Kyoko Nakagawa-Goto

List of Publications by Year
in descending order

99 papers	1,997 citations	218677 26 h-index	315739 38 g-index
108 all docs	108 docs citations	108 times ranked	2425 citing authors

#	Article	IF	Citations
1	Antitumor Agents. 254. Synthesis and Biological Evaluation of Novel Neo-tanshinlactone Analogues as Potent Anti-Breast Cancer Agents. Journal of Medicinal Chemistry, 2006, 49, 5631-5634.	6.4	81
2	Antitumor Agents 253. Design, Synthesis, and Antitumor Evaluation of Novel 9-Substituted Phenanthrene-Based Tylophorine Derivatives as Potential Anticancer Agents. Journal of Medicinal Chemistry, 2007, 50, 3674-3680.	6.4	79
3	Dehydrozingerone, Chalcone, and Isoeugenol Analogues as in Vitro Anticancer Agents#. Journal of Natural Products, 2006, 69, 1445-1449.	3.0	78
4	Stelleralides Aâ€“C, Novel Potent Anti-HIV Daphnane-Type Diterpenoids from Stellera chamaejasme L.. Organic Letters, 2011, 13, 2904-2907.	4.6	78
5	Antitumor Agents. 272. Structureâ^'Activity Relationships and In Vivo Selective Anti-Breast Cancer Activity of Novel Neo-tanshinlactone Analogues. Journal of Medicinal Chemistry, 2010, 53, 2299-2308.	6.4	64
6	Development of a Novel Class of Tubulin Inhibitor from Desmosdumotin B with a Hydroxylated Bicyclic B-Ring. Journal of Medicinal Chemistry, 2015, 58, 2378-2389.	6.4	60
7	Anti-tumor agents 255: Novel glycyrrhetinic acidâ€“dehydrozingerone conjugates as cytotoxic agents. Bioorganic and Medicinal Chemistry, 2007, 15, 6193-6199.	3.0	57
8	First Total Synthesis of Protoapigenone and Its Analogues as Potent Cytotoxic Agents. Journal of Medicinal Chemistry, 2007, 50, 3921-3927.	6.4	54
9	Antitumor agents. 271: Total synthesis and evaluation of brazilein and analogs as anti-inflammatory and cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1037-1039.	2.2	51
10	Isolation, Structure Determination, and Anti-HIV Evaluation of Tigliane-Type Diterpenes and Biflavonoid from Stellera chamaejasme. Journal of Natural Products, 2013, 76, 852-857.	3.0	51
11	Antitumor agents. 258. Syntheses and evaluation of dietary antioxidantâ€”taxoid conjugates as novel cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5204-5209.	2.2	49
12	Antitumor agents 278. 4-Amino-2H-benzo[h]chromen-2-one (ABO) analogs as potent in vitro anti-cancer agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4085-4087.	2.2	41
13	Cancer Preventive Agents. Part 5. Anti-tumor-Promoting Effects of Coumarins and Related Compounds on Epstein-Barr Virus Activation and Two-stage Mouse Skin Carcinogenesis. Pharmaceutical Biology, 2006, 44, 178-182.	2.9	39
14	Cancer preventive agents 9. Betulinic acid derivatives as potent cancer chemopreventive agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3378-3381.	2.2	37
15	Antitumor agents. Part 236: Synthesis of water-soluble colchicine derivatives. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 235-238.	2.2	36
16	Antitumor agents 287. Substituted 4-amino-2H-pyran-2-one (APO) analogs reveal a new scaffold from neo-tanshinlactone with in vitro anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2341-2344.	2.2	33
17	Tumor-Associated Macrophages Induce Migration of Renal Cell Carcinoma Cells via Activation of the CCL20-CCR6 Axis. Cancers, 2020, 12, 89.	3.7	33
18	Anti-AIDS agents 73: Structureâ€“activity relationship study and asymmetric synthesis of 3-O-monomethylsuccinyl-betulinic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6553-6557.	2.2	31

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19	Antitumor agents 270. Novel substituted 6-phenyl-4H-furo[3,2-c]pyran-4-one derivatives as potent and highly selective anti-breast cancer agents. Bioorganic and Medicinal Chemistry, 2010, 18, 803-808.	3.0	31
20	Antitumor agents 269. Non-aromatic ring-A neotanshinlactone analog, TNO, as a new class of potent antitumor agents. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6289-6292.	2.2	30
21	Novel sesquiterpene lactone analogues as potent antiâ€breast cancer agents. Molecular Oncology, 2016, 10, 921-937.	4.6	30
22	Antitumor agents. 256. Conjugation of paclitaxel with other antitumor agents: Evaluation of novel conjugates as cytotoxic agents. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2894-2898.	2.2	29
23	Antitumor Agents. 293. Nontoxic Dimethyl-4,4â€²-dimethoxy-5,6,5â€²,6â€²-dimethylenedioxybiphenyl-2,2â€²-dicarboxylate (DDB) Analogues Chemosensitize Multidrug-Resistant Cancer Cells to Clinical Anticancer Drugs. Journal of Medicinal Chemistry, 2012, 55, 5413-5424.	6.4	29
24	Coffee diterpenes kahweol acetate and cafestol synergistically inhibit the proliferation and migration of prostate cancer cells. Prostate, 2019, 79, 468-479.	2.3	29
25	Total synthesis and bioactivity of unique flavone desmosdumotin B and its analogs. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3016-3019.	2.2	28
26	Antitumor Agents 260. New Desmosdumotin B Analogues with Improved In Vitro Anticancer Activity. Journal of Medicinal Chemistry, 2008, 51, 3297-3303.	6.4	28
27	Phytoagent deoxyelephantopin derivative inhibits triple negative breast cancer cell activity by inducing oxidative stress-mediated paraptosis-like cell death. Oncotarget, 2017, 8, 56942-56958.	1.8	27
28	Anti-AIDS agents 68. The first total synthesis of a unique potent anti-HIV chalcone from genus Desmos. Tetrahedron Letters, 2006, 47, 8263-8266.	1.4	26
29	Antitumor Agents. 284. New Desmosdumotin B Analogues with Bicyclic B-Ring as Cytotoxic and Antitubulin Agents. Journal of Medicinal Chemistry, 2011, 54, 1244-1255.	6.4	25
30	(â^')-Neocaryachine, an Antiproliferative Pavine Alkaloid from Cryptocarya laevigata, Induces DNA Double-Strand Breaks. Journal of Natural Products, 2017, 80, 220-224.	3.0	25
31	Antitumor Agents 238. Anti-tubulin and in vitro Cytotoxic Effects of N-Substituted Allocolchicinoids. Heterocycles, 2005, 65, 541.	0.7	24
32	Phytoagent Deoxyelephantopin and Its Derivative Inhibit Triple Negative Breast Cancer Cell Activity through ROS-Mediated Exosomal Activity and Protein Functions. Frontiers in Pharmacology, 2017, 8, 398.	3.5	23
33	Cytotoxic calanquinone A from Calanthe arisanensis and its first total synthesis. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4275-4277.	2.2	22
34	Design and synthesis of gambogic acid analogs as potent cytotoxic and anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4018-4022.	2.2	22
35	Antitumor Agents. 280. Multidrug Resistance-Selective Desmosdumotin B Analogues. Journal of Medicinal Chemistry, 2010, 53, 6699-6705.	6.4	21
36	Antitumor Agents. 282. 2â€²-(R)-O-Acetylglaucarubinone, a Quassinoid from Odyendyea gabonensis As a Potential Anti-Breast and Anti-Ovarian Cancer Agent. Journal of Natural Products, 2010, 73, 1553-1558.	3.0	21

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37	Cancer Preventive Agents. Part 6: Chemopreventive Potential of Furanocoumarins and Related Compounds. Pharmaceutical Biology, 2006, 44, 116-120.	2.9	20
38	Synthesis of (Â±)-Clavicipitic Acid and Its Derivatives. Heterocycles, 1994, 37, 719.	0.7	19
39	A Novel Plant Sesquiterpene Lactone Derivative, DETD-35, Suppresses BRAFV600E Mutant Melanoma Growth and Overcomes Acquired Vemurafenib Resistance in Mice. Molecular Cancer Therapeutics, 2016, 15, 1163-1176.	4.1	19
40	Simple Syntheses of Marine Alkaloid, (Â±)-Chelonin A, and Its Analogs. Heterocycles, 1995, 41, 5.	0.7	17
41	Antitumor agents 273. Design and synthesis of N-alkyl-thiocolchicinoids as potential antitumor agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4091-4094.	2.2	17
42	Phenylethylchromones with In Vitro Antitumor Promoting Activity from Aquilaria filaria. Planta Medica, 2017, 83, 300-305.	1.3	17
43	Kleinhospitine E and Cycloartane Triterpenoids from Kleinhovia hospita. Journal of Natural Products, 2018, 81, 1619-1627.	3.0	17
44	A unique P-glycoprotein interacting agent displays anticancer activity against hepatocellular carcinoma through inhibition of GRP78 and mTOR pathways. Biochemical Pharmacology, 2011, 81, 1136-1144.	4.4	16
45	Anti-proliferative and anti-migratory properties of coffee diterpenes kahweol acetate and cafestol in human renal cancer cells. Scientific Reports, 2021, 11, 675.	3.3	16
46	Effects of substituent pattern on the intracellular target of antiproliferative benzo[b]thiophenyl chromone derivatives. European Journal of Medicinal Chemistry, 2021, 222, 113578.	5.5	16
47	Phyto-sesquiterpene lactones DET and DETD-35 induce ferroptosis in vemurafenib sensitive and resistant melanoma via GPX4 inhibition and metabolic reprogramming. Pharmacological Research, 2022, 178, 106148.	7.1	16
48	Antitumor agents 243. Syntheses and cytotoxicity of desmosdumotin C derivatives. Bioorganic and Medicinal Chemistry, 2005, 13, 2325-2330.	3.0	15
49	First Total Synthesis of Desmosdumotin Câ€. Synthetic Communications, 2005, 35, 1735-1739.	2.1	15
50	Antitumor agents 281. Design, synthesis, and biological activity of substituted 4-amino-7,8,9,10-tetrahydro-2H-benzo[h]chromen-2-one analogs (ATBO) as potent in vitro anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 546-549.	2.2	15
51	Triethylated chromones with substituted naphthalenes as tubulin inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 6048-6057.	3.0	15
52	Acetophenone Monomers from Acronychia trifoliolata. Journal of Natural Products, 2016, 79, 2883-2889.	3.0	15
53	Antitumor agents 283. Further elaboration of Desmosdumotin C analogs as potent antitumor agents: Activation of spindle assembly checkpoint as possible mode of action. Bioorganic and Medicinal Chemistry, 2011, 19, 1816-1822.	3.0	14
54	Antitumor agents 279. Structureâ€“activity relationship and in vivo studies of novel 2-(furan-2-yl)naphthalen-1-ol (FNO) analogs as potent and selective anti-breast cancer agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 52-57.	2.2	14

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55	5â€²-Chloro-2,2â€²-dihydroxychalcone and related flavanoids as treatments for prostate cancer. European Journal of Medicinal Chemistry, 2018, 157, 1143-1152.	5.5	14
56	Secondary Metabolites, Monoterpeneâ€“Polyketides Containing a Spiro[3.5]nonane from Cryptocarya laevigata. Organic Letters, 2018, 20, 2282-2286.	4.6	13
57	Cytotoxic Alangium alkaloids from Alangium longiflorum. Phytochemistry, 2006, 67, 894-897.	2.9	12
58	Antitumor Agents 259. Design, Syntheses, and Structureâ^'Activity Relationship Study of Desmosdumotin C Analogs. Journal of Medicinal Chemistry, 2007, 50, 3354-3358.	6.4	12
59	Corymbulosins Iâ€“W, Cytotoxic Clerodane Diterpenes from the Bark of Laetia corymbulosa. Journal of Organic Chemistry, 2018, 83, 951-963.	3.2	12
60	Sesquiterpene Lactone Deoxyelephantopin Isolated from Elephantopus scaber and Its Derivative DETD-35 Suppress BRAFV600E Mutant Melanoma Lung Metastasis in Mice. International Journal of Molecular Sciences, 2021, 22, 3226.	4.1	12
61	Cancer preventive agents 10. Prenylated dehydrozingerone analogs as potent chemopreventive agents. Journal of Asian Natural Products Research, 2010, 12, 227-232.	1.4	11
62	Antitumor Agents. 289. Design, Synthesis, and Anti-Breast Cancer Activity in Vivo of 4-Amino-2H-benzo[h]chromen-2-one and 4-Amino-7,8,9,10-tetrahydro-2H-benzo[h]chromen-2-one Analogues with Improved Water Solubility. Journal of Natural Products, 2012, 75, 370-377.	3.0	11
63	Corymbulosins Dâ€“H, 2-Hydroxy- and 2-Oxo-clerodane Diterpenes from the Bark of Laetia corymbulosa. Journal of Natural Products, 2017, 80, 1065-1072.	3.0	11
64	A Novel Clerodane Diterpene from <i>Vitex cofassus</i>. Chemical and Pharmaceutical Bulletin, 2017, 65, 116-120.	1.3	11
65	Total Synthesis of Antiproliferative Parvifloron F. Organic Letters, 2018, 20, 628-631.	4.6	11
66	Total Synthesis and in Vitro Anti-Tumor-Promoting Activities of Racemic Acetophenone Monomers from Acronychia trifoliolata. Journal of Natural Products, 2016, 79, 2890-2897.	3.0	10
67	Antiproliferative Alkaloids from Alangium longiflorum, an Endangered Tropical Plant Species. Journal of Natural Products, 2018, 81, 1884-1891.	3.0	10
68	Synthesis of 4-epi-Parviflorons A, C, and E: Structureâ€“Activity Relationship Study of Antiproliferative Abietane Derivatives. Journal of Organic Chemistry, 2019, 84, 3239-3248.	3.2	10
69	Cancer Preventive Agents. 7. Antitumor-Promoting Effects of Seven Active Flavonolignans from Milk Thistle (Silybum marianum.) on Epstein-Barr Virus Activation. Pharmaceutical Biology, 2007, 45, 735-738.	2.9	9
70	Spiro[3.5]nonenyl Meroterpenoid Lactones, Cryptolaevilactones Gâ€“L, an Ionone Derivative, and Total Synthesis of Cryptolaevilactone M from Cryptocarya laevigata. Journal of Natural Products, 2019, 82, 2368-2378.	3.0	9
71	Prenylated Acetophloroglucinol Dimers from Acronychia trifoliolata: Structure Elucidation and Total Synthesis. Journal of Natural Products, 2019, 82, 2852-2858.	3.0	9
72	A-ring modified betulinic acid derivatives as potent cancer preventive agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1005-1008.	2.2	8

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73	Isolation, Structure Elucidation, and Antiproliferative Activity of Butanolides and Lignan Glycosides from the Fruit of Hernandia nymphaeifolia. Molecules, 2019, 24, 4005.	3.8	8
74	Formal Synthesis of the Bryostatin Northern Hemisphere: Asymmetric Synthesis of the B Ring and C1-C9 Fragment. Synlett, 2011, 2011, 1413-1418.	1.8	7
75	The anticancer activity of two glycosides from the leaves of Leea aequata L.. Natural Product Research, 2020, 35, 1-5.	1.8	7
76	A new flavonoid derivative exerts antitumor effects against androgenâ€sensitive to cabazitaxelâ€resistant prostate cancer cells. Prostate, 2021, 81, 295-306.	2.3	7
77	Paliasanines Aâ€“E, 3,4-Methylenedioxyquinoline Alkaloids Fused with a Phenyl-14-oxabicyclo[3.2.1]octane Unit from Melochia umbellata var. deglabrata. Journal of Natural Products, 2020, 83, 2931-2939.	3.0	5
78	Î±-Trifluoromethyl Chalcones as Potent Anticancer Agents for Androgen Receptor-Independent Prostate Cancer. Molecules, 2021, 26, 2812.	3.8	5
79	Simple Total Syntheses of (-)-Ergot Alkaloids and Thier (+)-Enantiomers by a Common Synthesis Method Utilizing Optical Resolution. Heterocycles, 1997, 45, 1263.	0.7	5
80	Chemical Space Expansion of Flavonoids: Induction of Mitotic Inhibition by Replacing Ring B with a 10Ï€-Electron System, Benzo[b]thiophene. Journal of Natural Products, 2022, 85, 136-147.	3.0	5
81	Synthetic Approaches to the Bottom Half Fragment for Bryostatin 11. Synlett, 2011, 2011, 1555-1558.	1.8	4
82	Bicyclic Chalcones as Mitotic Inhibitors for Overcoming Androgen Receptor-Independent and Multidrug-Resistant Prostate Cancer. ACS Omega, 2021, 6, 4842-4849.	3.5	4
83	Synthesis of Thio-lignan Analogues, Bioequivalent Salvinal without Unfavored Aldehyde. Journal of Organic Chemistry, 2021, 86, 7092-7106.	3.2	4
84	Syntheses of (Â±)-4-Amino-1,3,4,5-tetrahydrobenz[cd]indole-4-carboxylic Acid, (Â±)-4-N,N-Dipropylamino-4-hydroxymethyl- and (Â±)-4-Propyloxy-1,3,4,5-tetrahydrobenz[cd]indole. Heterocycles, 1994, 38, 1479.	0.7	3
85	Synthesis of 4-Amino-, 4-Hydroxy-, and 4-Nitro-1,3,4,5-tetrahydrobenz[cd]indols and Its Bromination. Heterocycles, 2014, 88, 493.	0.7	3
86	Antiproliferative and Chemosensitizing Effects of Diarylheptanoids on Intractable Tumor Cells. ACS Omega, 2019, 4, 2053-2062.	3.5	3
87	Cancer preventive agents 11. Novel analogs of dimethyl dicarboxylate biphenyl as potent cancer chemopreventive agentsâ€. Pharmaceutical Biology, 2012, 50, 18-24.	2.9	2
88	Antitubulin effects of aminobenzothiophene-substituted triethylated chromones. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2731-2735.	2.2	2
89	Reply to Comment on â€œKadomoto, S. et al. Tumor-Associated Macrophages Induce Migration of Renal Cell Carcinoma Cells via Activation of the CCL20-CCR6 Axisâ€•Cancers 2020 12, 89. Cancers, 2020, 12, 354.	3.7	2
90	Novel seco-phenanthroquinolizidine alkaloids from Indonesian Boehmeria virgata. Phytochemistry Letters, 2021, 45, 132-136.	1.2	2

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91	Antitumor Agents 291 Expanded B-Ring Modification Study of 6,8,8-Triethyl Desmosdumotin B Analogues as Multidrug-Resistance Selective Agents. , 2011, 01, .		2
92	Toward the Total Synthesis of Bryostatin 11: Stereoselective Construction of the C13-Exocyclic Enoate in the C1â€“C16 Fragment. Synthetic Communications, 2011, 41, 3032-3038.	2.1	1
93	1-(3,4,5-Trimethoxyphenyl)ethane-1,2-diyl esters, a novel compound class with potent chemoreversal activity. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7726-7729.	2.2	1
94	Development of an Efficient Scale-Up Synthesis Method for a Î²₃-Adrenergic Receptor Agonist, Ritobegron Ethyl Hydrochloride. Organic Process Research and Development, 2020, 24, 1675-1682.	2.7	1
95	Novel furoquinolinones from an Indonesian Plant, Lunasia amara. Tetrahedron Letters, 2020, 61, 151861.	1.4	1
96	Boroxazolidone Formation under Physiological Conditions as a Tool for the Chemical Modification of Biomolecules. Chemistry Letters, 2021, 50, 1695-1698.	1.3	1
97	First Total Synthesis of the Pavine Alkaloid (Â±)-Neocaryachine and Its Optical Resolution. Chemical and Pharmaceutical Bulletin, 2020, 68, 899-902.	1.3	1
98	MicroRNA-Mediated Mitochondrial Dysfunction Is Involved in the Anti-triple-Negative Breast Cancer Cell Activity of Phytosesquiterpene Lactones. Antioxidants and Redox Signaling, 2023, 38, 198-214.	5.4	1
99	Total Synthesis and Bioactivity of Unique Flavone Desmosdumotin B and Its Analogues.. ChemInform, 2005, 36, no.	0.0	0