Miae Won

List of Publications by Year
in descending order

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Version: 2024-02-01

52 papers	2,296 citations	257101 24 h-index	214527 47 g-index
52 all docs	52 docs citations	52 times ranked	3182 citing authors

#	Article	IF	Citations
1	Omnipotent phosphorene: a next-generation, two-dimensional nanoplatform for multidisciplinary biomedical applications. Chemical Society Reviews, 2018, 47, 5588-5601.	18.7	352
2	In Vivo Imaging of Endogenously Produced HClO in Zebrafish and Mice Using a Bright, Photostable Ratiometric Fluorescent Probe. Analytical Chemistry, 2019, 91, 4172-4178.	3.2	248
3	Metal-based anticancer agents as immunogenic cell death inducers: the past, present, and future. Chemical Society Reviews, 2022, 51, 1212-1233.	18.7	107
4	FOXL2 Interacts with Steroidogenic Factor-1 (SF-1) and Represses SF-1-Induced CYP17 Transcription in Granulosa Cells. Molecular Endocrinology, 2010, 24, 1024-1036.	3.7	104
5	Chemiluminescent Probe for the Inâ€...Vitro and Inâ€...Vivo Imaging of Cancers Overâ€Expressing NQO1. Angewandte Chemie - International Edition, 2019, 58, 1739-1743.	7.2	104
6	Cancer stem cell-targeted bio-imaging and chemotherapeutic perspective. Chemical Society Reviews, 2020, 49, 7856-7878.	18.7	104
7	Emerging 2D material-based nanocarrier for cancer therapy beyond graphene. Coordination Chemistry Reviews, 2019, 400, 213041.	9.5	103
8	Fluorescent Diagnostic Probes in Neurodegenerative Diseases. Advanced Materials, 2020, 32, e2001945.	11.1	95
9	Overcoming Drug Resistance by Targeting Cancer Bioenergetics with an Activatable Prodrug. CheM, 2018, 4, 2370-2383.	5.8	85
10	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. Journal of the American Chemical Society, 2019, 141, 15611-15618.	6.6	76
11	An Ethacrynic Acidâ€Brominated BODIPY Photosensitizer (EAâ€BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumorâ€Targeted Photodynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 3196-3204.	7.2	68
12	Azo-based small molecular hypoxia responsive theranostic for tumor-specific imaging and therapy. Journal of Controlled Release, 2018, 288, 14-22.	4.8	60
13	A Small Molecule Strategy for Targeting Cancer Stem Cells in Hypoxic Microenvironments and Preventing Tumorigenesis. Journal of the American Chemical Society, 2021, 143, 14115-14124.	6.6	51
14	A BODIPY-based two-photon fluorescent probe validates tyrosinase activity in live cells. Chemical Communications, 2017, 53, 11213-11216.	2.2	49
15	Gold nanoparticleâ€“DNA aptamer composites as a universal carrier for in vivo delivery of biologically functional proteins. Journal of Controlled Release, 2014, 196, 287-294.	4.8	48
16	MDM2â€Associated Clusterizationâ€Triggered Emission and Apoptosis Induction Effectuated by a Theranostic Spiropolymer. Angewandte Chemie - International Edition, 2020, 59, 8435-8439.	7.2	42
17	Inhibition of Xenograft Tumor Growth by Gold Nanoparticle-DNA Oligonucleotide Conjugates-Assisted Delivery of BAX mRNA. PLoS ONE, 2013, 8, e75369.	1.1	40
18	NM23-H2 involves in negative regulation of Diva and Bcl2L10 in apoptosis signaling. Biochemical and Biophysical Research Communications, 2007, 359, 76-82.	1.0	35

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19	The Apolipoprotein A-I Level Is Downregulated in the Granulosa Cells of Patients with Polycystic Ovary Syndrome and Affects Steroidogenesis. Journal of Proteome Research, 2010, 9, 4329-4336.	1.8	30
20	A coumarin-naphthalimide hybrid as a dual emissive fluorescent probe for hNQO1. Dyes and Pigments, 2019, 164, 341-345.	2.0	30
21	Chemiluminescent Probe for the Inâ€...Vitro and Inâ€...Vivo Imaging of Cancers Overâ€Expressing NQO1. Angewandte Chemie, 2019, 131, 1753-1757.	1.6	30
22	Mitochondrial Relocation of a Common Synthetic Antibiotic: A Non-genotoxic Approach to Cancer Therapy. CheM, 2020, 6, 1408-1419.	5.8	28
23	COX-2 targeting indomethacin conjugated fluorescent probe. Dyes and Pigments, 2018, 150, 261-266.	2.0	27
24	FOXL2 Is an Essential Activator of SF-1-Induced Transcriptional Regulation of Anti-MÃ¼llerian Hormone in Human Granulosa Cells. PLoS ONE, 2016, 11, e0159112.	1.1	26
25	Monoamine oxidase-A targeting probe for prostate cancer imaging and inhibition of metastasis. Chemical Communications, 2019, 55, 13267-13270.	2.2	25
26	Harnessing Î±-<scp>l</scp>-fucosidase for in vivo cellular senescence imaging. Chemical Science, 2021, 12, 10054-10062.	3.7	25
27	Mitochondrial H2Sn-Mediated Anti-Inflammatory Theranostics. Nano-Micro Letters, 2021, 13, 168.	14.4	25
28	A highly sensitive and fast responsive fluorescent probe for detection of Gold(III) ions based on the AIEgen disaggregation. Dyes and Pigments, 2019, 160, 647-653.	2.0	23
29	A two-photon fluorescent probe records the intracellular pH through â€˜ORâ€™ logic operation via internal calibration. Sensors and Actuators B: Chemical, 2018, 268, 195-204.	4.0	22
30	Ratiometric fluorescent probe for monitoring tyrosinase activity in melanosomes of melanoma cancer cells. Sensors and Actuators B: Chemical, 2020, 319, 128306.	4.0	21
31	Discovery of an Ultraâ€rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. Angewandte Chemie - International Edition, 2022, 61, .	7.2	19
32	Novel Cyanostilbene-Based Fluorescent Chemoprobe for Hydroxyl Radicals and Its Two-Photon Bioimaging in Living Cells. ACS Applied Bio Materials, 2019, 2, 936-942.	2.3	17
33	IEX-1-induced cell death requires BIM and is modulated by MCL-1. Biochemical and Biophysical Research Communications, 2009, 382, 400-404.	1.0	16
34	Binary Drug Reinforced First Small-Molecule-Based Prodrug for Synergistic Anticancer Effects. ACS Applied Bio Materials, 2019, 2, 3532-3539.	2.3	15
35	Nanoliposomal Ratiometric Fluorescent Probe toward ONOO^{â€“} Flux. ACS Applied Bio Materials, 2021, 4, 2080-2088.	2.3	15
36	Visible to mid IR: A library of multispectral diagnostic imaging. Coordination Chemistry Reviews, 2021, 426, 213608.	9.5	14

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37	Dualâ€Targeted Nanoreactors and Prodrugs: Hydrogen Peroxide Triggers Oxidative Damage and Prodrug Activation for Synergistic Elimination of Cancer Cells. Advanced Functional Materials, 2022, 32, .	7.8	14
38	Identification of Amino Acid Residues in the Catalytic Domain of RNase E Essential for Survival of Escherichia coli: Functional Analysis of DNase I Subdomain. Genetics, 2008, 179, 1871-1879.	1.2	13
39	EGR2 is a gonadotropin-induced survival factor that controls the expression of IER3 in ovarian granulosa cells. Biochemical and Biophysical Research Communications, 2017, 482, 877-882.	1.0	11
40	A dicyanocoumarin-fused quinolinium based probe for NAD(P)H and its use for detecting glycolysis and hypoxia in living cells and tumor spheroids. Sensors and Actuators B: Chemical, 2020, 320, 128360.	4.0	11
41	Navigating 2D Monoelemental Materials (Xenes) for Cancer Nanomedicine. Matter, 2020, 3, 12-13.	5.0	10
42	Increased expression of the testicular estrogen receptor alpha in adult mice exposed to low doses of methiocarb. Journal of Applied Toxicology, 2009, 29, 446-451.	1.4	8
43	Molecular Theranostic Agent with Programmed Activation for Hypoxic Tumors. ACS Applied Bio Materials, 2019, 2, 4648-4655.	2.3	8
44	BAX is an essential key mediator of AP5M1-induced apoptosis in cervical carcinoma cells. Biochemical and Biophysical Research Communications, 2019, 518, 368-373.	1.0	7
45	A Fluorescent Cy7-Mercaptopyridine for the Selective Detection of Glutathione over Homocysteine and Cysteine. Sensors, 2018, 18, 2897.	2.1	6
46	MDM2â€Associated Clusterizationâ€Triggered Emission and Apoptosis Induction Effectuated by a Theranostic Spiropolymer. Angewandte Chemie, 2020, 132, 8513-8517.	1.6	6
47	An Ethacrynic Acidâ€Brominated BODIPY Photosensitizer (EAâ€BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumorâ€Targeted Photodynamic Therapy. Angewandte Chemie, 2021, 133, 3233-3241.	1.6	6
48	ROS activated prodrug for ALDH overexpressed cancer stem cells. Chemical Communications, 2021, 58, 72-75.	2.2	6
49	Ultrasound activatable antiangiogenic sonosensitizer for VEGFR associated glioblastoma tumor models. Aggregate, 2021, 2, e97.	5.2	5
50	Fluorescent Diagnostic Probes: Fluorescent Diagnostic Probes in Neurodegenerative Diseases (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	11.1	4
51	Discovery of an Ultraâ€rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. Angewandte Chemie, 0, , .	1.6	2
52	Frontispiece: Ultrasound activatable antiangiogenic sonosensitizer for VEGFR associated glioblastoma tumor models. Aggregate, 2021, 2, e117.	5.2	0