

# Bing Yang

## List of Publications by Year in descending order

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102  
papers

4,607  
citations

81900

39  
h-index

110387

64  
g-index

104  
all docs

104  
docs citations

104  
times ranked

6895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Dioxide Conversion to Methanol over Size-Selected Cu <sub>4</sub> Clusters at Low Pressures. <i>Journal of the American Chemical Society</i> , 2015, 137, 8676-8679.	13.7	299
2	Efficient Nondoped Blue Fluorescent Organic Light-Emitting Diodes (OLEDs) with a High External Quantum Efficiency of 9.4% @ 1000 cd m <sup>-2</sup> Based on Phenanthroimidazole-Anthracene Derivative. <i>Advanced Functional Materials</i> , 2018, 28, 1705813.	14.9	193
3	Excimer-induced high-efficiency fluorescence due to pairwise anthracene stacking in a crystal with long lifetime. <i>Chemical Communications</i> , 2016, 52, 7356-7359.	4.1	164
4	YAP antagonizes innate antiviral immunity and is targeted for lysosomal degradation through IKK $\epsilon$ -mediated phosphorylation. <i>Nature Immunology</i> , 2017, 18, 733-743.	14.5	155
5	The 20 S proteasome core, active within apoptotic exosome-like vesicles, induces autoantibody production and accelerates rejection. <i>Science Translational Medicine</i> , 2015, 7, 318ra200.	12.4	147
6	Tumor-derived exosomes antagonize innate antiviral immunity. <i>Nature Immunology</i> , 2018, 19, 233-245.	14.5	146
7	Copper Cluster Size Effect in Methanol Synthesis from CO <sub>2</sub> . <i>Journal of Physical Chemistry C</i> , 2017, 121, 10406-10412.	3.1	144
8	Highly Efficient Nondoped Green Organic Light-Emitting Diodes with Combination of High Photoluminescence and High Exciton Utilization. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3041-3049.	8.0	126
9	An innovative procedure of genome-wide association analysis fits studies on germplasm population and plant breeding. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2327-2343.	3.6	121
10	Hybridization and de-hybridization between the locally-excited (LE) state and the charge-transfer (CT) state: a combined experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24176-24184.	2.8	117
11	Chlorination of Low-Band-Gap Polymers: Toward High-Performance Polymer Solar Cells. <i>Chemistry of Materials</i> , 2017, 29, 2819-2830.	6.7	112
12	Highly Efficient Deep Blue Organic Light-Emitting Diodes Based on Imidazole: Significantly Enhanced Performance by Effective Energy Transfer with Negligible Efficiency Roll-off. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 28771-28779.	8.0	107
13	Reverse intersystem crossing from upper triplet levels to excited singlet: a hot excitation path for organic light-emitting diodes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140318.	3.4	103
14	Rehybridization of Nitrogen Atom Induced Photoluminescence Enhancement under Pressure Stimulation. <i>Advanced Functional Materials</i> , 2017, 27, 1602276.	14.9	92
15	Breast cancer metastasis suppressor OTUD1 deubiquitinates SMAD7. <i>Nature Communications</i> , 2017, 8, 2116.	12.8	90
16	Discrete face-to-face stacking of anthracene inducing high-efficiency excimer fluorescence in solids via a thermally activated phase transition. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10061-10067.	5.5	80
17	Biomimetic Transmembrane Channels with High Stability and Transporting Efficiency from Helically Folded Macromolecules. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9723-9727.	13.8	78
18	Flood risk zoning using a rule mining based on ant colony algorithm. <i>Journal of Hydrology</i> , 2016, 542, 268-280.	5.4	76

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19	Regulation of the Hippo Pathway by Phosphatidic Acid-Mediated Lipid-Protein Interaction. <i>Molecular Cell</i> , 2018, 72, 328-340.e8.	9.7	74
20	An ambipolar organic field-effect transistor based on an AIE-active single crystal with a high mobility level of $2.0 \text{ cm}^2/\text{Vs}$ . <i>Chemical Communications</i> , 2016, 52, 2370-2373.	4.1	73
21	Efficient Near-Infrared (NIR) Organic Light-Emitting Diodes Based on Donor-Acceptor Architecture: An Improved Emissive State from Mixing to Hybridization. <i>Advanced Optical Materials</i> , 2017, 5, 1700441.	7.3	71
22	Highly Selective Artificial Potassium Ion Channels Constructed from Pore-Containing Helical Oligomers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12668-12671.	13.8	68
23	Breaking the Efficiency Limit of Fluorescent OLEDs by Hybridized Local and Charge-Transfer Host Materials. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5240-5245.	4.6	66
24	Cyclooxygenase-2 in tumor-associated macrophages promotes breast cancer cell survival by triggering a positive-feedback loop between macrophages and cancer cells. <i>Oncotarget</i> , 2015, 6, 29637-29650.	1.8	65
25	Twist Angle and Rotation Freedom Effects on Luminescent Donor-Acceptor Materials: Crystal Structures, Photophysical Properties, and OLED Application. <i>Advanced Optical Materials</i> , 2016, 4, 2109-2118.	7.3	61
26	Proximity-enhanced SuFEx chemical cross-linker for specific and multitargeting cross-linking mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11162-11167.	7.1	61
27	Catheter Ablation of Fascicular Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1443-1451.	4.8	60
28	A perylene bisimide network for high-performance n-type electrochromism. <i>Chemical Communications</i> , 2016, 52, 13600-13603.	4.1	60
29	Fitness effects of altering gene expression noise in <i>Saccharomyces cerevisiae</i> . <i>ELife</i> , 2018, 7, .	6.0	60
30	Responses of soil phosphorus fractions to gap size in a reforested spruce forest. <i>Geoderma</i> , 2016, 279, 61-69.	5.1	55
31	Anomalous Effect of Intramolecular Charge Transfer on the Light Emitting Properties of BODIPY. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14956-14965.	8.0	55
32	Highly efficient and stable pure blue nondoped organic light-emitting diodes at high luminance based on phenanthroimidazole-pyrene derivative enabled by triple-triplet annihilation. <i>Dyes and Pigments</i> , 2017, 142, 189-197.	3.7	54
33	Community composition, structure and productivity in response to nitrogen and phosphorus additions in a temperate meadow. <i>Science of the Total Environment</i> , 2019, 654, 863-871.	8.0	53
34	Acute splenic responses in patients with ischemic stroke and intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1012-1021.	4.3	51
35	Pressure-Induced Wide-Range Reversible Emission Shift of Triphenylamine-Substituted Anthracene via Hybridized Local and Charge Transfer (HLCT) Excited State. <i>Advanced Optical Materials</i> , 2018, 6, 1700647.	7.3	49
36	Highly twisted bipolar emitter for efficient nondoped deep-blue electroluminescence. <i>Dyes and Pigments</i> , 2017, 140, 328-336.	3.7	48

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37	Theoretical investigation of high-efficiency organic electroluminescent material: HLCT state and hot exciton process. <i>RSC Advances</i> , 2017, 7, 19576-19583.	3.6	48
38	Isomers of Pyrene-Imidazole Compounds: Synthesis and Configuration Effect on Optical Properties. <i>Organic Letters</i> , 2015, 17, 6138-6141.	4.6	47
39	Efficient deep-blue non-doped organic light-emitting diode with improved roll-off of efficiency based on hybrid local and charge-transfer excited state. <i>RSC Advances</i> , 2016, 6, 70085-70090.	3.6	44
40	Efficient near-infrared emission based on donor-acceptor molecular architecture: The role of ancillary acceptor of cyanophenyl. <i>Dyes and Pigments</i> , 2018, 149, 430-436.	3.7	44
41	Highly efficient luminescent E- and Z-isomers with stable configurations under photoirradiation induced by their charge transfer excited states. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8097-8104.	5.5	40
42	Prevalence and distribution of covert mortality nodavirus (CMNV) in cultured crustacean. <i>Virus Research</i> , 2017, 233, 113-119.	2.2	38
43	Non-thermal plasma for inactivated-vaccine preparation. <i>Vaccine</i> , 2016, 34, 1126-1132.	3.8	36
44	High performance, flexible, poly(3,4-ethylenedioxythiophene) supercapacitors achieved by doping redox mediators in organogel electrolytes. <i>Journal of Power Sources</i> , 2016, 332, 413-419.	7.8	35
45	Adjusting Nitrogen Atom Orientations of Pyridine Ring in Tetraphenylsilane-Based Hosts for Highly Efficient Blue Phosphorescent Organic Light-Emitting Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24793-24802.	8.0	34
46	Does thinning-induced gap size result in altered soil microbial community in pine plantation in eastern Tibetan Plateau?. <i>Ecology and Evolution</i> , 2017, 7, 2986-2993.	1.9	34
47	Electron stimulated hydroxylation of a metal supported silicate film. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3755-3764.	2.8	33
48	Defect-Induced Nucleation and Epitaxy: A New Strategy toward the Rational Synthesis of WZ-GaN/3C-SiC Core-Shell Heterostructures. <i>Nano Letters</i> , 2015, 15, 7837-7846.	9.1	32
49	A pure red luminescent $\hat{I}^2$ -carboline-substituted biphenylmethyl radical: photophysics, stability and OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11248-11254.	5.5	31
50	Efficient pyrene-imidazole derivatives for organic light-emitting diodes. <i>RSC Advances</i> , 2016, 6, 17239-17245.	3.6	30
51	An autoimmune disease variant of IgG1 modulates B cell activation and differentiation. <i>Science</i> , 2018, 362, 700-705.	12.6	28
52	Isomerization effect of triphenylamine-acridine derivatives on excited-state modification, photophysical property and electroluminescence performance. <i>Dyes and Pigments</i> , 2017, 146, 558-566.	3.7	27
53	DNA Facilitates the Sorption of Polycyclic Aromatic Hydrocarbons on Montmorillonites. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2694-2703.	10.0	27
54	The effect of different binding sites on the optical and electronic properties of tetraphenylethylene-substituted thiophene isomers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2552-2558.	5.5	26

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55	Protective Effects of Autologous Bone Marrow Mononuclear Cells After Administering t-PA in an Embolic Stroke Model. <i>Translational Stroke Research</i> , 2018, 9, 135-145.	4.2	26
56	Design, biological evaluation and 3D QSAR studies of novel dioxin-containing triaryl pyrazoline derivatives as potential B-Raf inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3052-3061.	3.0	24
57	Arbuscular mycorrhizal fungi alleviate the negative effect of nitrogen deposition on ecosystem functions in meadow grassland. <i>Land Degradation and Development</i> , 2020, 31, 748-759.	3.9	23
58	Pressure Tuning Dual Fluorescence of 4-( <i>N,N</i> -Dimethylamino)benzonitrile. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4909-4916.	3.1	21
59	Asymmetric Synthesis of Chiral $\beta$ -Methyl- $\beta$ , $\gamma$ -diamino Acid Derivatives via Group-Assisted Purification Chemistry Using <i>N</i> -Phosphonyl Imines and a Ni(II)-Complexed Alanine Schiff Base. <i>Journal of Organic Chemistry</i> , 2016, 81, 7654-7661.	3.2	20
60	Genetically Encoding Quinoline Reverses Chromophore Charge and Enables Fluorescent Protein Brightening in Acidic Vesicles. <i>Journal of the American Chemical Society</i> , 2018, 140, 11058-11066.	13.7	20
61	Value of a Posterior Electrocardiographic Lead for Localization of Ventricular Outflow Tract Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 678-686.	3.2	19
62	Spontaneous Interfacial Dipole Orientation Effect of Acetic Acid Solubilized PFN. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10270-10279.	8.0	18
63	A Switchable Helical Capsule for Encapsulation and Release of Potassium Ion. <i>Journal of Organic Chemistry</i> , 2018, 83, 1898-1902.	3.2	18
64	Inducible expression of cancer-testis antigens in human prostate cancer. <i>Oncotarget</i> , 2016, 7, 84359-84374.	1.8	17
65	Effects of crop species richness on the community of soil nematodes in an experimental agro-ecosystem. <i>European Journal of Soil Biology</i> , 2016, 73, 26-33.	3.2	15
66	Long-term cultivation of Bt rice expressing the Cry1Ab/1Ac gene reduced phytoparasitic nematode abundance but did not affect other nematode parameters in paddy fields. <i>Science of the Total Environment</i> , 2017, 607-608, 463-474.	8.0	15
67	Soil microbial community and enzymatic activity in soil particle-size fractions of spruce plantation and secondary birch forest. <i>European Journal of Soil Biology</i> , 2020, 99, 103196.	3.2	15
68	Surface Water Quality Evaluation Based on a Game Theory-Based Cloud Model. <i>Water (Switzerland)</i> , 2018, 10, 510.	2.7	14
69	Dragon (RGMb) induces oxaliplatin resistance in colon cancer cells. <i>Oncotarget</i> , 2016, 7, 48027-48037.	1.8	14
70	Design, biological evaluation and 3D QSAR studies of novel dioxin-containing pyrazoline derivatives with thiourea skeleton as selective HER-2 inhibitors. <i>Scientific Reports</i> , 2016, 6, 27571.	3.3	13
71	Rainfall-induced landslide susceptibility assessment using random forest weight at basin scale. <i>Hydrology Research</i> , 2018, 49, 1363-1378.	2.7	13
72	Molecular understanding of diphenylether-, 9,9-biphenylfluorene- and tetraphenylsilane-centered wide bandgap host materials for highly efficient blue phosphorescent OLEDs. <i>Dyes and Pigments</i> , 2019, 160, 898-908.	3.7	13

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73	The pharmacokinetic-pharmacodynamic modeling and cut-off values of tildipirosin against <i>Haemophilus parasuis</i> . <i>Oncotarget</i> , 2018, 9, 1673-1690.	1.8	13
74	Soil carbon, nitrogen and phosphorus ecological stoichiometry shifts with tree species in subalpine plantations. <i>PeerJ</i> , 2020, 8, e9702.	2.0	13
75	Comparative transcriptional profiling of tildipirosin-resistant and sensitive <i>Haemophilus parasuis</i> . <i>Scientific Reports</i> , 2017, 7, 7517.	3.3	12
76	Improved accuracy of clinical HLA genotyping by next-generation DNA sequencing affects unrelated donor search results for hematopoietic stem cell transplantation. <i>Human Immunology</i> , 2018, 79, 848-854.	2.4	12
77	Effects of reclamation age on soil microbial communities and enzymatic activities in the sloping citrus orchards of southwestern China. <i>Applied Soil Ecology</i> , 2020, 152, 103566.	4.3	12
78	Cryopreservation of Bone Marrow Mononuclear Cells Alters Their Viability and Subpopulation Composition but Not Their Treatment Effects in a Rodent Stroke Model. <i>Stem Cells International</i> , 2016, 2016, 1-7.	2.5	11
79	Mesenchymal stromal cell secretomes are modulated by suspension time, delivery vehicle, passage through catheter, and exposure to adjuvants. <i>Cytotherapy</i> , 2017, 19, 36-46.	0.7	11
80	Bis(2-(benzo[d]thiazol-2-yl)-5-fluorophenolate)beryllium: a high-performance electron transport material for phosphorescent organic light-emitting devices. <i>RSC Advances</i> , 2016, 6, 5008-5015.	3.6	10
81	Conformation pre-organization in fluorene-based conjugated polymer for simultaneous enhancement of luminescence and charge mobility. <i>Polymer Chemistry</i> , 2017, 8, 1255-1262.	3.9	10
82	Thinning-induced canopy opening exerted a specific effect on soil nematode community. <i>Ecology and Evolution</i> , 2018, 8, 3851-3861.	1.9	10
83	Substrate characteristics and ablation outcome of left atrial tachycardia in rheumatic mitral valve disease. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 924-931.	1.2	9
84	Differential mechanisms drive changes in soil C pools under N and P enrichment in a subalpine spruce plantation. <i>Geoderma</i> , 2019, 340, 213-223.	5.1	9
85	Non-contact mapping-guided ablation of ventricular arrhythmias originating from the pulmonary artery. <i>Europace</i> , 2016, 18, 281-287.	1.7	8
86	Two-parameter multi-state memory device based on memristance and memcapacitance characteristics. <i>Applied Physics Express</i> , 2018, 11, 114103.	2.4	8
87	Distinct effects of N and P addition on soil enzyme activities and C distribution in aggregates in a subalpine spruce plantation. <i>Biogeochemistry</i> , 2018, 141, 199-212.	3.5	8
88	Asymmetric aza-Morita-Baylis-Hillman reactions of chiral N-phosphonyl imines with acrylates via GAP chemistry/technology. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6024-6035.	2.8	7
89	A folding-directed catalytic microenvironment in helical dynamic covalent polymers formed by spontaneous configuration control. <i>Polymer Chemistry</i> , 2017, 8, 1294-1297.	3.9	7
90	Effect of alkylglycerone phosphate synthase on the expression profile of circRNAs in the human thyroid cancer cell line FRO. <i>Oncology Letters</i> , 2018, 15, 7889-7899.	1.8	7

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91	Determining RBE for development of lung fibrosis induced by fractionated irradiation with carbon ions utilizing fibrosis index and high-LET BED model. <i>Clinical and Translational Radiation Oncology</i> , 2019, 14, 25-32.	1.7	7
92	Loss of plant functional groups impacts soil carbon flow by changing multitrophic interactions within soil micro-food webs. <i>Applied Soil Ecology</i> , 2022, 178, 104566.	4.3	6
93	Intraspecies mixture exerted contrasting effects on nontarget arthropods of <i>Bacillus thuringiensis</i> cotton in northern China. <i>Agricultural and Forest Entomology</i> , 2014, 16, 24-32.	1.3	5
94	Preparation of Cyano-Substituted Tetraphenylethylene Derivatives and Their Applications in Solution-Processable OLEDs. <i>Molecules</i> , 2018, 23, 190.	3.8	5
95	Response of Soil Nematode Community to Phosphorous Amendment in a Subalpine Spruce Plantation. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1800202.	1.1	5
96	Crop dominance exerts specific effects on foliage-dwelling arthropods in <i>Bacillus thuringiensis</i> cotton. <i>Agricultural and Forest Entomology</i> , 2015, 17, 225-238.	1.3	3
97	Do shifts in soil Oribatida (Acari, Oribatida) give information on differences in fruit yield of Chinese star anise?. <i>Agriculture, Ecosystems and Environment</i> , 2015, 207, 211-217.	5.3	3
98	Effects of Pest Management Practices on Soil Nematode Abundance, Diversity, Metabolic Footprint and Community Composition Under Paddy Rice Fields. <i>Frontiers in Plant Science</i> , 2020, 11, 88.	3.6	3
99	Prolonged Sinus Pauses upon Termination of Paroxysmal Atrial Fibrillation: Abnormal Right Atrial Electrophysiologic and Electroanatomic Findings. <i>Texas Heart Institute Journal</i> , 2017, 44, 107-114.	0.3	3
100	Prediction of the targets of the main components in blood after oral administration of <i>Xanthii Fructus</i> : a network pharmacology study. <i>RSC Advances</i> , 2018, 8, 8870-8877.	3.6	2
101	Six-membered-ring photocyclization in phenyl-substituted p-phenylenevinylene derivatives: a potential factor of instability in conjugated polymers. <i>Polymer Chemistry</i> , 2016, 7, 3496-3501.	3.9	1
102	Occlusion of the Left Hepatic Vein Facilitates Difficult Cavotricuspid Isthmus Ablation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 1195-1196.	3.2	0