Youngjae You

List of Publications by Year in descending order

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90	3,657	136885	133188
papers	citations	32 h-index	59 g-index

93	93	93	4427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Boron dipyrromethene (BODIPY)-based photosensitizers for photodynamic therapy. RSC Advances, 2012, 2, 11169.	1.7	545
2	Singlet Oxygen Generation by Novel NIR BODIPY Dyes. Organic Letters, 2011, 13, 3884-3887.	2.4	221
3	Podophyllotoxin Derivatives: Current Synthetic Approaches for New Anticancer Agents. Current Pharmaceutical Design, 2005, 11, 1695-1717.	0.9	198
4	Far-Red Light-Activatable Prodrug of Paclitaxel for the Combined Effects of Photodynamic Therapy and Site-Specific Paclitaxel Chemotherapy. Journal of Medicinal Chemistry, 2016, 59, 3204-3214.	2.9	103
5	Antiangiogenic activity of lupeol from Bombax ceiba. Phytotherapy Research, 2003, 17, 341-344.	2.8	99
6	Mechanistic Studies of the Tellurium(II)/Tellurium(IV) Redox Cycle in Thiol Peroxidase-like Reactions of Diorganotellurides in Methanol. Journal of the American Chemical Society, 2003, 125, 4918-4927.	6.6	99
7	Core-modified porphyrins. Part 4: Steric effects on photophysical and biological properties in vitro. Bioorganic and Medicinal Chemistry, 2005, 13, 2235-2251.	1.4	88
8	Click and photo-unclick chemistry of aminoacrylate for visible light-triggered drug release. Chemical Communications, 2012, 48, 6517.	2.2	86
9	Water Soluble, Core-Modified Porphyrins. 3. Synthesis, Photophysical Properties, and in Vitro Studies of Photosensitization, Uptake, and Localization with Carboxylic Acid-Substituted Derivatives. Journal of Medicinal Chemistry, 2003, 46, 3734-3747.	2.9	85
10	Synthesis and Cytotoxicity of 3,4-Diaryl-2(5H)-furanones. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 719-722.	1.0	84
11	Site-Specific and Far-Red-Light-Activatable Prodrug of Combretastatin A-4 Using Photo-Unclick Chemistry. Journal of Medicinal Chemistry, 2013, 56, 3936-3942.	2.9	82
12	Deoxypodophyllotoxin; The Cytotoxic and Antiangiogenic Component from Pulsatilla koreana. Planta Medica, 2002, 68, 271-274.	0.7	80
13	Dual Functioning Thienoâ€Pyrrole Fused BODIPY Dyes for NIR Optical Imaging and Photodynamic Therapy: Singlet Oxygen Generation without Heavy Halogen Atom Assistance. Chemistry - an Asian Journal, 2015, 10, 1335-1343.	1.7	80
14	Visible Light Controlled Release of Anticancer Drug through Double Activation of Prodrug. ACS Medicinal Chemistry Letters, 2013, 4, 124-127.	1.3	79
15	Cytotoxic 2â€²,5â€²-dihydroxychalcones with unexpected antiangiogenic activity. European Journal of Medicinal Chemistry, 2003, 38, 179-187.	2.6	75
16	Far-Red Light Activatable, Multifunctional Prodrug for Fluorescence Optical Imaging and Combinational Treatment. Journal of Medicinal Chemistry, 2014, 57, 3401-3409.	2.9	73
17	Combretoxazolones: synthesis, cytotoxicity and antitumor activity. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 3073-3076.	1.0	66
18	Folate Receptor-Mediated Enhanced and Specific Delivery of Far-Red Light-Activatable Prodrugs of Combretastatin A-4 to FR-Positive Tumor. Bioconjugate Chemistry, 2014, 25, 2175-2188.	1.8	65

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19	Synthesis and cytotoxic activity of a-ring modified betulinic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3137-3140.	1.0	62
20	Low energy light-triggered oxidative cleavage of olefins. Tetrahedron Letters, 2009, 50, 1041-1044.	0.7	61
21	Thieno-Pyrrole-Fused 4,4-Difluoro-4-bora-3a,4a-diaza-s-indaceneâ€“Fullerene Dyads: Utilization of Near-Infrared Sensitizers for Ultrafast Charge Separation in Donorâ€“Acceptor Systems. Journal of the American Chemical Society, 2014, 136, 7571-7574.	6.6	60
22	Synthesis and in vitro biological evaluation of lipophilic cation conjugated photosensitizers for targeting mitochondria. Bioorganic and Medicinal Chemistry, 2013, 21, 379-387.	1.4	57
23	Synthesis and anti-tumor activity of novel combretastatins: combretocyclopentenones and related analogues. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1955-1958.	1.0	54
24	Core-modified porphyrins. Part 5: Electronic effects on photophysical and biological properties in vitro. Bioorganic and Medicinal Chemistry, 2005, 13, 5968-5980.	1.4	49
25	2-Cyano-lup-1-en-3-oxo-20-oic acid, a cyano derivative of betulinic acid, activates peroxisome proliferator-activated receptor Â in colon and pancreatic cancer cells. Carcinogenesis, 2007, 28, 2337-2346.	1.3	49
26	Naphthazarin Derivatives (VI): Synthesis, Inhibitory Effect on DNA Topoisomerase-I and Antiproliferative Activity of 2- or 6-(1-Oxyiminoalkyl)-5,8-dimethoxy-1,4-naphthoquinones. Archiv Der Pharmazie, 2000, 333, 87-92.	2.1	47
27	Evaluation of delocalized lipophilic cationic dyes as delivery vehicles for photosensitizers to mitochondria. Bioorganic and Medicinal Chemistry, 2009, 17, 6631-6640.	1.4	47
28	Thienoâ€“Pyrroleâ€Fused BODIPY Intermediate as a Platform to Multifunctional NIR Agents. Chemistry - an Asian Journal, 2013, 8, 3123-3132.	1.7	46
29	Naphthazarin derivatives (IV): synthesis, inhibition of DNA topoisomerase I and cytotoxicity of 2- or 6-acyl-5,8-dimethoxy-1,4-naphthoquinones. European Journal of Medicinal Chemistry, 2000, 35, 291-298.	2.6	45
30	21-Telluraporphyrins. 2. Catalysts for Bromination Reactions with Hydrogen Peroxide and Sodium Bromide. Organometallics, 2002, 21, 4546-4551.	1.1	45
31	New pyran dyes for dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 224, 116-122.	2.0	45
32	Folate-PEG Conjugates of a Far-Red Light-Activatable Paclitaxel Prodrug to Improve Selectivity toward Folate Receptor-Positive Cancer Cells. ACS Omega, 2017, 2, 6349-6360.	1.6	41
33	Syntheses of Certain 3-Aryl-2-propenoates and Evaluation of their Cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1173-1176.	1.0	32
34	Preliminary Structureâ€“Antiangiogenic Activity Relationships of 4-Senecioyloxymethyl-6,7-dimethoxycoumarin. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2345-2348.	1.0	32
35	Stimulation of P-Glycoprotein ATPase by Analogues of Tetramethylrosamine:Â Coupling of Drug Binding at the â€œRâ€•Site to the ATP Hydrolysis Transition Stateâ€. Biochemistry, 2006, 45, 8034-8047.	1.2	30
36	Naphthazarin derivatives: Synthesis, cytotoxic mechanism and evaluation of antitumor activity. Archives of Pharmacal Research, 1998, 21, 595-598.	2.7	29

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37	Alkyl and carboxylalkyl esters of 4â€²-demethyl-4-deoxypodophyllotoxin: synthesis, cytotoxic, and antitumor activity. European Journal of Medicinal Chemistry, 2004, 39, 189-193.	2.6	29
38	Anticancer drug released from near IR-activated prodrug overcomes spatiotemporal limits of singlet oxygen. Bioorganic and Medicinal Chemistry, 2016, 24, 1540-1549.	1.4	29
39	Naphthazarin derivatives (II)1: Formation of glutathione conjugate, inhibition of DNA topoisomerase-I and cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 2407-2412.	1.0	28
40	Prodrugs of 4â€²-demethyl-4-deoxypodophyllotoxin: synthesis and evaluation of the antitumor activity. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 3435-3438.	1.0	28
41	Dithiaporphyrin Derivatives as Photosensitizers in Membranes and Cells. Journal of Physical Chemistry B, 2008, 112, 3268-3276.	1.2	28
42	Core-modified porphyrins. Part 6: Effects of lipophilicity and core structures on physicochemical and biological properties in vitro. Bioorganic and Medicinal Chemistry, 2008, 16, 3171-3183.	1.4	27
43	Antitumor activity of unsaturated fatty acid esters of 4â€²-demethyldeoxypodophyllotoxin. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 2629-2632.	1.0	26
44	Water soluble prodrugs of the antitumor agent 3-[(3-amino-4-methoxy)phenyl]-2-(3,4,5-trimethoxyphenyl)cyclopent-2-ene-1-one. Bioorganic and Medicinal Chemistry, 2003, 11, 1021-1029.	1.4	26
45	Structural effects of core-modified porphyrins in dye-sensitized solar cells. Journal of Porphyrins and Phthalocyanines, 2009, 13, 903-909.	0.4	26
46	Structureâ€“activity studies of uptake and phototoxicity with heavy-chalcogen analogues of tetramethylrosamine in vitro in chemosensitive and multidrug-resistant cells. Bioorganic and Medicinal Chemistry, 2005, 13, 6394-6403.	1.4	24
47	(E)-6-(1-alkyloxyiminoalkyl)-5,8-dimethoxy-1,4-naphthoquinones: synthesis, cytotoxic activity and antitumor activity. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2301-2303.	1.0	22
48	Dendrimeric Organotelluride Catalysts for the Activation of Hydrogen Peroxide. Improved Catalytic Activity through Statistical and Stereoelectronic Effects. Organometallics, 2003, 22, 2883-2890.	1.1	21
49	Efficient activation of a visible light-activatable CA4 prodrug through intermolecular photo-unclick chemistry in mitochondria. Chemical Communications, 2017, 53, 1884-1887.	2.2	21
50	Emerging Strategies for Controlling Drug Release by Using Visible/Near IR Light. , 2013, 03, .		16
51	Synthesis and cytotoxicity of 2,5-dihydroxychalcones and related compounds. Archives of Pharmacal Research, 2004, 27, 581-588.	2.7	15
52	New constituents fromCrinum latifoliumwith inhibitory effects against tube-like formation of human umbilical venous endothelial cells. Natural Product Research, 2004, 18, 485-491.	1.0	14
53	Synthesis and Singlet Oxygen Reactivity of 1,2â€Diaryloxyethenes and Selected Sulfur and Nitrogen Analogs. Photochemistry and Photobiology, 2012, 88, 753-759.	1.3	14
54	Development of Prodrugs for PDT-Based Combination Therapy Using a Singlet-Oxygen-Sensitive Linker and Quantitative Systems Pharmacology. Journal of Clinical Medicine, 2019, 8, 2198.	1.0	14

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55	Singlet oxygen-activatable Paclitaxel prodrugs via intermolecular activation for combined PDT and chemotherapy. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1537-1540.	1.0	13
56	Esters of 2-(1-hydroxyalkyl)-1,4-dihydroxy-9,10-anthraquinones with melphalan as multifunctional anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1473-1476.	1.0	12
57	Asymmetric ZnPcâ€“rhodamine B conjugates for mitochondrial targeted photodynamic therapy. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4496-4500.	1.0	12
58	PBPK modeling-based optimization of site-specific chemo-photodynamic therapy with far-red light-activatable paclitaxel prodrug. Journal of Controlled Release, 2019, 308, 86-97.	4.8	12
59	6-(1-Alkenoyloxyalkyl)-5,8-dimethoxy-1,4-naphthoquinone derivatives: Synthesis and evaluation of antitumor activity. Archives of Pharmacal Research, 1998, 21, 738-743.	2.7	11
60	Identification of novel drugs to target dormant micrometastases. BMC Cancer, 2015, 15, 404.	1.1	11
61	Photodynamic therapy via FRET following bioorthogonal click reaction in cancer cells. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 145-148.	1.0	11
62	Esters of chlorambucil with 2-substituted 1,4-dihydroxy-9,10-anthraquinones as multifunctional anticancer agents. European Journal of Medicinal Chemistry, 2001, 36, 361-366.	2.6	10
63	Synthesis, cytotoxicity and antitumor activity of 2,3-Diarylcy-clopent-2-ene-1-ones. Archives of Pharmacal Research, 2002, 25, 600-607.	2.7	10
64	Inhibitory effect ofAdonis amurensis components on tube-like formation of human umbilical venous cells. Phytotherapy Research, 2003, 17, 568-570.	2.8	10
65	Phototoxicity of a core-modified porphyrin and induction of apoptosis. Journal of Photochemistry and Photobiology B: Biology, 2006, 85, 155-162.	1.7	10
66	Enhanced Singlet Oxygen Generation from a Porphyrinâ€“Rhodamine B Dyad by Twoâ€Photon Excitation through Resonance Energy Transfer. Photochemistry and Photobiology, 2013, 89, 841-848.	1.3	10
67	Naphthazarin derivatives (VIII): Synthesis, inhibitory effect on DNA topoisomerase-I, and antiproliferative activity of 6-(1-acyloxyalkyl)-5,8-dimethoxy-1,4-naphthoquinones. Archiv Der Pharmazie, 2001, 334, 318-322.	2.1	9
68	Antiangiogenic activity ofBupleurum longiradiatum on human umbilical venous endothelial cells. Archives of Pharmacal Research, 2002, 25, 640-642.	2.7	9
69	Quantitative modeling of the dynamics and intracellular trafficking of far-red light-activatable prodrugs: implications in stimuli-responsive drug delivery system. Journal of Pharmacokinetics and Pharmacodynamics, 2017, 44, 521-536.	0.8	9
70	Naphthazarin derivatives (VII): Antitumor action against ICR mice bearing ascitic S-180 cells. Archives of Pharmacal Research, 2001, 24, 35-38.	2.7	7
71	Synthesis and cytotoxicity of some rigid derivatives of methyl 2,5-Dihydroxycinnamate. Archives of Pharmacal Research, 2002, 25, 590-599.	2.7	7
72	Crystal structures of glutathione- and inhibitor-bound humanÂGGT1: critical interactions within the cysteinylglycine binding site. Journal of Biological Chemistry, 2021, 296, 100066.	1.6	7

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73	Density functional theory as a guide for the design of pyran dyes for dye-sensitized solar cells. Monatshefte FÃ¼r Chemie, 2011, 142, 45-52.	0.9	6
74	Synthesis, spectral data, and crystal structure of two novel substitution patterns in dithiaporphyrins. Journal of Porphyrins and Phthalocyanines, 2007, 11, 1-8.	0.4	5
75	Glutathione conjugates of 2- or 6-substituted 5,8-dimethoxy-1,4-naphthoquinone derivatives: Formation and structure. Archives of Pharmacal Research, 1999, 22, 384-390.	2.7	3
76	In Vitro and In Vivo Photodynamic Activity of Coreâ€modified Porphyrin IY69 Using 690â€ƒnm Diode Laser. Photochemistry and Photobiology, 2011, 87, 1468-1473.	1.3	3
77	Asymmetric ZnPcâ€“TEG photosensitizers: the effect of Pc substitution on phototoxicity. Tetrahedron Letters, 2015, 56, 6236-6239.	0.7	3
78	Singlet Oxygen Activatable Prodrugs of Paclitaxel, SNâ€38, MMC and CA4: Nonmitochondriaâ€Targeted Prodrugs^{â€}. Photochemistry and Photobiology, 2022, 98, 389-399.	1.3	3
79	2,3-Dibenzylbutyrolactones and 1,2,3,4-tetrahydro-2-naphthoic acid Î³nes: structure and activity relationship in cytotoxic activity. Archives of Pharmacal Research, 2002, 25, 240-249.	2.7	2
80	Local and Systemic Antitumor Effects of Photoâ€activatable Paclitaxel Prodrug on Rat Breast Tumor Models. Photochemistry and Photobiology, 2020, 96, 668-679.	1.3	2
81	Polymer photovoltaics from all-water-solution processing. Conference Record of the IEEE Photovoltaic Specialists Conference, 2008, , .	0.0	1
82	Abstract 4919: Visible/NIR-activatable prodrug strategy for treating local tumors by the combination of photodynamic therapy and local chemotherapy. Cancer Research, 2014, 74, 4919-4919.	0.4	1
83	A core-modified porphyrin as a sensitizer for dye-sensitized solar cells. Conference Record of the IEEE Photovoltaic Specialists Conference, 2008, , .	0.0	0
84	Conjugate systems using delocalized cationic dyes as a carrier of photosensitizers to mitochondria. Proceedings of SPIE, 2009, , .	0.8	0
85	MP61-09 EARLY DEVELOPMENT OF INTRAVESICAL REFLECTANCE SPECTROSCOPY FOR BLADDER TUMOR DETECTION AND STAGING. Journal of Urology, 2016, 195, .	0.2	0
86	Abstract 3466: Mitochondrial targeting photosensitizer-lipophilic cation conjugates for photodynamic therapy. , 2012, , .		0
87	Abstract 4394: Selective accumulation and specific tumor damage by folate receptor-targeted CA-4 prodrug as part of a combination of photodynamic therapy and site-specific chemotherapy. , 2015, , .		0
88	Abstract 1671: Local release of combretastatin A-4 from NIR-light activatable prodrugs overcomes areal and temporal limitations of photodynamic therapy. , 2016, , .		0
89	Abstract 1361: Progress in light activatable prodrug for the combinational treatment of PDT and site-specific chemotherapy: paclitaxel prodrugs. , 2016, , .		0
90	Editorial: Special Issue on Emerging Developments in Photocaging. Photochemistry and Photobiology, 2022, 98, 287-287.	1.3	0