

# Anyanee Kamkaew

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,684  
citations

304368

22  
h-index

128067

60  
g-index

67  
all docs

67  
docs citations

67  
times ranked

5305  
citing authors

#	ARTICLE	IF	CITATIONS
1	BODIPY dyes in photodynamic therapy. <i>Chemical Society Reviews</i> , 2013, 42, 77-88.	18.7	1,725
2	Scintillating Nanoparticles as Energy Mediators for Enhanced Photodynamic Therapy. <i>ACS Nano</i> , 2016, 10, 3918-3935.	7.3	296
3	Recent strategies to improve boron dipyrromethene (BODIPY) for photodynamic cancer therapy: an updated review. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1691-1708.	1.6	142
4	Cerenkov Radiation Induced Photodynamic Therapy Using Chlorin e6-Loaded Hollow Mesoporous Silica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26630-26637.	4.0	136
5	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-Guided Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1702928.	7.8	113
6	Small Molecules for Active Targeting in Cancer. <i>Medicinal Research Reviews</i> , 2016, 36, 494-575.	5.0	107
7	In Vivo Studies of Nanostructure-Based Photosensitizers for Photodynamic Cancer Therapy. <i>Small</i> , 2014, 10, 4993-5013.	5.2	95
8	Dual-Modality Positron Emission Tomography/Optical Image-Guided Photodynamic Cancer Therapy with Chlorin e6-Containing Nanomicelles. <i>ACS Nano</i> , 2016, 10, 7721-7730.	7.3	88
9	Aza-BODIPY dyes with enhanced hydrophilicity. <i>Chemical Communications</i> , 2015, 51, 10664-10667.	2.2	76
10	Chitosan Nanoparticles-Based Ionic Gelation Method: A Promising Candidate for Plant Disease Management. <i>Polymers</i> , 2022, 14, 662.	2.0	64
11	Double-Targeting Using a TrkC Ligand Conjugated to Dipyrrometheneboron Difluoride (BODIPY) Based Photodynamic Therapy (PDT) Agent. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7608-7614.	2.9	59
12	Quantum dot-NanoLuc bioluminescence resonance energy transfer enables tumor imaging and lymph node mapping in vivo. <i>Chemical Communications</i> , 2016, 52, 6997-7000.	2.2	53
13	Near-Infrared Fluorescent pH Responsive Probe for Targeted Photodynamic Cancer Therapy. <i>Scientific Reports</i> , 2020, 10, 1283.	1.6	46
14	Dual optical detection of a novel selective mercury sensor based on 7-nitrobenzo-2-oxa-1,3-diazolyl subunits. <i>Tetrahedron Letters</i> , 2009, 50, 1783-1786.	0.7	45
15	Ultra-small Pyropheophorbide Nanodots for Near-Infrared Fluorescence/Photoacoustic Imaging-guided Photodynamic Therapy. <i>Theranostics</i> , 2020, 10, 62-73.	4.6	40
16	Chitosan-Coated Poly(lactic-co-glycolic acid)-Diiodinated Boron-Dipyrromethene Nanoparticles Improve Tumor Selectivity and Stealth Properties in Photodynamic Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1431-1452.	0.5	35
17	Detection of hazardous mercury ion using [5]helicene-based fluorescence probe with Turn ON sensing response for practical applications. <i>Journal of Hazardous Materials</i> , 2021, 418, 126242.	6.5	34
18	Development of a Sensitive Self-Powered Glucose Biosensor Based on an Enzymatic Biofuel Cell. <i>Biosensors</i> , 2021, 11, 16.	2.3	33

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19	Facile Preparation of Multifunctional WS <sub>2</sub> /WO <sub>3</sub> Nanodots for Chelator-Free <sup>89</sup> Zr-Labeling and In Vivo PET Imaging. <i>Small</i> , 2016, 12, 5750-5758.	5.2	31
20	Oligoethylene glycol-substituted aza-BODIPY dyes as red emitting ER-probes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8271-8276.	1.5	28
21	Targeted PDT Agent Eradicates TrkC Expressing Tumors via Photodynamic Therapy (PDT). <i>Molecular Pharmaceutics</i> , 2015, 12, 212-222.	2.3	27
22	ImmunoPET for assessing the differential uptake of a CD146-specific monoclonal antibody in lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2169-2179.	3.3	23
23	Coumarin Probe for Selective Detection of Fluoride Ions in Aqueous Solution and Its Bioimaging in Live Cells. <i>Sensors</i> , 2018, 18, 2042.	2.1	23
24	Aza-BODIPY probe for selective visualization of cyclooxygenase-2 in cancer cells. <i>RSC Advances</i> , 2019, 9, 13372-13377.	1.7	23
25	Aza-BODIPY based polymeric nanoparticles for cancer cell imaging. <i>RSC Advances</i> , 2018, 8, 39248-39255.	1.7	21
26	A new fluorescent sensor bearing three dansyl fluorophores for highly sensitive and selective detection of mercury(II) ions. <i>Tetrahedron Letters</i> , 2011, 52, 6133-6136.	0.7	20
27	A Near-Infrared Fluorescence Chemosensor Based on Isothiocyanate-Aza-BODIPY for Cyanide Detection at the Parts per Billion Level: Applications in Buffer Media and Living Cell Imaging. <i>ChemPlusChem</i> , 2019, 84, 252-259.	1.3	20
28	Tropomyosin Receptor Kinase C Targeted Delivery of a Peptidomimetic Ligand-Photosensitizer Conjugate Induces Antitumor Immune Responses Following Photodynamic Therapy. <i>Scientific Reports</i> , 2016, 6, 37209.	1.6	18
29	ImmunoPET Imaging of Insulin-Like Growth Factor 1 Receptor in a Subcutaneous Mouse Model of Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , 2016, 13, 1958-1966.	2.3	16
30	Glucose conjugated aza-BODIPY for enhanced photodynamic cancer therapy. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5867-5875.	1.5	15
31	Synthesis and Characterization of Push-Pull Aza-BODIPY Dyes Towards Application in NIR Photothermal Therapy. <i>ChemPhotoChem</i> , 2020, 4, 5304-5311.	1.5	14
32	Rapid and visual detection of Cd <sup>2+</sup> based on aza-BODIPY near infrared dye and its application in real and biological samples for environmental contamination screening. <i>Journal of Hazardous Materials</i> , 2021, 409, 124487.	6.5	14
33	BODIPY-Pyridylhydrazone Probe for Fluorescence Turn-On Detection of Fe <sup>3+</sup> and Its Bioimaging Application. <i>Chemosensors</i> , 2021, 9, 165.	1.8	13
34	Active targeted ligand-aza-BODIPY conjugate for near-infrared photodynamic therapy in melanoma. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119189.	2.6	12
35	Aza-BODIPY encapsulated polymeric nanoparticles as an effective nanodelivery system for photodynamic cancer treatment. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2283-2293.	3.2	12
36	Photophysical Study and Biological Applications of Synthetic Chalcone-Based Fluorescent Dyes. <i>Molecules</i> , 2021, 26, 2979.	1.7	12

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37	Ultrasensitive fluorogenic chemosensor based on ESIPT phenomenon for selective determination of Cu <sup>2+</sup> ion in aqueous system and its application in environmental samples and biological imaging. <i>Dyes and Pigments</i> , 2022, 205, 110532.	2.0	12
38	Novel Small Molecule Probes for Metastatic Melanoma. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 179-184.	1.3	11
39	Synthesis of Nicotinamide Mononucleotide from Xylose via Coupling Engineered <i>Escherichia coli</i> and a Biocatalytic Cascade. <i>ChemBioChem</i> , 2022, 23, .	1.3	11
40	2-[3-(2-Aminoethylsulfanyl)propylsulfanyl]ethanamine Bearing Dansyl Subunits: An Efficient, Simple, and Rapid Fluorometric Sensor for the Detection of Mercury(II) Ions. <i>Chemistry Letters</i> , 2010, 39, 1099-1101.	0.7	10
41	Small Molecule Ligands for Active Targeting of TrkC-Expressing Tumor Cells. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 1008-1012.	1.3	9
42	Characterization of NucPNP and NucV involved in the early steps of nucleocidin biosynthesis in <i>Streptomyces calvus</i> . <i>RSC Advances</i> , 2021, 11, 3510-3515.	1.7	9
43	Dual mode of cyanide detection by Fluorescein-Based Turn-ON Bi-Signaling fluorescence and colorimetric sensing: Agricultural product and cellular studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113636.	2.0	9
44	Efficacy of Chitosan Nanoparticle Loaded-Salicylic Acid and -Silver on Management of Cassava Leaf Spot Disease. <i>Polymers</i> , 2022, 14, 660.	2.0	9
45	An agent for optical imaging of TrkC-expressing, breast cancer. <i>MedChemComm</i> , 2017, 8, 1946-1952.	3.5	8
46	A chalcone-based fluorescent responsive probe for selective detection of nitroreductase activity in bacteria. <i>New Journal of Chemistry</i> , 2021, 45, 11566-11573.	1.4	7
47	Highly selective zinc(II) triggered Turn-ON [5]helicene-based fluorescence sensor: Its application in liver and brain cells imaging. <i>Journal of Molecular Liquids</i> , 2022, 362, 119710.	2.3	7
48	Near infrared and colorimetric fluorescence sensor for ultra-selective detection of Cu <sup>2+</sup> level with applications in diverse water samples, brain tumor cell and flow injection analysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 421, 113533.	2.0	6
49	Novel selective "off" fluorescence sensor based on julolidine hydrazone-Al <sup>3+</sup> complex for Cu <sup>2+</sup> ion: DFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121382.	2.0	6
50	Flavylium-Based Hypoxia-Responsive Probe for Cancer Cell Imaging. <i>Molecules</i> , 2021, 26, 4938.	1.7	5
51	{001} facet exposed Na <sub>0.5</sub> Bi <sub>2.5</sub> Nb <sub>2</sub> O <sub>9</sub> nanosheet: An effective visible light responsive photocatalyst for wastewater treatment. <i>Materials Research Bulletin</i> , 2021, 144, 111501.	2.7	5
52	Effect of morpholine and charge distribution of cyanine dyes on cell internalization and cytotoxicity. <i>Scientific Reports</i> , 2022, 12, 4173.	1.6	5
53	Indomethacin-based near-infrared photosensitizer for targeted photodynamic cancer therapy. <i>Bioorganic Chemistry</i> , 2022, 122, 105758.	2.0	5
54	Near-Infrared Fluorescent Heptamethine Cyanine Dyes for COX <sub>2</sub> Targeted Photodynamic Cancer Therapy. <i>ChemMedChem</i> , 2022, 17, .	1.6	4

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55	N-Tosylindole-coumarin with high fluorescence quantum yield and their potential applications. <i>Journal of Molecular Structure</i> , 2022, 1260, 132840.	1.8	4
56	Cationic polyfluorenes for intracellular delivery of proteins. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6513.	1.5	3
57	One-pot Synthesis of Coumarin-Indomethacin Hybrids as COX-2 Targeting Probes for Cancer Imaging. <i>ChemMedChem</i> , 2021, 16, 1660-1666.	1.6	2
58	Wiring Xanthine Oxidase Using an Osmium-Complex-Modified Polymer for Application in Biosensing. <i>ChemElectroChem</i> , 0, , .	1.7	2
59	Interfacial defects induced Z-scheme formation in Ag <sub>3</sub> PO <sub>4</sub> /MCo <sub>2</sub> O <sub>4</sub> (M = Cu, and Zn) heterostructures for enhanced dye photodegradation and benzylamine selective photooxidation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 430, 113956.	2.0	2
60	Extract of cassava waste as a lixiviant for gold leaching from electronic waste. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 437-448.	2.1	2
61	Near-infrared aza-BODIPYs bearing tetraphenylethylene: Synthesis, photophysical studies, and cell imaging application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 433, 114128.	2.0	2
62	ImmunopET of the differential expression of CD146 in breast cancer. <i>American Journal of Cancer Research</i> , 2021, 11, 1586-1599.	1.4	0
63	Design of a surrogate for high throughput screening of fatty aldehyde reductase engineering. <i>Chemical Communications</i> , 2021, 57, 13373-13376.	2.2	0