Peixin Tang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8709434/publications.pdf

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23	389	759233 12	794594 19
papers	citations	h-index	g-index

24	24	24	380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stabilization of flavin mononucleotide by capturing its â€œtailâ€•with porous organic polymers for long-term photocatalytic degradation of micropollutants. Journal of Hazardous Materials, 2022, 435, 128982.	12.4	2
2	Unique â€œpostureâ€•of rose Bengal for fabricating personal protective equipment with enhanced daylight-induced biocidal efficiency. Materials Advances, 2021, 2, 3569-3578.	5.4	13
3	Daylight-activated fumigant detoxifying nanofibrous membrane based on thiol-ene click chemistry. Journal of Hazardous Materials, 2021, 406, 124723.	12.4	6
4	Modification of cotton fabrics with 2-diethylaminoethyl chloride for salt-free dyeing with anionic dyes. Cellulose, 2021, 28, 6699.	4.9	17
5	Research progress in chemical and biological protective materials with integrated conventional â€œdecontamination-and-sensingâ€•functions. Materials Science and Engineering Reports, 2021, 145, 100626.	31.8	7
6	What We Are Learning from COVID-19 for Respiratory Protection: Contemporary and Emerging Issues. Polymers, 2021, 13, 4165.	4.5	5
7	An environmentally friendly bleaching process for cotton fabrics: mechanism and application of UV/H2O2 system. Cellulose, 2020, 27, 1071-1083.	4.9	18
8	Colorimetric sensors: taking merits of nanofibrous membrane for volatile toxicants detection with ultra-high sensitivity. , 2020, , 213-241.		1
9	Fabrication of robust functional poly-cationic nanodots on surfaces of nucleophilic nanofibrous membrane. Applied Surface Science, 2020, 528, 146587.	6.1	5
10	Wearable super-adsorptive fibrous equipment in situ grafted with porous organic polymers for carcinogenic fumigant defense and detoxification. Journal of Materials Chemistry A, 2020, 8, 24128-24136.	10.3	9
11	Daylight-Induced Antibacterial and Antiviral Cotton Cloth for Offensive Personal Protection. ACS Applied Materials & Interfaces, 2020, 12, 49442-49451.	8.0	62
12	Robust, rapid, and ultrasensitive colorimetric sensors through dye chemisorption on poly-cationic nanodots. Talanta, 2020, 219, 121149.	5.5	4
13	Hierarchical Nucleophilic Nanofibrous Membranes for Fast, Durable, and Bareâ€Eye Visible Detoxification of Carcinogenic Alkylating Toxicants. Advanced Functional Materials, 2019, 29, 1905990.	14.9	11
14	Design and Synthesis of Coreâ€“Shell Carbon Polymer Dots with Highly Stable Fluorescence in Polymeric Materials. ACS Applied Nano Materials, 2019, 2, 6503-6512.	5.0	14
15	Colorimetric Detection of Carcinogenic Alkylating Fumigants on a Nylon 6 Nanofibrous Membrane. Part II: Self-Catalysis of 2-Diethylaminoethyl-Modified Sensor Matrix for Improvement of Sensitivity. ACS Applied Materials & Interfaces, 2019, 11, 13632-13641.	8.0	12
16	Bio-inspired ultrasensitive colorimetric detection of methyl isothiocyanate on nylon-6 nanofibrous membrane: A comparison of biological thiol reactivities. Journal of Hazardous Materials, 2019, 362, 375-382.	12.4	7
17	Catalytic and ionic cross-linking actions of l-glutamate salt for the modification of cellulose by 1,2,3,4-butanetetracarboxylic acid. Carbohydrate Polymers, 2019, 207, 288-296.	10.2	27
18	Sensitivity-Tunable Colorimetric Detection of Chloropicrin Vapor on Nylon-6 Nanofibrous Membrane Based on a Detoxification Reaction with Biological Thiols. ACS Sensors, 2018, 3, 858-866.	7.8	16

#	Article	IF	Citations
19	Highly sensitive colorimetric paper sensor for methyl isothiocyanate (MITC): Using its toxicological reaction. Sensors and Actuators B: Chemical, 2018, 261, 178-187.	7.8	14
20	Colorimetric Detection of Carcinogenic Alkylating Fumigants on Nylon-6 Nanofibrous Membrane. Part I: Investigation of 4-(p-Nitrobenzyl)pyridine as a â€œNewâ€•Sensing Agent with Ultrahigh Sensitivity. Analytical Chemistry, 2018, 90, 14593-14601.	6.5	13
21	Generation of hydroxyl radicals and effective whitening of cotton fabrics by H2O2 under UVB irradiation. Carbohydrate Polymers, 2017, 160, 153-162.	10.2	22
22	Whiteness improvement of citric acid crosslinked cotton fabrics: H 2 O 2 bleaching under alkaline condition. Carbohydrate Polymers, 2016, 147, 139-145.	10.2	53
23	Catalytic actions of alkaline salts in reactions between 1,2,3,4-butanetetracarboxylic acid and cellulose: II. Esterification. Carbohydrate Polymers, 2015, 132, 228-236.	10.2	50