hydrogel for the adsorption–desorption of ammonium nitrogen from aqueous solution. Journal of Water Process Engineering, 2022, 49, 102999.	5.6	10
6	Photoreactivity study of photoinitiated free radical polymerization using Type II photoinitiator containing thioxanthone initiator as a hydrogen acceptor and various amine-type co-initiators as hydrogen dydrogen donors. Journal of Coatings Technology Research, 2021, 18, 99-106.	2.5	7
7	Facile star-shaped tetraphenylethylene-based molecules with fused ring-terminated diarylamine as interfacial hole transporting materials for inverted perovskite solar cells. Materials Chemistry Frontiers, 2021, 5, 1373-1387.	5.9	11
8	Dendritic-based co-adsorbents for dye-sensitized solar cells: Effect of the generations and alkyl chain lengths. Synthetic Metals, 2021, 274, 116711.	3.9	1
9	Ketone Number and Substitution Effect of Benzophenone Derivatives on the Free Radical Photopolymerization of Visible-Light Type-II Photoinitiators. Polymers, 2021, 13, 1801.	4.5	7
10	Novel phenylamineâ€based oxime ester photoinitiators for <scp>LED</scp> â€induced free radical, cationic, and hybrid polymerization. Journal of Polymer Science, 2021, 59, 1711-1723.	3.8	18
11	Light extraction enhancement in organic light-emitting diodes through polyimide/porous silica hybrid films. Organic Electronics, 2021, 95, 106213.	2.6	6
12	Ambipolar carrier transport properties of triphenylamine/dibenzofulvene derivative and its application for efficient n-i-p perovskite solar cells. Organic Electronics, 2021, 95, 106200.	2.6	7
13	Synthesis and free radical photopolymerization of triphenylamine-based oxime ester photoinitiators. Polymer Chemistry, 2021, 12, 1286-1297.	3.9	33
14	Triphenylamine dibenzofulvene–derived dopantâ€free hole transporting layer induces micrometerâ€sized perovskite grains for highly efficient near 20% for pâ€iâ€n perovskite solar cells. Progress in Photovoltaics: Research and Applications, 2020, 28, 49-59.	8.1	24
15	Triphenylamine-hexaarylbiimidazole derivatives as hydrogen-acceptor photoinitiators for free radical photopolymerization under UV and LED light. Polymer Chemistry, 2020, 11, 1504-1513.	3.9	30
16	Benzophenone derivatives as novel organosoluble visible light Type <scp>II</scp> photoinitiators for <scp>UV</scp> and <scp>LED</scp> photoinitiating systems. Journal of Polymer Science, 2020, 58, 2914-2925.	3.8	22
17	The synthesis and characterization of fluorinated polyimides derived from 2′-methyl-1,4- <i>bis</i> -(4-amino-2-trifluoromethylphenoxy)benzene and various aromatic dianhydrides. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 579-588.	2.2	13
18	Ammonium nitrogen adsorption from aqueous solution by poly(sodium acrylate)s: Effect on the amount of crosslinker and initiator. Journal of Applied Polymer Science, 2020, 137, 49581.	2.6	7

#	Article	IF	CITATIONS
19	Enhanced light extraction from organic light-emitting devices through non-covalent or covalent polyimide–silica light scattering hybrid films. Journal of Materials Chemistry C, 2020, 8, 4102-4111.	5.5	14
20	Organosoluble Co-Polynaphthalimides Based on 1,4,5,8-Naphthalene Tetracarboxylic Dianhydride, 9,9-Bis(4-aminophenyl) Fluorene and Various Bis(ether amine)s. Polymer Science - Series B, 2020, 62, 671-677.	0.8	0
21	Synthesis and properties of polyurea/malonamide dendritic co-adsorbents for dye-sensitized solar cells. Polymer, 2019, 179, 121673.	3.8	6
22	Colorless and Organosoluble Fluorinated Poly(ether imide)s Containing A Asymmetry, Bulky Featured 4-tert-Butylcatechol Bis(ether anhydride) and Trifluoromethyl Substituents Aromatic Bis(ether) Tj ETQq0 0 0 rgB	T/@waerlocl	k 130 Tf 50 61
23	Effect of Coupling Agent and Silica Content for Polyimide/Silica Composited Materials. Polymer Science - Series B, 2019, 61, 670-679.	0.8	0
24	Photo-polymerization properties of type-II photoinitiator systems based on 2-chlorohexaaryl biimidazole (o-Cl-HABI) and various N-phenylglycine (NPG) derivatives!. Photochemical and Photobiological Sciences, 2019, 18, 190-197.	2.9	21
25	Methoxy groups on bifluorenylidene-based hole transporting materials result in highly efficient and stable dopant-free inverted perovskite solar cells. Solar Energy, 2019, 179, 371-379.	6.1	18
26	Branched dibenzofulvene-based organic dyes for dye-sensitized solar cells under one sun and dim light. Journal of Materials Science: Materials in Electronics, 2019, 30, 12981-12991.	2.2	6
27	Numbers of cyanovinyl substitutes and their effect on phenothiazine based organic dyes for dye-sensitized solar cells. RSC Advances, 2018, 8, 9783-9789.	3.6	9
28	Optically transparent and organosoluble poly(ether imide)s based on a bis(ether anhydride) with bulky 3,3′,5,5′-tetramethylbiphenyl moiety and various fluorinated bis(ether amine)s. High Performance Polymers, 2018, 30, 47-57.	1.8	7
29	Photocuring Kinetic Studies of TMPTMA Monomer by Type II Photoinitiators of Different Weight Ratios of 2-Chlorohexaaryl Biimidazole (o-Cl-HABI) and <i>N</i> Phenylglycine (NPG). Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2018, 31, 487-492.	0.3	12
30	High-performance and long-term stable inverted ternary solar cells based on PTB7-Th/N2200/PC71BM blends. Solar Energy, 2018, 176, 170-177.	6.1	13
31	Efficient organic solar cells based on PTB7/PC71BM blend film with embedded different shapes silver nanoparticles into PEDOT:PSS as hole transporting layers. Organic Electronics, 2018, 62, 95-101.	2.6	28
32	Organosoluble and colorless fluorinated poly(ether imide)s derived from a highly contorted biphenyl-2,2′-diol bis(ether anhydride) and aromatic bis(ether amine)s with trifluoromethyl substituents. Journal of Polymer Research, 2017, 24, 1.	2.4	4
33	Multi-anchored sensitizers for dye-sensitized solar cells. Sustainable Energy and Fuels, 2017, 1, 969-985.	4.9	37
34	Thermally stable and organosoluble poly(amide-imide)s based on the imide ring-preformed dicarboxylic acids derived from 3,4′-oxydianiline with trimellitic anhydride and 6FDA. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 582-588.	2.2	8
35	A remarkable enhancement of efficiency by co-adsorption with CDCA on the bithiazole-based dye-sensitized solar cells. Organic Electronics, 2013, 14, 2546-2554.	2.6	32
36	2,6-Conjugated anthracene sensitizers for high-performance dye-sensitized solar cells. Energy and Environmental Science, 2013, 6, 2477.	30.8	88

Yung-Chung Chen

#	Article	IF	CITATIONS
37	Orderly arranged NLO materials on exfoliated layered templates based on dendrons with alternating moieties at the periphery. Polymer Chemistry, 2013, 4, 2747.	3.9	10
38	Materials for the Active Layer of Organic Photovoltaics: Ternary Solar Cell Approach. ChemSusChem, 2013, 6, 20-35.	6.8	130
39	Novel Organic Sensitizers Containing 2,6-Difunctionalized Anthracene Unit for Dye Sensitized Solar Cells. Polymers, 2012, 4, 1443-1461.	4.5	23
40	Squaraine-Arylamine Sensitizers for Highly Efficient p-Type Dye-Sensitized Solar Cells. Organic Letters, 2012, 14, 4726-4729.	4.6	79
41	High-performance dye-sensitized solar cells based on 5,6-bis-hexyloxy-benzo[2,1,3]thiadiazole. Journal of Materials Chemistry, 2012, 22, 10929.	6.7	79
42	Coplanar indenofluorene-based organic dyes for dye-sensitized solar cells. Tetrahedron, 2012, 68, 7755-7762.	1.9	23
43	Novel conjugated copolymers based on dithiafulvalene moiety for bulk heterojunction solar cells. Journal of Polymer Science Part A, 2012, 50, 2121-2129.	2.3	8
44	Recent developments in molecule-based organic materials for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 8734.	6.7	362
45	Naphthyl and Thienyl Units as Bridges for Metalâ€Free Dyeâ€ <del>S</del> ensitized Solar Cells. Chemistry - an Asian Journal, 2012, 7, 1074-1084.	3.3	27
46	Unsymmetric Platinum(II) Bis(aryleneethynylene) Complexes as Photosensitizers for Dye‧ensitized Solar Cells. Chemistry - an Asian Journal, 2012, 7, 1426-1434.	3.3	35
47	Thieno[3,4â€ <i>b</i> ]thiopheneâ€Based Organic Dyes for Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2012, 18, 5430-5437.	3.3	43
48	Poly(urethane/malonamide) dendritic structures featuring blocked/deblocked isocyanate units. Polymer Chemistry, 2011, 2, 1139-1145.	3.9	6
49	Electrochemical impedance characterization and photovoltaic performance of N719 dyeâ€sensitized solar cells using quaternized ammonium iodide containing polyfluorene electrolyte solutions. Polymers for Advanced Technologies, 2011, 22, 1650-1657.	3.2	9
50	Optically transparent and colorless poly(ether-imide)s derived from a phenylhydroquinone bis(ether) Tj ETQq0 0 0 2010, 17, 779-788.	) rgBT /Ov 2.4	verlock 10 Tf 42
51	Synthesis and properties of poly(ether imide)s derived from 2,5â€bis(3,4â€dicarboxyphenoxy)biphenyl dianhydride and aromatic ether–diamines. Journal of Applied Polymer Science, 2009, 113, 3993-4002.	2.6	16
52	Nonlinear optical polyimides consisting of chromophore ontaining dendrons with siteâ€isolation effect. Polymers for Advanced Technologies, 2009, 20, 493-500.	3.2	9
53	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. ACS Applied Materials & Interfaces, 2009, 1, 2371-2381.	8.0	18
54	Optical Nonâ€Linearity from Montmorillonite Intercalated with a Chromophore ontaining Dendritic Structure: A Selfâ€Assembly Approach. Macromolecular Rapid Communications, 2008, 29, 587-592.	3.9	23

## Yung-Chung Chen

#	Article	IF	CITATIONS
55	Colorless poly(ether-imide)s deriving from 2,2-bis[4-(3,4-dicarboxyphenoxy)phenyl]propane dianhydride(BPADA) and aromatic bis(ether amine)s bearing pendent trifluoromethyl groups. European Polymer Journal, 2006, 42, 721-732.	5.4	36
56	Light-colored fluorinated polyimides based on 2,5-bis(4-amino-2-trifluoromethylphenoxy)biphenyl and various aromatic dianhydrides. Journal of Applied Polymer Science, 2006, 102, 4101-4110.	2.6	14
57	Organosoluble and light-colored fluorinated polyimides based on 1,1-bis[4-(4-amino-2-trifluoromethylphenoxy)phenyl]-1-phenylethane and various aromatic dianhydrides. Journal of Applied Polymer Science, 2005, 96, 2399-2412.	2.6	14
58	Soluble and light-colored polyimides from 2,3,2′,3′-oxydiphthalic anhydride and aromatic diamines. Journal of Applied Polymer Science, 2005, 97, 1352-1360.	2.6	10