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List of Publications by Year in Descending Order

68 papers	3,876 citations	33 h-index	62 g-index
71 ext. papers	4,853 ext. citations	12 avg, IF	6.46 L-index

#	Paper	IF	Citations
68	Differential Macrophage Responses to Gold Nanostars and Their Implication for Cancer Immunotherapy. *Advanced Therapeutics*, **2022**, 2100198	4.9	1
67	Stereoisomerization during Molecular Packing. *Advanced Materials*, **2021**, 33, e2100986	24	3
66	Recent Advances in Late-Stage Construction of Stapled Peptides via C-H Activation. *ChemBioChem*, **2021**, 22, 2762-2771	3.8	0
65	A dual-rotator fluorescent probe for analyzing the viscosity of mitochondria and blood. *Chemical Communications*, **2021**, 57, 3508-3511	5.8	13
64	Catalyst: Aggregation-Induced Emission—How Far Have We Come, and Where Are We Going Next?. *CheM*, **2020**, 6, 1195-1198	16.2	21
63	Bacterium-Templated Polymer for Self-Selective Ablation of Multidrug-Resistant Bacteria. *Advanced Functional Materials*, **2020**, 30, 2001338	15.6	20
62	Mechanistic Understanding of the Biological Responses to Polymeric Nanoparticles. *ACS Nano*, **2020**, 14, 4509-4522	16.7	23
61	AIEgen-coupled upconversion nanoparticles eradicate solid tumors through dual-mode ROS activation. *Science Advances*, **2020**, 6, eabb2712	14.3	58
60	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. *Angewandte Chemie - International Edition*, **2020**, 59, 632-636	16.4	81
59	Membrane-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics for Combating Multidrug-Resistant Bacteria. *Angewandte Chemie*, **2020**, 132, 642-646	3.6	16
58	Nanostructural Control Enables Optimized Photoacoustic–Fluorescence–Magnetic Resonance Multimodal Imaging and Photothermal Therapy of Brain Tumor. *Advanced Functional Materials*, **2020**, 30, 1907077	15.6	26
57	One-step in vivo metabolic labeling as a theranostic approach for overcoming drug-resistant bacterial infections. *Materials Horizons*, **2020**, 7, 1138-1143	14.4	24
56	Bio-orthogonal click reaction-enabled highly specific in situ cellularization of tissue engineering scaffolds. *Biomaterials*, **2020**, 230, 119615	15.6	8
55	Hydrostatic pressure promotes endothelial tube formation through aquaporin 1 and Ras-ERK signaling. *Communications Biology*, **2020**, 3, 152	6.7	7
54	Photodynamic Therapy: Bacterium-Templated Polymer for Self-Selective Ablation of Multidrug-Resistant Bacteria (Adv. Funct. Mater. 31/2020). *Advanced Functional Materials*, **2020**, 30, 2070206	15.6	1
53	Visualization and In Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. *Angewandte Chemie*, **2020**, 132, 9374-9378	3.6	5
52	Visualization and In Situ Ablation of Intracellular Bacterial Pathogens through Metabolic Labeling. *Angewandte Chemie - International Edition*, **2020**, 59, 9288-9292	16.4	52

51	Bio-orthogonal Click Chemistry for In Vivo Bioimaging. *Trends in Chemistry*, **2019**, 1, 763-778	14.8	44
50	Reactivity-Based Organic Theranostic Bioprobes. *Accounts of Chemical Research*, **2019**, 52, 3051-3063	24.3	46
49	Enhancing the performance of pure organic room-temperature phosphorescent luminophores. *Nature Communications*, **2019**, 10, 2111	17.4	278
48	Theranostic Nanodots with Aggregation-Induced Emission Characteristic for Targeted and Image-Guided Photodynamic Therapy of Hepatocellular Carcinoma. *Theranostics*, **2019**, 9, 1264-1279	12.1	43
47	Late-Stage Direct o-Alkenylation of Phenols by Pd -Catalyzed C-H Functionalization. *Chemistry - A European Journal*, **2019**, 25, 6896-6901	4.8	17
46	An AIEgen-Peptide Conjugate as a Phototheranostic Agent for Phagosome-Entrapped Bacteria. *Angewandte Chemie - International Edition*, **2019**, 58, 16229-16235	16.4	56
45	An AIEgen-Peptide Conjugate as a Phototheranostic Agent for Phagosome-Entrapped Bacteria. *Angewandte Chemie*, **2019**, 131, 16375-16381	3.6	17
44	2-Styrylquinoline-based two-photon AIEgens for dual monitoring of pH and viscosity in living cells. *Journal of Materials Chemistry B*, **2019**, 7, 7771-7775	7.3	23
43	Visualize Embryogenesis and Cell Fate Using Fluorescent Probes with Aggregation-Induced Emission. *ACS Applied Materials & Interfaces*, **2019**, 11, 3737-3744	9.5	9
42	Label-free extraction of extracellular vesicles using centrifugal microfluidics. *Biomicrofluidics*, **2018**, 12, 024103	3.2	27
41	Metal-Organic-Framework-Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy. *Advanced Materials*, **2018**, 30, e1706831	24	172
40	Conjugated Polymers for Gene Delivery **2018**, 215-241		1
39	Conductive Polymer-Based Functional Structures for Neural Therapeutic Applications **2018**, 243-267		3
38	Multicolor monitoring of cellular organelles by single wavelength excitation to visualize the mitophagy process. *Chemical Science*, **2018**, 9, 2756-2761	9.4	78
37	Antibacterial Therapy: Metal Organic-Framework-Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy (Adv. Mater. 18/2018). *Advanced Materials*, **2018**, 30, 1870124	24	3
36	Metal Organic Framework as a Simple and General Inert Nanocarrier for Photosensitizers to Implement Activatable Photodynamic Therapy. *Advanced Functional Materials*, **2018**, 28, 1707519	15.6	86
35	When stem cells meet graphene: Opportunities and challenges in regenerative medicine. *Biomaterials*, **2018**, 155, 236-250	15.6	181
34	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2018**, 57, 10182-10186	16.4	120

33	Recent Advances in Biodegradable Conducting Polymers and Their Biomedical Applications. *Biomacromolecules*, **2018**, 19, 1783-1803	6.9	102
32	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. *Analytical Chemistry*, **2018**, 90, 1154-1160	7.8	33
31	Understanding the hemotoxicity of graphene nanomaterials through their interactions with blood proteins and cells. *Journal of Materials Research*, **2018**, 33, 44-57	2.5	9
30	Simultaneous Increase in Brightness and Singlet Oxygen Generation of an Organic Photosensitizer by Nanocrystallization. *Small*, **2018**, 14, e1803325	11	21
29	Biological Imaging: Recent Advances of Optical Imaging in the Second Near-Infrared Window (Adv. Mater. 47/2018). *Advanced Materials*, **2018**, 30, 1870361	24	6
28	Recent Advances of Optical Imaging in the Second Near-Infrared Window. *Advanced Materials*, **2018**, 30, e1802394	24	307
27	Polymerization-Enhanced Photosensitization. *CheM*, **2018**, 4, 1937-1951	16.2	137
26	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. *Angewandte Chemie*, **2018**, 130, 10339-10343	3.6	41
25	Enhancing the sensing specificity of a MoS nanosheet-based FRET aptasensor using a surface blocking strategy. *Analyst, The*, **2017**, 142, 2570-2577	5	22
24	Nanofiber technology: current status and emerging developments. *Progress in Polymer Science*, **2017**, 70, 1-17	29.6	398
23	Biocompatible conjugated polymer nanoparticles for highly efficient photoacoustic imaging of orthotopic brain tumors in the second near-infrared window. *Materials Horizons*, **2017**, 4, 1151-1156	14.4	98
22	Graphene oxide inhibits malaria parasite invasion and delays parasitic growth in vitro. *Nanoscale*, **2017**, 9, 14065-14073	7.7	11
21	When In Situ Techniques Meet Nickel-Based Electrocatalyst in Hydrogen Evolution Reaction. *CheM*, **2017**, 3, 19-21	16.2	4
20	Nano-bio interactions between carbon nanomaterials and blood plasma proteins: why oxygen functionality matters. *NPG Asia Materials*, **2017**, 9, e422-e422	10.3	24
19	Paper-based MoS nanosheet-mediated FRET aptasensor for rapid malaria diagnosis. *Scientific Reports*, **2017**, 7, 17510	4.9	22
18	Single-Layer Ternary Chalcogenide Nanosheet as a Fluorescence-Based "Capture-Release" Biomolecular Nanosensor. *Small*, **2017**, 13, 1601925	11	24
17	Biocompatibility and Nanotoxicity of Layered Two-Dimensional Nanomaterials. *ChemNanoMat*, **2017**, 3, 5-16	3.5	59
16	Emergence of microfluidic wearable technologies. *Lab on A Chip*, **2016**, 16, 4082-4090	7.2	62

15	Emerging flexible and wearable physical sensing platforms for healthcare and biomedical applications. *Microsystems and Nanoengineering*, **2016**, 2, 16043	7.7	280
14	Highly Flexible Graphene Oxide Nanosuspension Liquid-Based Microfluidic Tactile Sensor. *Small*, **2016**, 12, 1593-604	11	67
13	Microfluidics for research and applications in oncology. *Analyst, The*, **2016**, 141, 504-24	5	46
12	Selective Accelerated Proliferation of Malignant Breast Cancer Cells on Planar Graphene Oxide Films. *ACS Nano*, **2016**, 10, 3424-34	16.7	45
11	Triple-State Liquid-Based Microfluidic Tactile Sensor with High Flexibility, Durability, and Sensitivity. *ACS Sensors*, **2016**, 1, 543-551	9.2	74
10	Molecular interactions of graphene oxide with human blood plasma proteins. *Nanoscale*, **2016**, 8, 9425-44	7.7	52
9	Selective concentration-dependent manipulation of intrinsic fluorescence of plasma proteins by graphene oxide nanosheets. *RSC Advances*, **2016**, 6, 46558-46566	3.7	14
8	Highly Sensitive and Selective Aptamer-Based Fluorescence Detection of a Malarial Biomarker Using Single-Layer MoS2 Nanosheets. *ACS Sensors*, **2016**, 1, 1315-1321	9.2	52
7	Viscoelastic Effects of Silicone Gels at the Micro- and Nanoscale. *Procedia IUTAM*, **2015**, 12, 20-30		8
6	Cell-assembled graphene biocomposite for enhanced chondrogenic differentiation. *Small*, **2015**, 11, 963-9	11	94
5	Highly sensitive reduced graphene oxide microelectrode array sensor. *Biosensors and Bioelectronics*, **2015**, 65, 265-73	11.8	50
4	Large-Area, Periodic, Hexagonal Wrinkles on Nanocrystalline Graphitic Film. *Advanced Functional Materials*, **2015**, 25, 5492-5503	15.6	13
3	Molecular Hemocompatibility of Graphene Oxide and Its Implication for Antithrombotic Applications. *Small*, **2015**, 11, 5105-17	11	33
2	Synthesis, optical properties, and chemical–biological sensing applications of one-dimensional inorganic semiconductor nanowires. *Progress in Materials Science*, **2013**, 58, 705-748	42.2	60
1	AlN nanowires: synthesis, physical properties, and nanoelectronics applications. *Journal of Materials Science*, **2012**, 47, 5341-5360	4.3	45