

Hyung-Ho Ha

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,969
citations

257450

24
h-index

254184

43
g-index

57
all docs

57
docs citations

57
times ranked

3196
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria are physiologically maintained at close to 50 Å°C. PLoS Biology, 2018, 16, e2003992.	5.6	295
2	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. Chemical Communications, 2015, 51, 8044-8047.	4.1	159
3	Diversity Oriented Fluorescence Library Approach (DOFLA) for Live Cell Imaging Probe Development. Accounts of Chemical Research, 2014, 47, 1277-1286.	15.6	113
4	Diversity-driven chemical probe development for biomolecules: beyond hypothesis-driven approach. Chemical Society Reviews, 2011, 40, 3613.	38.1	94
5	Development of background-free tame fluorescent probes for intracellular live cell imaging. Nature Communications, 2016, 7, 11964.	12.8	92
6	A Unique Small Molecule Inhibitor of Enolase Clarifies Its Role in Fundamental Biological Processes. ACS Chemical Biology, 2013, 8, 1271-1282.	3.4	81
7	A Fluorescent Rosamine Compound Selectively Stains Pluripotent Stem Cells. Angewandte Chemie - International Edition, 2010, 49, 7497-7500.	13.8	72
8	Novel use of fluorescent glucose analogues to identify a new class of triazine-based insulin mimetics possessing useful secondary effects. Molecular BioSystems, 2011, 7, 346-358.	2.9	65
9	Control of Muscle Differentiation by a Mitochondria-Targeted Fluorophore. Journal of the American Chemical Society, 2010, 132, 576-579.	13.7	59
10	A Chemical Screen Identifies Novel Compounds That Overcome Glial-Mediated Inhibition of Neuronal Regeneration. Journal of Neuroscience, 2010, 30, 4693-4706.	3.6	55
11	Mechanistic elements and critical factors of cellular reprogramming revealed by stepwise global gene expression analyses. Stem Cell Research, 2014, 12, 730-741.	0.7	50
12	Embryonic and induced pluripotent stem cell staining and sorting with the live-cell fluorescence imaging probe CDy1. Nature Protocols, 2011, 6, 1044-1052.	12.0	49
13	The Binding of Fluorophores to Proteins Depends on the Cellular Environment. Angewandte Chemie - International Edition, 2011, 50, 2761-2763.	13.8	46
14	ENOblock, a unique small molecule inhibitor of the non-glycolytic functions of enolase, alleviates the symptoms of type 2 diabetes. Scientific Reports, 2017, 7, 44186.	3.3	42
15	Inhibitory Activity of (+)-Usnic Acid against Non-Small Cell Lung Cancer Cell Motility. PLoS ONE, 2016, 11, e0146575.	2.5	38
16	Solid phase combinatorial synthesis of a xanthone library using click chemistry and its application to an embryonic stem cell probe. Chemical Communications, 2011, 47, 7488.	4.1	37
17	Visualization and Isolation of Langerhans Islets by a Fluorescent Probe PiY. Angewandte Chemie - International Edition, 2013, 52, 8557-8560.	13.8	36
18	A Near-Infrared Probe Tracks and Treats Lung Tumor Initiating Cells by Targeting HMOX2. Journal of the American Chemical Society, 2019, 141, 14673-14686.	13.7	35

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19	Fabrication of Gd-La codoped TiO ₂ composite via a liquid phase plasma method and its application as visible-light photocatalysts. <i>Applied Surface Science</i> , 2019, 471, 893-899.	6.1	33
20	Linking a Gene Cluster to Atranorin, a Major Cortical Substance of Lichens, through Genetic Dereplication and Heterologous Expression. <i>MBio</i> , 2021, 12, e0111121.	4.1	33
21	Chemical Targeting of GAPDH Moonlighting Function in Cancer Cells Reveals Its Role in Tubulin Regulation. <i>Chemistry and Biology</i> , 2014, 21, 1533-1545.	6.0	30
22	Inhibition of tau aggregation by a rosamine derivative that blocks tau intermolecular disulfide cross-linking. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2014, 21, 185-190.	3.0	30
23	Differences in the molecular signatures of mucosal-associated invariant T cells and conventional T cells. <i>Scientific Reports</i> , 2019, 9, 7094.	3.3	30
24	Physciosporin suppresses the proliferation, motility and tumourigenesis of colorectal cancer cells. <i>Phytomedicine</i> , 2019, 56, 10-20.	5.3	28
25	Solid phase synthesis of ultra-photostable cyanine NIR dye library. <i>RSC Advances</i> , 2011, 1, 573.	3.6	27
26	Lichen Secondary Metabolite, Physciosporin, Inhibits Lung Cancer Cell Motility. <i>PLoS ONE</i> , 2015, 10, e0137889.	2.5	25
27	Potassium usnate, a water-soluble usnic acid salt, shows enhanced bioavailability and inhibits invasion and metastasis in colorectal cancer. <i>Scientific Reports</i> , 2018, 8, 16234.	3.3	25
28	Diversity-Oriented Approach for Chemical Biology. <i>Chemical Record</i> , 2015, 15, 495-510.	5.8	24
29	A Triazine Compound S06 Inhibits Proinvasive Crosstalk between Carcinoma Cells and Stromal Fibroblasts via Binding to Heat Shock Protein 90. <i>Chemistry and Biology</i> , 2011, 18, 1581-1590.	6.0	19
30	A fluorescent screening platform for the rapid evaluation of chemicals in cellular reprogramming. <i>Stem Cell Research</i> , 2012, 9, 185-191.	0.7	18
31	Tumidulin, a Lichen Secondary Metabolite, Decreases the Stemness Potential of Colorectal Cancer Cells. <i>Molecules</i> , 2018, 23, 2968.	3.8	18
32	Antimicrobial Activity of Divaricatic Acid Isolated from the Lichen <i>Evernia mesomorpha</i> against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2018, 23, 3068.	3.8	18
33	Discovery of novel zebrafish neural tracers by organism-based screening of a rosamine library. <i>Chemical Communications</i> , 2010, 46, 2932.	4.1	17
34	A fluorescent probe for imaging symmetric and asymmetric cell division in neurosphere formation. <i>Chemical Communications</i> , 2014, 50, 7492-7494.	4.1	16
35	Combinatorial Solid-Phase Synthesis of 4,6-Diaryl and 4-Aryl, 6-Alkyl-1,3,5-triazines and Their Application to Efficient Biofuel Production. <i>ACS Combinatorial Science</i> , 2012, 14, 395-398.	3.8	15
36	The photocatalytic destruction of cimetidine using microwave-assisted TiO ₂ photocatalysts hybrid system. <i>Journal of Hazardous Materials</i> , 2020, 391, 122568.	12.4	15

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37	Novel heterocycle-substituted pyrimidines as inhibitors of NF- κ B transcription regulation related to TNF- α cytokine release. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 653-656.	2.2	14
38	Degradation behaviors of naproxen by a hybrid TiO ₂ photocatalyst system with process components. <i>Science of the Total Environment</i> , 2020, 708, 135216.	8.0	14
39	A Fluorescent Rosamine Compound Selectively Stains Pluripotent Stem Cells. <i>Angewandte Chemie</i> , 2010, 122, 7659-7662.	2.0	13
40	Phyciosporin suppresses mitochondrial respiration, aerobic glycolysis, and tumorigenesis in breast cancer. <i>Phytomedicine</i> , 2021, 91, 153674.	5.3	13
41	Novel Orthogonal Synthesis of a Tagged Combinatorial Triazine Library via Grignard Reaction. <i>Australian Journal of Chemistry</i> , 2009, 62, 1000.	0.9	12
42	Glycoprotein 90K Promotes E-Cadherin Degradation in a Cell Density-Dependent Manner via Dissociation of E-Cadherin- β 120-Catenin Complex. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2601.	4.1	10
43	A new KSRP-binding compound suppresses distant metastasis of colorectal cancer by targeting the oncogenic KITENIN complex. <i>Molecular Cancer</i> , 2021, 20, 78.	19.2	10
44	Fabrication of Yb-doped TiO ₂ using liquid phase plasma process and its photocatalytic degradation activity of naproxen. <i>Journal of Materials Science</i> , 2020, 55, 9665-9675.	3.7	8
45	Combinatorial Solid-Phase Synthesis of 6-Aryl-1,3,5-triazines via Suzuki Coupling. <i>Australian Journal of Chemistry</i> , 2011, 64, 540.	0.9	6
46	Assessing the photocatalytic activity of europium doped TiO ₂ using liquid phase plasma process on acetylsalicylic acid. <i>Catalysis Today</i> , 2020, , .	4.4	5
47	Transcriptome analysis upon potassium usnate exposure reveals ATF3-induced apoptosis in human gastric and colon cancer cells. <i>Phytomedicine</i> , 2021, 91, 153655.	5.3	4
48	Assessment of Degradation Behavior for Acetylsalicylic Acid Using a Plasma in Liquid Process. <i>Catalysts</i> , 2019, 9, 965.	3.5	3
49	Target identification of mouse stem cell probe CDy1 as ALDH2 and Abcb1b through live-cell affinity-matrix and ABC CRISPRa library. <i>RSC Chemical Biology</i> , 2021, 2, 1590-1593.	4.1	3
50	New strategy for suppressing the growth of lung cancer cells harboring mutations in the ATP-binding region of EGFR by targeting the molecular motor MYO1D. <i>Clinical and Translational Medicine</i> , 2021, 11, e515.	4.0	3
51	Cover Picture: The Binding of Fluorophores to Proteins Depends on the Cellular Environment (<i>Angew. Chem. Int. Ed.</i> 12/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2649-2649.	13.8	1
52	A heptamethine cyanine dye serves as a potential marker for myeloid-derived suppressor cells. <i>American Journal of Cancer Research</i> , 2021, 11, 2853-2866.	1.4	0