Sang Hyun Sung

List of Publications by Year
in descending order

116	4,345	87888 38	133252 59
papers	citations	h-index	g-index

123	123	123	5447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of lipopolysaccharide-inducible nitric oxide synthase, TNF-Î± and COX-2 expression by sauchinone effects on I-Î¹ BÎ± phosphorylation, C/EBP and AP-1 activation. British Journal of Pharmacology, 2003, 139, 11-20.	5.4	245
2	Coumarins Isolated fromAngelicagigasInhibit Acetylcholinesterase:Â Structureâ"Activity Relationships. Journal of Natural Products, 2001, 64, 683-685.	3.0	204
3	Genome and evolution of the shadeâ€requiring medicinal herb Panax ginseng. Plant Biotechnology Journal, 2018, 16, 1904-1917.	8.3	136
4	Neuroprotective and anti-inflammatory effects of flavonoids isolated from Rhus verniciflua in neuronal HT22 and microglial BV2 cell lines. Food and Chemical Toxicology, 2012, 50, 1940-1945.	3.6	128
5	Cognitive-enhancing and antioxidant activities of iridoid glycosides from Scrophularia buergeriana in scopolamine-treated mice. European Journal of Pharmacology, 2008, 588, 78-84.	3.5	126
6	The simultaneous determination of coumarins in Angelica gigas root by high performance liquid chromatographyâ€"diode array detector coupled with electrospray ionization/mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 258-266.	2.8	105
7	Dibenzocyclooctadiene lignans fromSchisandra chinensis protect primary cultures of rat cortical cells from glutamate-induced toxicity. Journal of Neuroscience Research, 2004, 76, 397-405.	2.9	98
8	Cognitive-enhancing effects of Rhus verniciflua bark extract and its active flavonoids with neuroprotective and anti-inflammatory activities. Food and Chemical Toxicology, 2013, 58, 355-361.	3.6	90
9	Hepatoprotective Diastereomeric Lignans fromSaururus chinensisHerbs. Journal of Natural Products, 2000, 63, 1019-1021.	3.0	89
10	The effects of lignan-riched extract of Shisandra chinensis on amyloid-Î²-induced cognitive impairment and neurotoxicity in the cortex and hippocampus of mouse. Journal of Ethnopharmacology, 2013, 146, 347-354.	4.1	89
11	Four New Neuroprotective Dihydropyranocoumarins fromAngelicagigas. Journal of Natural Products, 2005, 68, 56-59.	3.0	82
12	Flavonoids of Inula britannica protect cultured cortical cells from necrotic cell death induced by glutamate. Free Radical Biology and Medicine, 2002, 32, 596-604.	2.9	80
13	Ginsenoside 20(S)-Rh2 exerts anti-cancer activity through targeting IL-6-induced JAK2/STAT3 pathway in human colorectal cancer cells. Journal of Ethnopharmacology, 2016, 194, 83-90.	4.1	76
14	Neuroprotective Limonoids of Root Bark of Dictamnus dasycarpus. Journal of Natural Products, 2008, 71, 208-211.	3.0	75
15	Four New Neuroprotective Iridoid Glycosides from Scrophularia buergeriana Roots. Journal of Natural Products, 2002, 65, 1696-1699.	3.0	69
16	In VitroNeuroprotective Activities of Phenylethanoid Glycosides fromCallicarpa dichotoma. Planta Medica, 2005, 71, 778-780.	1.3	67
17	Nodakenin Suppresses Lipopolysaccharide-Induced Inflammatory Responses in Macrophage Cells by Inhibiting Tumor Necrosis Factor Receptor-Associated Factor 6 and Nuclear Factor-ÎºB Pathways and Protects Mice from Lethal Endotoxin Shock. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 654-664.	2.5	67
18	Hepatoprotective activity of scopoletin, a constituent ofSolanum lyratum. Archives of Pharmacal Research, 1998, 21, 718-722.	6.3	65

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19	Cognitive-enhancing activity of loganin isolated from Cornus officinalis in scopolamine-induced amnesic mice. Archives of Pharmacal Research, 2009, 32, 677-683.	6.3	63
20	Hydrolyzable tannins from the fruits of Terminalia chebula Retz and their Î±-glucosidase inhibitory activities. Phytochemistry, 2017, 137, 109-116.	2.9	62
21	Nrf2â€mediated liver protection by sauchinone, an antioxidant lignan, from acetaminophen toxicity through the PKCÎ´â€GSK3Î² pathway. British Journal of Pharmacology, 2011, 163, 1653-1665.	5.4	61
22	Comprehensive mass spectrometryâ€guided phenotyping of plant specialized metabolites reveals metabolic diversity in the cosmopolitan plant family Rhamnaceae. Plant Journal, 2019, 98, 1134-1144.	5.7	59
23	Inhibition of osteoclast differentiation and bone resorption by sauchinone. Biochemical Pharmacology, 2007, 74, 911-923.	4.4	58
24	ESP-102, a standardized combined extract of Angelica gigas, Saururus chinensis and Schizandra chinensis, significantly improved scopolamine-induced memory impairment in mice. Life Sciences, 2005, 76, 1691-1705.	4.3	55
25	Jubanines Fâ€“J, cyclopeptide alkaloids from the roots of Ziziphus jujuba. Phytochemistry, 2015, 119, 90-95.	2.9	53
26	New Tetrahydrofuran-Type Sesquilignans of Saururus chinensis Root.. Chemical and Pharmaceutical Bulletin, 2001, 49, 1192-1194.	1.3	48
27	KD-501, a standardized extract of Scrophularia buergeriana has both cognitive-enhancing and antioxidant activities in mice given scopolamine. Journal of Ethnopharmacology, 2009, 121, 98-105.	4.1	48
28	Neuroprotective iridoid glycosides from Cornus officinalis fruits against glutamate-induced toxicity in HT22 hippocampal cells. Phytomedicine, 2012, 19, 317-321.	5.3	48
29	Limonoids from Dictamnus dasycarpus Protect Against Glutamate-induced Toxicity in Primary Cultured Rat Cortical Cells. Journal of Molecular Neuroscience, 2010, 42, 9-16.	2.3	47
30	Sauchinone, a Lignan from Saururus chinensis, Attenuates CCl4-Induced Toxicity in Primary Cultures of Rat Hepatocytes.. Biological and Pharmaceutical Bulletin, 2000, 23, 666-668.	1.4	46
31	E-p -Methoxycinnamic acid protects cultured neuronal cells against neurotoxicity induced by glutamate. British Journal of Pharmacology, 2002, 135, 1281-1291.	5.4	46
32	Antiproliferative activity of triterpenoids from Eclipta prostrata on hepatic stellate cells. Phytomedicine, 2008, 15, 775-780.	5.3	46
33	Anti-adipogenic activity of compounds isolated from Idesia polycarpa on 3T3-L1 cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3170-3174.	2.2	44
34	Neuroprotective biflavonoids of Chamaecyparis obtusa leaves against glutamate-induced oxidative stress in HT22 hippocampal cells. Food and Chemical Toxicology, 2014, 64, 397-402.	3.6	44
35	Targeted Isolation of Neuroprotective Dicoumaroyl Neolignans and Lignans from Sageretia theezans Using in Silico Molecular Network Annotation Propagation-Based Dereplication. Journal of Natural Products, 2018, 81, 1819-1828.	3.0	44
36	Neuroprotective Lignans from the Bark ofMachilus thunbergii. Planta Medica, 2004, 70, 79-80.	1.3	43

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37	Identification of candidate UDP-glycosyltransferases involved in protopanaxadiol-type ginsenoside biosynthesis in Panax ginseng. Scientific Reports, 2018, 8, 11744.	3.3	41
38	Molecular Networking Reveals the Chemical Diversity of Selaginellin Derivatives, Natural Phosphodiesterase-4 Inhibitors from Selaginella tamariscina. Journal of Natural Products, 2019, 82, 1820-1830.	3.0	40
39	Iridoids fromScrophularia buergeriana attenuate glutamate-induced neurotoxicity in rat cortical cultures. Journal of Neuroscience Research, 2003, 74, 948-955.	2.9	39
40	Inhibitory Constituents of Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia isolated fromAmomum tsao-ko. Planta Medica, 2008, 74, 867-869.	1.3	39
41	Effect of Neuroprotective Flavonoids ofAgrimonia eupatoriaon Glutamate-Induced Oxidative Injury to HT22 Hippocampal Cells. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1704-1706.	1.3	38
42	Aristolactam BII ofSaururus chinensisAttenuates Glutamate-Induced Neurotoxicity in Rat Cortical Cultures Probably by Inhibiting Nitric Oxide Production. Planta Medica, 2004, 70, 391-396.	1.3	36
43	Idesolide:â€‰ A New Spiro Compound fromIdesiapolycarpa. Organic Letters, 2005, 7, 3275-3277.	4.6	35
44	Kuwanon V Inhibits Proliferation, Promotes Cell Survival and Increases Neurogenesis of Neural Stem Cells. PLoS ONE, 2015, 10, e0118188.	2.5	35
45	Identification of ginsenoside markers from dry purified extract of Panax ginseng by a dereplication approach and UPLCâ€“QTOF/MS analysis. Journal of Pharmaceutical and Biomedical Analysis, 2015, 109, 91-104.	2.8	35
46	A New Neuroprotective Pinusolide Derivative from the Leaves of Biota orientalis.. Chemical and Pharmaceutical Bulletin, 2002, 50, 834-836.	1.3	34
47	Inhibition of nitric oxide production in lipopolysaccharide-stimulated RAW264.7 macrophage cells by lignans isolated from Euonymus alatus leaves and twigs. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2283-2286.	2.2	34
48	Cognition-enhancing and neuroprotective activities of the standardized extract of Betula platyphylla bark and its major diarylheptanoids. Phytomedicine, 2012, 19, 1315-1320.	5.3	34
49	Complete 1H-NMR and 13C-NMR spectral analysis of the pairs of 20(S) and 20(R) ginsenosides. Journal of Ginseng Research, 2014, 38, 194-202.	5.7	34
50	Antifibrotic activity of coumarins from Cnidium monnieri fruits in HSC-T6 hepatic stellate cells. Journal of Natural Medicines, 2011, 65, 370-374.	2.3	31
51	Inhibitory Constituents of Euscaphis japonica on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2007, 73, 782-786.	1.3	30
52	Anti-adipogenic diarylheptanoids from Alnus hirsuta f. sibirica on 3T3-L1 cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2069-2073.	2.2	29
53	Triterpenoidal saponins of Pulsatilla koreana roots. Phytochemistry, 2010, 71, 1892-1899.	2.9	28
54	Antiproliferative Triterpenes from the Leaves and Twigs of Juglans sinensis on HSC-T6 Cells. Journal of Natural Products, 2011, 74, 751-756.	3.0	28

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55	Neuroprotective Diarylheptanoids from the Leaves and Twigs ofJuglans sinensisagainst Glutamate-Induced Toxicity in HT22 Cells. Planta Medica, 2011, 77, 841-845.	1.3	28
56	Salicortin-Derivatives from Salix pseudo-lasiogyne Twigs Inhibit Adipogenesis in 3T3-L1 Cells via Modulation of C/EBPÎ± and SREBP1c Dependent Pathway. Molecules, 2013, 18, 10484-10496.	3.8	28
57	Cytotoxic Ceanothane- and Lupane-Type Triterpenoids from the Roots of Ziziphus jujuba. Journal of Natural Products, 2016, 79, 2364-2375.	3.0	28
58	Hepatoprotective flavonol glycosides ofSaururus chinensis herbs. , 1997, 11, 500-503.		25
59	Simultaneous determination of four active constituents in the roots of Scrophularia buergeriana by HPLCâ€ĐAD and LCâ€ESIâ€MS. Journal of Separation Science, 2007, 30, 2345-2350.	2.5	25
60	Inhibition of antigen-induced degranulation by aryl compounds isolated from the bark of Betula platyphylla in RBL-2H3 cells. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2824-2827.	2.2	25
61	Neuroprotective Compounds from Salix pseudo-lasiogyne Twigs and Their Anti-Amnesic Effects on Scopolamine-Induced Memory Deficit in Mice. Planta Medica, 2013, 79, 78-82.	1.3	24
62	Chemical Constituents ofAlnus firmaand Their Inhibitory Activity on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2010, 76, 1007-1010.	1.3	23
63	Anti-inflammatory phenolics isolated from Juniperus rigida leaves and twigs in lipopolysaccharide-stimulated RAW264.7 macrophage cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 875-879.	5.2	23
64	Inhibitory alkaloids from Dictamnus dasycarpus root barks on lipopolysaccharide-induced nitric oxide production in BV2 cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 490-494.	5.2	23
65	Ameliorative effect of betulin from Betula platyphylla bark on scopolamine-induced amnesic mice. Bioscience, Biotechnology and Biochemistry, 2016, 80, 166-171.	1.3	23
66	Compounds with neuroprotective activity from the medicinal plantMachilus thunbergii. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 1117-1121.	5.2	22
67	Antifibrotic activity of triterpenoids from the aerial parts ofEuscaphis japonicaon hepatic stellate cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 1276-1279.	5.2	22
68	Prickly Pear Cactus (Opuntia ficus indicavar.saboten) Protects Against Stress-Induced Acute Gastric Lesions in Rats. Journal of Medicinal Food, 2012, 15, 968-973.	1.5	22
69	Cytotoxic terpenoids from Juglans sinensis leaves and twigs. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2079-2083.	2.2	22
70	Antiplasmodial Activity, Cytotoxicity and Structure-Activity Relationship Study of Cyclopeptide Alkaloids. Molecules, 2017, 22, 224.	3.8	22
71	Inhibition of Double-Stranded RNA-Induced Inducible Nitric Oxide Synthase Expression by Fraxinellone and Sauchinone in Murine Microglia. Biological and Pharmaceutical Bulletin, 2009, 32, 1870-1874.	1.4	21
72	Hepatoprotective flavonoids in Opuntia ficus-indica fruits by reducing oxidative stress in primary rat hepatocytes. Pharmacognosy Magazine, 2017, 13, 472.	0.6	21

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73	Antifibrotic activity of diterpenes from Biota orientalis leaves on hepatic stellate cells. Archives of Pharmacal Research, 2008, 31, 866-871.	6.3	20
74	New Secoisolariciresinol Derivatives fromLindera obtusilobaStems and Their Neuroprotective Activities. Planta Medica, 2010, 76, 294-297.	1.3	20
75	<i>ent</i>-Kaurane and <i>ent</i>-Pimarane Diterpenes from <i>Siegesbeckia pubescens</i> Inhibit Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Biological and Pharmaceutical Bulletin, 2014, 37, 152-157.	1.4	20
76	Suppression of Th2-driven, allergen-induced airway inflammation by sauchinone. Biochemical and Biophysical Research Communications, 2009, 385, 204-209.	2.1	19
77	Chemical constituents isolated from Disporum viridescens leaves and their inhibitory effect on nitric oxide production in BV2 microglial cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5675-5678.	2.2	19
78	Anti-adipogenic activity of a new cyclic diarylheptanoid isolated from Alnus japonica on 3T3-L1 cells via modulation of PPARÎ³, C/EBPÎ± and SREBP1c signaling. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4648-4651.	2.2	19
79	HMCO5, herbal extract, inhibits NF-ÎºB expression in lipopolysaccharide treated macrophages and reduces atherosclerotic lesions in cholesterol fed mice. Journal of Ethnopharmacology, 2007, 114, 316-324.	4.1	18
80	Idesolide, an Isolate of Idesia polycarpa, Inhibits Apoptosis through Induction of Intracellular Heat Shock Protein 70 in C2C12 Muscle Cells. Biological and Pharmaceutical Bulletin, 2010, 33, 1063-1066.	1.4	18
81	Inhibitory Activity of Phenolic Glycosides from the Fruits of Idesia polycarpa on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2007, 73, 167-169.	1.3	17
82	Catechin-Bound Ceanothane-Type Triterpenoid Derivatives from the Roots of Zizyphus jujuba. Journal of Natural Products, 2017, 80, 1048-1054.	3.0	17
83	Discrimination of Scrophulariae Radix according to geographical origin and determination of active constituents by near infrared spectroscopy (NIRS). Microchemical Journal, 2011, 99, 213-217.	4.5	16
84	Hepatoprotective constituents of Firmiana simplex stem bark against ethanol insult to primary rat hepatocytes. Pharmacognosy Magazine, 2015, 11, 55.	0.6	16
85	Berchemiosides Aâ€“C, 2-Acetoxy-Ï‰-phenylpentaene Fatty Acid Triglycosides from the Unripe Fruits of Berchemia berchemiifolia. Journal of Natural Products, 2017, 80, 2778-2786.	3.0	16
86	Assessing specialized metabolite diversity of Alnus species by a digitized LCâ€“MS/MS data analysis workflow. Phytochemistry, 2020, 173, 112292.	2.9	15
87	Chemical constituents isolated from Polygala japonica leaves and their inhibitory effect on nitric oxide production in vitro. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 230-233.	5.2	14
88	Idesolide inhibits the adipogenic differentiation of mesenchymal cells through the suppression of nitric oxide production. European Journal of Pharmacology, 2012, 685, 218-223.	3.5	14
89	Ceanothane- and lupane-type triterpene esters from the roots of Hovenia dulcis and their antiproliferative activity on HSC-T6 cells. Phytochemistry, 2017, 142, 60-67.	2.9	14
90	Platyphylloside Isolated From Inhibit Adipocyte Differentiation and Induce Lipolysis Via Regulating Adipokines Including PPARÎ³ in 3T3-L1 Cells. Pharmacognosy Magazine, 2016, 12, 276-281.	0.6	13

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91	Cytotoxic activities of naturally occurring oleanane-, ursane-, and lupane-type triterpenes on HepG2 and AGS cells. Pharmacognosy Magazine, 2017, 13, 118.	0.6	13
92	Sauchinone Attenuates Oxidative Stress-Induced Skeletal Muscle Myoblast Damage through the Down-Regulation of Ceramide. Biological and Pharmaceutical Bulletin, 2011, 34, 575-579.	1.4	12
93	Implication of the Stereoisomers of Ginsenoside Derivatives in the Antiproliferative Effect of HSC-T6 Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 11759-11764.	5.2	12
94	A new dineolignan from Saururus chinensis root. FÃ¬toterapÃ¬Ã¢, 2006, 77, 487-488.	2.2	11
95	Antifibrotic Activity of Diarylheptanoids fromBetula platyphyllatoward HSC-T6 Cells. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1616-1620.	1.3	11
96	Antifibrotic constituents of Alnus firma on hepatic stellate cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2906-2910.	2.2	10
97	The effects of Betula platyphylla bark on amyloid beta-induced learning and memory impairment in mice. Food and Chemical Toxicology, 2014, 74, 156-163.	3.6	10
98	HMC05 attenuates vascular contraction through inhibition of RhoA/Rho-kinase signaling pathway. Journal of Ethnopharmacology, 2011, 133, 484-489.	4.1	9
99	New neuroprotective dibenzylbutane lignans isolated from Machilus thunbergii. Natural Product Research, 2010, 24, 562-568.	1.8	8
100	The herbal extract HMC05 inhibits neointima formation in balloon-injured rat carotid arteries: Possible therapeutic implications of HMC05. Journal of Ethnopharmacology, 2011, 133, 168-176.	4.1	8
101	The ethanolic extract of Juglans sinensis leaves and twigs attenuates CCl₄-induced hepatic oxidative stress in rats. Pharmacognosy Magazine, 2015, 11, 533.	0.6	8
102	Efficient Method for Extraction and Simultaneous Determination of Active Constituents in Cornus officinalis by Reflux Extraction and High Performance Liquid Chromatography with Diode Array Detection. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 822-832.	1.0	7
103	Suppression of adipocyte differentiation by 15-methoxypinusolidic acid through inhibition of PPARÎ³ activity. Archives of Pharmacal Research, 2010, 33, 1035-1041.	6.3	7
104	ESPâ€102, a combined extract of Angelica gigas, Saururus chinensis and Schizandra chinensis, protects against glutamateâ€induced toxicity in primary cultures of rat cortical cells. Phytotherapy Research, 2009, 23, 1587-1591.	5.8	6
105	Dammarane Derivatives Protect Cultured Rat Cortical Cells from Glutamate-induced Neurotoxicity. Journal of Pharmacy and Pharmacology, 2010, 52, 1505-1511.	2.4	6
106	Discrimination of Scrophularia spp. according to geographic origin with HPLC-DAD combined with multivariate analysis. Microchemical Journal, 2010, 94, 118-124.	4.5	6
107	Simultaneous Determination of Five Active Constituents in the Aerial Parts of Saururus chinensis by HPLC-DAD. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2943-2953.	1.0	5
108	Micelle-Mediated Extraction of Dibenzocyclooctadiene Lignans from Schisandra chinensis with Analysis by High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2014, 52, 745-750.	1.4	5

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109	Isolation and structure elucidation of (â˜)-idescarparide, a new spiro compound from Idesia polycarpa. Tetrahedron Letters, 2014, 55, 5447-5449.	1.4	5
110	Preparative Purification of Anti-Proliferative Diarylheptanoids from Betula platyphylla by High-Speed Counter-Current Chromatography. Molecules, 2016, 21, 700.	3.8	5
111	DA-9801 and its saponins, dioscin and protodioscin, protect primary cortical neurons from hyperglycemia-induced neurotoxicity. Journal of Functional Foods, 2019, 54, 231-240.	3.4	5
112	Comparative transcriptome and metabolome analyses of four Panax species explore the dynamics of metabolite biosynthesis. Journal of Ginseng Research, 2023, 47, 44-53.	5.7	5
113	Simultaneous Determination of Alkaloids and Flavonoids in HMC05 Preparation by HPLC-DAD. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2917-2926.	1.0	4
114	Structure elucidation of a new triterpene from Rhus trichocarpa roots. Magnetic Resonance in Chemistry, 2017, 55, 763-766.	1.9	4
115	Rhamnellosides A and B, Ï‰-Phenylpentaene Fatty Acid Amide Diglycosides from the Fruits of Rhamnella franguloides. Molecules, 2018, 23, 752.	3.8	3
116	Anti-differentiation effect of B, D-seco limonoids of Swietenia mahogani. Pharmacognosy Magazine, 2017, 13, 293.	0.6	2