Ryan Tsz Kin Kwok

List of Publications by Year
in descending order

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237	28,579	5248	5663
papers	citations	83 h-index	162 g-index

243	243	243	16220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A versatile AIE fluorogen with selective reactivity to primary amines for monitoring amination, protein labeling, and mitochondrial staining. Aggregate, 2023, 4, .	5.2	15
2	Taming Reactive Oxygen Species: Mitochondria-Targeting Aggregation-Induced Emission Luminogen for Neuron Protection via Photosensitization-Triggered Autophagy. CCS Chemistry, 2022, 4, 2249-2257.	4.6	14
3	Organic Long-Persistent Luminescence from a Single-Component Aggregate. Journal of the American Chemical Society, 2022, 144, 3050-3062.	6.6	61
4	Amplification of Activated Near-Infrared Afterglow Luminescence by Introducing Twisted Molecular Geometry for Understanding Neutrophil-Involved Diseases. Journal of the American Chemical Society, 2022, 144, 3429-3441.	6.6	91
5	A ratiometric theranostic system for visualization of ONOO^{â^'} species and reduction of drug-induced hepatotoxicity. Biomaterials Science, 2022, 10, 1083-1089.	2.6	12
6	One-step light-up metabolic probes for in situ discrimination and killing of intracellular bacteria. Materials Chemistry Frontiers, 2022, 6, 450-458.	3.2	8
7	Strategies in boosting photosensitization for biomedical applications. Science China Chemistry, 2022, 65, 647-649.	4.2	16
8	Precise and long-term tracking of mitochondria in neurons using a bioconjugatable and photostable AIE luminogen. Chemical Science, 2022, 13, 2965-2970.	3.7	18
9	Evoking Highly Immunogenic Ferroptosis Aided by Intramolecular Motionâ€Induced Photoâ€Hyperthermia for Cancer Therapy. Advanced Science, 2022, 9, e2104885.	5.6	34
10	Oneâ€Pot Synthesis of Customized Metalâ€“Phenolicâ€Networkâ€Coated AIE Dots for In Vivo Bioimaging. Advanced Science, 2022, 9, e2104997.	5.6	20
11	Molecular Crystal Engineering of Organic Chromophores for NIR-II Fluorescence Quantification of Cerebrovascular Function. ACS Nano, 2022, 16, 3323-3331.	7.3	12
12	Aggregation-Induced Emission Luminogens for Cell Death Research. ACS Bio & Med Chem Au, 2022, 2, 236-257.	1.7	14
13	Leveraging bacterial survival mechanism for targeting and photodynamic inactivation of bacterial biofilms with red natural AIEgen. Cell Reports Physical Science, 2022, 3, 100803.	2.8	12
14	Aggregationâ€induced emission luminogens for augmented photosynthesis. Exploration, 2022, 2, .	5.4	19
15	Recent advances in aggregation-induced emission luminogens in photoacoustic imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2560-2583.	3.3	7
16	Structural and process controls of AIEgens for NIR-II theranostics. Chemical Science, 2021, 12, 3427-3436.	3.7	169
17	Unusual light-driven amplification through unexpected regioselective photogeneration of five-membered azaheterocyclic AIEgen. Chemical Science, 2021, 12, 709-717.	3.7	23
18	AIEgens for microbial detection and antimicrobial therapy. Biomaterials, 2021, 268, 120598.	5.7	86

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19	AIE-based luminescence probes for metal ion detection. Coordination Chemistry Reviews, 2021, 429, 213693.	9.5	157
20	Wash-free detection and bioimaging by AIEgens. Materials Chemistry Frontiers, 2021, 5, 723-743.	3.2	25
21	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. Materials Horizons, 2021, 8, 1816-1824.	6.4	7
22	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. Materials Chemistry Frontiers, 2021, 5, 1853-1862.	3.2	22
23	Turning on Light Emission of a Dark Proâ€Aggregationâ€Induced Emission Luminogen in Aqueous Media Through Reductaseâ€Modulated Derotation. Advanced NanoBiomed Research, 2021, 1, 2000080.	1.7	12
24	Facilitation of molecular motion to develop turn-on photoacoustic bioprobe for detecting nitric oxide in encephalitis. Nature Communications, 2021, 12, 960.	5.8	62
25	Catalyst-Free Spontaneous Polymerization with 100% Atom Economy: Facile Synthesis of Photoresponsive Polysulfonates with Multifunctionalities. Jacs Au, 2021, 1, 344-353.	3.6	14
26	Efficient Killing of Multidrugâ€Resistant Internalized Bacteria by AIEgens In Vivo. Advanced Science, 2021, 8, 2001750.	5.6	49
27	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. ACS Nano, 2021, 15, 9176-9185.	7.3	41
28	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infraredâ€I Fluorescence Imaging and Near Infraredâ€I Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2102213.	7.8	47
29	Mitochondria-Specific Aggregation-Induced Emission Luminogens for Selective Photodynamic Killing of Fungi and Efficacious Treatment of Keratitis. ACS Nano, 2021, 15, 12129-12139.	7.3	46
30	InnenrÃ¼cktitelbild: Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning (Angew. Chem. 35/2021). Angewandte Chemie, 2021, 133, 19643-19643.	1.6	0
31	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie, 2021, 133, 19371-19380.	1.6	2
32	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie - International Edition, 2021, 60, 19222-19231.	7.2	29
33	Real-Time Visualization and Monitoring of Physiological Dynamics by Aggregation-Induced Emission Luminogens (AIEgens). Annual Review of Analytical Chemistry, 2021, 14, 413-435.	2.8	8
34	How Do Molecular Motions Affect Structures and Properties at Molecule and Aggregate Levels?. Journal of the American Chemical Society, 2021, 143, 11820-11827.	6.6	26
35	Side Areaâ€Assisted 3D Evaporator with Antibiofouling Function for Ultraâ€Efficient Solar Steam Generation. Advanced Materials, 2021, 33, e2102258.	11.1	79
36	Recent Advances in Aggregationâ€Induced Emission Materials and Their Biomedical and Healthcare Applications. Advanced Healthcare Materials, 2021, 10, e2101055.	3.9	36

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37	Sensitive and specific detection of peroxynitrite and in vivo imaging of inflammation by a â€œsimpleâ€•AIE bioprobe. Materials Chemistry Frontiers, 2021, 5, 1830-1835.	3.2	19
38	Phototriggered Aggregationâ€Induced Emission and Direct Generation of 4D Soft Patterns. Advanced Materials, 2021, 33, e2105113.	11.1	40
39	Tunable Linear and Nonlinear Optical Properties from Room Temperature Phosphorescent Cyclic Triimidazoleâ€Pyrene Bioâ€Probe. Chemistry - A European Journal, 2021, 27, 16690-16700.	1.7	13
40	Vision redemption: Self-reporting AIEgens for combined treatment of bacterial keratitis. Biomaterials, 2021, 279, 121227.	5.7	15
41	AIEgen for cancer discrimination. Materials Science and Engineering Reports, 2021, 146, 100649.	14.8	23
42	Boosting Cyanobacteria Growth by Fivefold with Aggregation-Induced Emission Luminogens: Toward the Development of a Biofactory. ACS Sustainable Chemistry and Engineering, 2021, 9, 15258-15266.	3.2	9
43	Clusterization-triggered emission: Uncommon luminescence from common materials. Materials Today, 2020, 32, 275-292.	8.3	407
44	Unusual Throughâ€Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. Angewandte Chemie - International Edition, 2020, 59, 8552-8559.	7.2	28
45	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie - International Edition, 2020, 59, 9470-9477.	7.2	153
46	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie, 2020, 132, 9557-9564.	1.6	22
47	Unusual Throughâ€Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. Angewandte Chemie, 2020, 132, 8630-8637.	1.6	5
48	Ultrafast discrimination of Gram-positive bacteria and highly efficient photodynamic antibacterial therapy using near-infrared photosensitizer with aggregation-induced emission characteristics. Biomaterials, 2020, 230, 119582.	5.7	91
49	AIE luminogens as fluorescent bioprobes. TrAC - Trends in Analytical Chemistry, 2020, 123, 115769.	5.8	133
50	AIE-based energy transfer systems for biosensing, imaging, and therapeutics. TrAC - Trends in Analytical Chemistry, 2020, 122, 115743.	5.8	44
51	Highly efficient phototheranostics of macrophage-engulfed Gram-positive bacteria using a NIR luminogen with aggregation-induced emission characteristics. Biomaterials, 2020, 261, 120340.	5.7	39
52	Incorporation of Planar Blocks into Twisted Skeletons: Boosting Brightness of Fluorophores for Bioimaging beyond 1500 Nanometer. ACS Nano, 2020, 14, 14228-14239.	7.3	78
53	Making the Best Use of Excited-State Energy: Multimodality Theranostic Systems Based on Second Near-Infrared (NIR-II) Aggregation-Induced Emission Luminogens (AIEgens). , 2020, 2, 1033-1040.		60
54	20 Years of Aggregationâ€Induced Emission Research. Advanced Optical Materials, 2020, 8, 2000855.	3.6	5

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55	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. ACS Nano, 2020, 14, 16840-16853.	7.3	72
56	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie - International Edition, 2020, 59, 20371-20375.	7.2	72
57	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie, 2020, 132, 20551-20555.	1.6	6
58	Aggregate Science: From Structures to Properties. Advanced Materials, 2020, 32, e2001457.	11.1	254
59	Planar and Twisted Molecular Structure Leads to the High Brightness of Semiconducting Polymer Nanoparticles for NIR-IIa Fluorescence Imaging. Journal of the American Chemical Society, 2020, 142, 15146-15156.	6.6	177
60	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. Chemical Science, 2020, 11, 8438-8447.	3.7	32
61	Catalyst-Free Multicomponent Tandem Polymerizations of Alkyne and Amines toward Nontraditional Intrinsic Luminescent Poly(aminomaleimide)s. Macromolecules, 2020, 53, 3756-3764.	2.2	34
62	ACQâ€toâ€AIE Transformation: Tuning Molecular Packing by Regioisomerization for Twoâ€Photon NIR Bioimaging. Angewandte Chemie - International Edition, 2020, 59, 12822-12826.	7.2	131
63	ACQâ€toâ€AIE Transformation: Tuning Molecular Packing by Regioisomerization for Twoâ€Photon NIR Bioimaging. Angewandte Chemie, 2020, 132, 12922-12926.	1.6	25
64	Multifunctional Supramolecular Assemblies with Aggregation-Induced Emission (AIE) for Cell Line Identification, Cell Contamination Evaluation, and Cancer Cell Discrimination. ACS Nano, 2020, 14, 7552-7563.	7.3	59
65	Visualizing semipermeability of the cell membrane using a pH-responsive ratiometric AIEgen. Chemical Science, 2020, 11, 5753-5758.	3.7	26
66	AIE Bioconjugates for Biomedical Applications. Advanced Optical Materials, 2020, 8, 2000162.	3.6	62
67	Highly stable and bright AIE dots for NIR-II deciphering of living rats. Nano Today, 2020, 34, 100893.	6.2	53
68	Design of AIEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. Nature Communications, 2020, 11, 1255.	5.8	283
69	Single AIEgen for multiple tasks: Imaging of dual organelles and evaluation of cell viability. Biomaterials, 2020, 242, 119924.	5.7	46
70	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie, 2020, 132, 9697-9703.	1.6	22
71	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 9610-9616.	7.2	146
72	In vivomonitoring of tissue regeneration using a ratiometric lysosomal AIE probe. Chemical Science, 2020, 11, 3152-3163.	3.7	52

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73	Multifunctional Au I â€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie, 2020, 132, 7163-7171.	1.6	17
74	Highly Stable and Bright NIR-II AIE Dots for Intraoperative Identification of Ureter. ACS Applied Materials & Interfaces, 2020, 12, 8040-8049.	4.0	50
75	A lipophilic AIEgen for lipid droplet imaging and evaluation of the efficacy of HIF-1 targeting drugs. Journal of Materials Chemistry B, 2020, 8, 1516-1523.	2.9	34
76	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. Journal of the American Chemical Society, 2020, 142, 3959-3969.	6.6	143
77	Less is more: Silver-AIE core@shell nanoparticles for multimodality cancer imaging and synergistic therapy. Biomaterials, 2020, 238, 119834.	5.7	48
78	Red AIEâ€Active Fluorescent Probes with Tunable Organelleâ€Specific Targeting. Advanced Functional Materials, 2020, 30, 1909268.	7.8	85
79	Highly efficient singlet oxygen generation, two-photon photodynamic therapy and melanoma ablation by rationally designed mitochondria-specific near-infrared AIEgens. Chemical Science, 2020, 11, 2494-2503.	3.7	131
80	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AIEgens. Advanced Materials, 2020, 32, e1906493.	11.1	160
81	Cancer cell discrimination and dynamic viability monitoring through wash-free bioimaging using AIEgens. Chemical Science, 2020, 11, 7676-7684.	3.7	45
82	Dragonfly-shaped near-infrared AIEgen with optimal fluorescence brightness for precise image-guided cancer surgery. Biomaterials, 2020, 248, 120036.	5.7	71
83	Killing G(+) or G(â^') Bacteria? The Important Role of Molecular Charge in AIEâ€Active Photosensitizers. Small Methods, 2020, 4, 2000046.	4.6	114
84	Two Are Better Than One: A Design Principle for Ultralongâ€Persistent Luminescence of Pure Organics. Advanced Materials, 2020, 32, e2001026.	11.1	164
85	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. Chemical Science, 2020, 11, 4730-4740.	3.7	59
86	Multifunctional Au^Iâ€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie - International Edition, 2020, 59, 7097-7105.	7.2	49
87	Visualizing and monitoring interface structures and dynamics by luminogens with aggregation-induced emission. Journal of Applied Physics, 2019, 126, 050901.	1.1	19
88	Sparks fly when AIE meets with polymers. Materials Chemistry Frontiers, 2019, 3, 2207-2220.	3.2	68
89	Functionalized Acrylonitriles with Aggregation-Induced Emission: Structure Tuning by Simple Reaction-Condition Variation, Efficient Red Emission, and Two-Photon Bioimaging. Journal of the American Chemical Society, 2019, 141, 15111-15120.	6.6	155
90	Specific and Quantitative Detection of Albumin in Biological Fluids by Tetrazolate-Functionalized Water-Soluble AIEgens. ACS Applied Materials & Interfaces, 2019, 11, 29619-29629.	4.0	44

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91	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. Nature Communications, 2019, 10, 2952.	5.8	125
92	Aggregationâ€•Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. Advanced Materials, 2019, 31, e1904799.	11.1	126
93	Visualization and Manipulation of Molecular Motion in the Solid State through Photoinduced Clusteroluminescence. Journal of Physical Chemistry Letters, 2019, 10, 7077-7085.	2.1	50
94	Three-Component Regio- and Stereoselective Polymerizations toward Functional Chalcogen-Rich Polymers with AIE-Activities. Journal of the American Chemical Society, 2019, 141, 14712-14719.	6.6	47
95	Tuning Organelle Specificity and Photodynamic Therapy Efficiency by Molecular Function Design. ACS Nano, 2019, 13, 11283-11293.	7.3	199
96	Super-Resolution Visualization of Self-Assembling Helical Fibers Using Aggregation-Induced Emission Luminogens in Stimulated Emission Depletion Nanoscopy. ACS Nano, 2019, 13, 11863-11873.	7.3	45
97	Boosting Fluorescence-Photoacoustic-Raman Properties in One Fluorophore for Precise Cancer Surgery. CheM, 2019, 5, 2657-2677.	5.8	100
98	Aggregation-induced emission: fundamental understanding and future developments. Materials Horizons, 2019, 6, 428-433.	6.4	564
99	Facile emission color tuning and circularly polarized light generation of single luminogen in engineering robust forms. Materials Horizons, 2019, 6, 405-411.	6.4	41
100	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie, 2019, 131, 4584-4588.	1.6	14
101	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie - International Edition, 2019, 58, 4536-4540.	7.2	87
102	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and Hostâ€“Guest Assembly. Chemistry of Materials, 2019, 31, 1092-1100.	3.2	46
103	A New Strategy toward â€œSimpleâ€•Waterâ€Soluble AIE Probes for Hypoxia Detection. Advanced Functional Materials, 2019, 29, 1903278.	7.8	58
104	Lab-in-cell based on spontaneous amino-yne click polymerization. Science China Chemistry, 2019, 62, 1198-1203.	4.2	55
105	Ratiometric Detection of Mitochondrial Thiol with a Two-Photon Active AIEgen. ACS Applied Bio Materials, 2019, 2, 3120-3127.	2.3	26
106	AIE-based theranostic systems for detection and killing of pathogens. Theranostics, 2019, 9, 3223-3248.	4.6	116
107	A highly efficient and AIE-active theranostic agent from natural herbs. Materials Chemistry Frontiers, 2019, 3, 1454-1461.	3.2	82
108	Drawing a clear mechanistic picture for the aggregation-induced emission process. Materials Chemistry Frontiers, 2019, 3, 1143-1150.	3.2	64

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109	Robust Serum Albumin-Responsive AIEgen Enables Latent Bloodstain Visualization in High Resolution and Reliability for Crime Scene Investigation. ACS Applied Materials & Interfaces, 2019, 11, 17306-17312.	4.0	32
110	Boosting Nonâ€Radiative Decay to Do Useful Work: Development of a Multiâ€Modality Theranostic System from an AIEgen. Angewandte Chemie, 2019, 131, 5684-5688.	1.6	46
111	AIE Featured Inorganicâ€“Organic Core@Shell Nanoparticles for High-Efficiency siRNA Delivery and Real-Time Monitoring. Nano Letters, 2019, 19, 2272-2279.	4.5	58
112	Boosting Nonâ€Radiative Decay to Do Useful Work: Development of a Multiâ€Modality Theranostic System from an AIEgen. Angewandte Chemie - International Edition, 2019, 58, 5628-5632.	7.2	180
113	In Situ Monitoring Apoptosis Process by a Self-Reporting Photosensitizer. Journal of the American Chemical Society, 2019, 141, 5612-5616.	6.6	196
114	Highly photostable two-photon NIR AIEgens with tunable organelle specificity and deep tissue penetration. Biomaterials, 2019, 208, 72-82.	5.7	82
115	A facile design for multifunctional AIEgen based on tetraaniline derivatives. Science China Chemistry, 2019, 62, 732-738.	4.2	9
116	Facile synthesis of AIEgens with wide color tunability for cellular imaging and therapy. Chemical Science, 2019, 10, 3494-3501.	3.7	112
117	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. Nature Communications, 2019, 10, 768.	5.8	296
118	SwissKnife-Inspired Multifunctional Fluorescence Probes for Cellular Organelle Targeting Based on Simple AIEgens. Analytical Chemistry, 2019, 91, 2169-2176.	3.2	40
119	Engineering Sensor Arrays Using Aggregationâ€Induced Emission Luminogens for Pathogen Identification. Advanced Functional Materials, 2019, 29, 1805986.	7.8	122
120	Dual-Mode Ultrasensitive Detection of Nucleic Acids via an Aqueous â€œSeesawâ€•Strategy by Combining Aggregation-Induced Emission and Plasmonic Colorimetry. ACS Applied Nano Materials, 2019, 2, 163-169.	2.4	8
121	Bioâ€orthogonal AIE Dots Based on Polyyneâ€Bridged Redâ€emissive AIEgen for Tumor Metabolic Labeling and Targeted Imaging. Chemistry - an Asian Journal, 2019, 14, 770-774.	1.7	13
122	1 + 1 >> 2: Dramatically Enhancing the Emission Efficiency of TPEâ€Based AIEgens but Keeping their Emission Color through Tailored Alkyl Linkages. Advanced Functional Materials, 2018, 28, 1707210.	7.8	73
123	An Easily Accessible Ionic Aggregationâ€Induced Emission Luminogen with Hydrogenâ€Bondingâ€Switchable Emission and Washâ€Free Imaging Ability. Angewandte Chemie - International Edition, 2018, 57, 5011-5015.	7.2	73
124	Fluorogenic Ag⁺â€“Tetrazolate Aggregation Enables Efficient Fluorescent Biological Silver Staining. Angewandte Chemie - International Edition, 2018, 57, 5750-5753.	7.2	75
125	Fluorogenic Ag⁺â€“Tetrazolate Aggregation Enables Efficient Fluorescent Biological Silver Staining. Angewandte Chemie, 2018, 130, 5852-5855.	1.6	8
126	In Situ Monitoring of RAFT Polymerization by Tetraphenylethyleneâ€Containing Agents with Aggregationâ€Induced Emission Characteristics. Angewandte Chemie - International Edition, 2018, 57, 6274-6278.	7.2	145

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127	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. Chemical Science, 2018, 9, 2705-2710.	3.7	98
128	Rational Design of Perylenediimideâ€Substituted Triphenylethylene to Electron Transporting Aggregationâ€Induced Emission Luminogens (AIEgens) with High Mobility and Nearâ€Infrared Emission. Advanced Functional Materials, 2018, 28, 1705609.	7.8	82
129	Realâ€Time and Highâ€Resolution Bioimaging with Bright Aggregationâ€Induced Emission Dots in Shortâ€Wave Infrared Region. Advanced Materials, 2018, 30, e1706856.	11.1	341
130	A photostable AIE luminogen with near infrared emission for monitoring morphological change of plasma membrane. Journal of Materials Chemistry B, 2018, 6, 1501-1507.	2.9	25
131	Aptamer-Decorated Self-Assembled Aggregation-Induced Emission Organic Dots for Cancer Cell Targeting and Imaging. Analytical Chemistry, 2018, 90, 1063-1067.	3.2	70
132	Mechanochromism: Multifunctional AIEgens: Ready Synthesis, Tunable Emission, Mechanochromism, Mitochondrial, and Bacterial Imaging (Adv. Funct. Mater. 1/2018). Advanced Functional Materials, 2018, 28, 1870006.	7.8	1
133	In Situ Monitoring of RAFT Polymerization by Tetraphenylethyleneâ€Containing Agents with Aggregationâ€Induced Emission Characteristics. Angewandte Chemie, 2018, 130, 6382-6386.	1.6	24
134	Regio- and Stereoselective Polymerization of Diynes with Inorganic Comonomer: A Facile Strategy to Conjugated Poly(p-arylene dihalodiene)s with Processability and Postfunctionalizability. Macromolecules, 2018, 51, 3497-3503.	2.2	3
135	An Easily Accessible Ionic Aggregationâ€Induced Emission Luminogen with Hydrogenâ€Bondingâ€Switchable Emission and Washâ€Free Imaging Ability. Angewandte Chemie, 2018, 130, 5105-5109.	1.6	63
136	Rational design of a water-soluble NIR AIEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. Chemical Science, 2018, 9, 3685-3693.	3.7	343
137	A simple mitochondrial targeting AIEgen for image-guided two-photon excited photodynamic therapy. Journal of Materials Chemistry B, 2018, 6, 2557-2565.	2.9	77
138	Malonitrileâ€Functionalized Tetraphenylpyrazine: Aggregationâ€Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. Advanced Functional Materials, 2018, 28, 1704689.	7.8	124
139	Multifunctional AIEgens: Ready Synthesis, Tunable Emission, Mechanochromism, Mitochondrial, and Bacterial Imaging. Advanced Functional Materials, 2018, 28, 1704589.	7.8	96
140	Organic Mitoprobes based on Fluorogens with Aggregationâ€Induced Emission. Israel Journal of Chemistry, 2018, 58, 860-873.	1.0	13
141	In situ monitoring of molecular aggregation using circular dichroism. Nature Communications, 2018, 9, 4961.	5.8	70
142	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie, 2018, 130, 15409-15413.	1.6	35
143	Highly Emissive AIEgens with Multiple Functions: Facile Synthesis, Chromism, Specific Lipid Droplet Imaging, Apoptosis Monitoring, and In Vivo Imaging. Chemistry of Materials, 2018, 30, 7892-7901.	3.2	68
144	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie - International Edition, 2018, 57, 15189-15193.	7.2	198

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145	Red/NIRâ€Emissive Benzo[d]imidazoleâ€Cored AIEgens: Facile Molecular Design for Wavelength Extending and In Vivo Tumor Metabolic Imaging. Advanced Materials, 2018, 30, e1805220.	11.1	106
146	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. ACS Applied Bio Materials, 2018, 1, 1768-1786.	2.3	219
147	Theranostics based on AIEgens. Theranostics, 2018, 8, 4925-4956.	4.6	143
148	A Bifunctional Aggregationâ€Induced Emission Luminogen for Monitoring and Killing of Multidrugâ€Resistant Bacteria. Advanced Functional Materials, 2018, 28, 1804632.	7.8	105
149	The unusual aggregation-induced emission of coplanar organoboron isomers and their lipid droplet-specific applications. Materials Chemistry Frontiers, 2018, 2, 1498-1507.	3.2	61
150	Dual fluorescence of tetraphenylethylene-substituted pyrenes with aggregation-induced emission characteristics for white-light emission. Chemical Science, 2018, 9, 5679-5687.	3.7	119
151	Exploration of biocompatible AIEgens from natural resources. Chemical Science, 2018, 9, 6497-6502.	3.7	167
152	Facile access to deep red/near-infrared emissive AIEgens for efficient non-doped OLEDs. Chemical Science, 2018, 9, 6118-6125.	3.7	101
153	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. Chemistry of Materials, 2018, 30, 4778-4787.	3.2	154
154	Aggregation-induced emission luminogen-based fluorescence detection of hypoxanthine: a probe for biomedical diagnosis of energy metabolism-related conditions. Journal of Materials Chemistry B, 2018, 6, 4575-4578.	2.9	15
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