Yan-Cheng Wu

List of Publications by Year
in descending order

33 papers	583 citations	567281 15 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	610 citing authors

#	Article	IF	Citations
1	Facile fabrication of a fluorene-containing polyimide film-based fluorescent sensor for rapid and selective detection of fluoride ion. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113728.	3.9	1
2	Simultaneously Improving the Optical, Dielectric, and Solubility Properties of Fluorene-Based Polyimide with Silyl Ether Side Groups. ACS Omega, 2022, 7, 11939-11945.	3.5	7
3	Design and Synthesis of AIE-Based Small-Molecule and Nanofibrous Film for Fluorescent Sensing Application. Frontiers in Chemistry, 2021, 9, 727631.	3.6	12
4	Facile synthesis of acyloxy-containing fluorene-based Cardo polyimides with high optical transparency, fluorescence and low dielectric constant. Reactive and Functional Polymers, 2021, 166, 104979.	4.1	9
5	Synthesis and properties of cardo-type polyimides containing hydroxyl groups for application in specific detection of fluoride ion. Dyes and Pigments, 2020, 173, 107924.	3.7	11
6	Simultaneous improvement of processability and toughness of highly filled MH/LLDPE composites by using fluorine-containing flow modifiers. Composites Part A: Applied Science and Manufacturing, 2020, 134, 105900.	7.6	19
7	Sodium Butyrate Protects N2a Cells against AÎ² Toxicity In Vitro. Mediators of Inflammation, 2020, 2020, 1-9.	3.0	26
8	Ratiometric and colorimetric sensors for highly sensitive detection of water in organic solvents based on hydroxyl-containing polyimide-fluoride complexes. Analytica Chimica Acta, 2020, 1108, 37-45.	5.4	25
9	Improvement in Mechanical and Thermal Properties of Transparent Semiâ€Aromatic Polyimide by Crosslinking. Macromolecular Chemistry and Physics, 2020, 221, 2000085.	2.2	7
10	Multifunctional polyimides by direct silyl ether reaction of pendant hydroxy groups: Toward low dielectric constant, high optical transparency and fluorescence. European Polymer Journal, 2020, 132, 109742.	5.4	16
11	Novel dual-functional fluorescent sensors based on bis(5,6-dimethylbenzimidazole) derivatives for distinguishing of Ag+ and Fe3+ in semi-aqueous medium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 632-641.	3.9	37
12	A novel hydroxyl-containing polyimide as a colorimetric and ratiometric chemosensor for the reversible detection of fluoride ions. Polymer Chemistry, 2019, 10, 1399-1406.	3.9	24
13	Microwave-assisted synthesis of high thermal stability and colourless polyimides containing pyridine. Royal Society Open Science, 2019, 6, 190196.	2.4	10
14	Fluorinated polyimide with polyhedral oligomeric silsesquioxane aggregates: Toward low dielectric constant and high toughness. Composites Science and Technology, 2019, 181, 107700.	7.8	44
15	Dielectric Constant, Thermal and Mechanical Properties of Ladderâ€Like Polypropylsilsesquioxane/Crown Etherâ€Polyimide Nanocomposites. Macromolecular Chemistry and Physics, 2019, 220, 1900017.	2.2	8
16	Direct Metalâ€Free Preparation of Functionalizable Polylactic Acidâ€Ethisterone Conjugates in a Oneâ€Pot Approach. Macromolecular Chemistry and Physics, 2019, 220, 1800475.	2.2	6
17	Bisâ€2(5H)â€furanone derivatives as new anticancer agents: Design, synthesis, biological evaluation, and mechanism studies. Chemical Biology and Drug Design, 2018, 92, 1232-1240.	3.2	19
18	A highly selective, pH-tolerable and fast-response fluorescent probe for Fe3+ based on star-shape benzothiazole derivative. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 350, 52-58.	3.9	18

#	Article	IF	Citations
19	Novel benzimidazole-based ratiometric fluorescent probes for acidic pH. Dyes and Pigments, 2018, 149, 1-7.	3.7	37
20	Colorimetric and ratiometric fluorescent sensor for Fâˆ’ based on benzimidazole-naphthalene conjugate: Reversible and reusable study & design of logic gate function. Dyes and Pigments, 2017, 140, 47-55.	3.7	45
21	Self-assembled structures of N -alkylated bisbenzimidazolyl naphthalene in aqueous media for highly sensitive detection of picric acid. Analytica Chimica Acta, 2017, 976, 74-83.	5.4	35
22	One-pot preparation of polylactic acid-ibuprofen conjugates and their performance characterization. Polymer Chemistry, 2017, 8, 7009-7016.	3.9	10
23	Synthesis and biological evaluation of 4-biphenylamino-5-halo-2(5H)-furanones as potential anticancer agents. European Journal of Medicinal Chemistry, 2017, 139, 84-94.	5.5	34
24	Design and application of tri-benzimidazolyl star-shape molecules as fluorescent chemosensors for the fast-response detection of fluoride ion. Sensors and Actuators B: Chemical, 2016, 237, 865-875.	7.8	36
25	A radical coupling reaction of DMSO with sodium arylsulfinates in airâ€‰:â€‰mild utilization of DMSO as C₁ resource for the synthesis of arylsulfonyl dibromomethane. RSC Advances, 2016, 6, 25651-25655.	3.6	23
26	Progress in the Molecular Design and Synthesis of Organic Fluorescent Probe for Picric Acid Detection. Chinese Journal of Organic Chemistry, 2016, 36, 2053.	1.3	4
27	New Progress in the Design, Synthesis and Application of Fluorescent Probes for Fluoride Ion Detection. Chinese Journal of Organic Chemistry, 2016, 36, 2559.	1.3	5
28	Synthesis and characterization of a novel drug-loaded polymer, poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (acid-co-	1.6	6
29	Palladiumâ€Catalyzed Desulfitative Arylation of 5â€Alkoxyâ€3,4â€dibromoâ€2(5H)â€furanone with Sodium Arylsulfinates. European Journal of Organic Chemistry, 2015, 2015, 1193-1197.	2.4	32
30	One-Pot Synthesis of 5-Alkoxy-4-amino-3-halo-2(5H)-furanones Containing Benzimidazole Moiety in the Absence of Metal Catalyst. Letters in Organic Chemistry, 2015, 12, 359-370.	0.5	2
31	Synthesis of 2(5H)-Furanone Derivatives with Biphenyl Ether Unit. Chinese Journal of Organic Chemistry, 2015, 35, 1081.	1.3	1
32	Progress in the Synthesis and Application of Benzimidazole-Based Fluorescent Chemosensors. Chinese Journal of Organic Chemistry, 2015, 35, 2465.	1.3	14
33	Synthesis of 4-Amino-5-biphenyloxy-3-halo-2(5H)-furanones. Chinese Journal of Organic Chemistry, 2015, 35, 2420.	1.3	0