

Kantapat Chansaenpak

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

672
citations

623734

14
h-index

610901

24
g-index

41
all docs

41
docs citations

41
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	[¹⁸ F]-Group 13 fluoride derivatives as radiotracers for positron emission tomography. <i>Chemical Society Reviews</i> , 2016, 45, 954-971.	38.1	89
2	Harvesting ¹⁸ F-fluoride ions in water via direct ¹⁸ F- ¹⁹ F isotopic exchange: radiofluorination of zwitterionic aryltrifluoroborates and in vivo stability studies. <i>MedChemComm</i> , 2012, 3, 1305.	3.4	50
3	Synthesis and Characterization of WO ₃ /CeO ₂ Heterostructured Nanoparticles for Photodegradation of Indigo Carmine Dye. <i>ACS Omega</i> , 2021, 6, 19771-19777.	3.5	47
4	Near-Infrared Fluorescent pH Responsive Probe for Targeted Photodynamic Cancer Therapy. <i>Scientific Reports</i> , 2020, 10, 1283.	3.3	46
5	Solvatochromic triazaborolopyridinium probes toward ultra-sensitive trace water detection in organic solvents. <i>Dyes and Pigments</i> , 2020, 181, 108554.	3.7	42
6	[¹⁸ F]â€“NHCâ€“BF ₃ adducts as water stable radio-prosthetic groups for PET imaging. <i>Chemical Communications</i> , 2015, 51, 12439-12442.	4.1	34
7	Development of a Sensitive Self-Powered Glucose Biosensor Based on an Enzymatic Biofuel Cell. <i>Biosensors</i> , 2021, 11, 16.	4.7	33
8	Synthesis and Evaluation of [¹⁸ F]â€“Ammonium BODIPY Dyes as Potential Positron Emission Tomography Agents for Myocardial Perfusion Imaging. <i>Chemistry - A European Journal</i> , 2016, 22, 12122-12129.	3.3	30
9	Aza-BODIPY probe for selective visualization of cyclooxygenase-2 in cancer cells. <i>RSC Advances</i> , 2019, 9, 13372-13377.	3.6	23
10	Aza-BODIPY based polymeric nanoparticles for cancer cell imaging. <i>RSC Advances</i> , 2018, 8, 39248-39255.	3.6	21
11	Use of nitrogen-doped amorphous carbon nanodots (N-CNDs) as a fluorometric paper-based sensor: a new approach for sensitive determination of lead(ⁱⁱ) at a trace level in highly ionic matrices. <i>Analytical Methods</i> , 2021, 13, 3551-3560.	2.7	18
12	Radiofluorination of a NHCâ€“PF ₅ adduct: toward new probes for ¹⁸ F PET imaging. <i>Chemical Communications</i> , 2017, 53, 8657-8659.	4.1	17
13	Paracetamol Sensing with a Pencil Lead Electrode Modified with Carbon Nanotubes and Polyvinylpyrrolidone. <i>Chemosensors</i> , 2020, 8, 133.	3.6	15
14	Glucose conjugated aza-BODIPY for enhanced photodynamic cancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5867-5875.	2.8	15
15	The synergy of CHEF and ICT toward fluorescence â€“turn-onâ€“ probes based on push-pull benzothiazoles for selective detection of Cu ²⁺ in acetonitrile/water mixture. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 415, 113318.	3.9	15
16	Synthesis and Characterization of Pushâ€“Pull Azaâ€“BODIPY Dyes Towards Application in NIRâ€“Photothermal Therapy. <i>ChemPhotoChem</i> , 2020, 4, 5304-5311.	3.0	14
17	BODIPY-Pyridylhydrazone Probe for Fluorescence Turn-On Detection of Fe ³⁺ and Its Bioimaging Application. <i>Chemosensors</i> , 2021, 9, 165.	3.6	13
18	Selective fluorescent sensors for gold(III) ion from N-picolyl sulfonamide spirobifluorene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 402, 112823.	3.9	12

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19	Aza-BODIPY encapsulated polymeric nanoparticles as an effective nanodelivery system for photodynamic cancer treatment. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2283-2293.	5.9	12
20	Photophysical Study and Biological Applications of Synthetic Chalcone-Based Fluorescent Dyes. <i>Molecules</i> , 2021, 26, 2979.	3.8	12
21	Ultrasensitive fluorogenic chemosensor based on ESIPT phenomenon for selective determination of Cu ²⁺ ion in aqueous system and its application in environmental samples and biological imaging. <i>Dyes and Pigments</i> , 2022, 205, 110532.	3.7	12
22	Synthesis and in vivo stability studies of [¹⁸ F]-zwitterionic phosphonium aryltrifluoroborate/indomethacin conjugates. <i>RSC Advances</i> , 2016, 6, 23126-23133.	3.6	11
23	Attempted synthesis of <i>ortho</i> -phenylene phosphino-tritylium cations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20170007.	3.4	10
24	[¹⁸ F]-Fluoride capture and release: azeotropic drying free nucleophilic aromatic radiofluorination assisted by a phosphonium borane. <i>Chemical Communications</i> , 2017, 53, 340-343.	4.1	9
25	Preparation of [18F]-NHC-BF ₃ conjugates and their applications in PET imaging. <i>RSC Advances</i> , 2017, 7, 17748-17751.	3.6	9
26	A Novel PET Probe for Brown Adipose Tissue Imaging in Rodents. <i>Molecular Imaging and Biology</i> , 2020, 22, 675-684.	2.6	8
27	Aryl Ethynylpyrene as Fluorescent Sensors for Cyanide Ions in Aqueous Media. <i>ChemistrySelect</i> , 2020, 5, 4303-4306.	1.5	8
28	Photocatalytic degradation of organic dye over bismuth vanadate-silicon dioxide-graphene oxide nanocomposite under visible light irradiation. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 1237-1241.	1.9	7
29	A chalcone-based fluorescent responsive probe for selective detection of nitroreductase activity in bacteria. <i>New Journal of Chemistry</i> , 2021, 45, 11566-11573.	2.8	7
30	Amphiphilic polymeric photoinitiator composed of PEG-b-PCL diblock copolymer for three-dimensional printing of hydrogels. <i>European Polymer Journal</i> , 2022, 168, 111094.	5.4	5
31	Indomethacin-based near-infrared photosensitizer for targeted photodynamic cancer therapy. <i>Bioorganic Chemistry</i> , 2022, 122, 105758.	4.1	5
32	Near-Infrared Fluorescent Heptamethine Cyanine Dyes for COX-2 Targeted Photodynamic Cancer Therapy. <i>ChemMedChem</i> , 2022, 17, .	3.2	4
33	Effect of triethanolamine chelating agent on crystallinities, phase purities, and optical properties of zinc aluminate spinel synthesized by thermal decomposition. <i>Ceramics International</i> , 2022, 48, 8186-8195.	4.8	4
34	N-Tosylindole-coumarin with high fluorescence quantum yield and their potential applications. <i>Journal of Molecular Structure</i> , 2022, 1260, 132840.	3.6	4
35	A Novel 18F-Labeling Method for the Synthesis of [18F]-Piperidine-Containing Ligands as Potential PET Radiotracers for β Receptors. <i>Synlett</i> , 2018, 29, 410-414.	1.8	2
36	One-Pot Synthesis of Coumarin-Indomethacin Hybrids as COX-2 Targeting Probes for Cancer Imaging. <i>ChemMedChem</i> , 2021, 16, 1660-1666.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Wiring Xanthine Oxidase Using an Osmiumâ€Complexâ€Modified Polymer for Application in Biosensing.. ChemElectroChem, 0, , .	3.4	2
38	Extract of cassava waste as a lixiviant for gold leaching from electronic waste. Green Chemistry Letters and Reviews, 2022, 15, 437-448.	4.7	2
39	Electrodeposition of Cobalt Oxides on Carbon Nanotubes for Sensitive Bromhexine Sensing. Molecules, 2022, 27, 4078.	3.8	2
40	Influence of Preparation Methods of TiO ₂ Nano-Particle on Photodegradation of Methylene Blue. Materials Science Forum, 2020, 998, 84-89.	0.3	1