

# Flávia Almeida Santos

## List of Publications by Year in descending order

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103  
papers

3,925  
citations

109264

35  
h-index

143943

57  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiinflammatory and antinociceptive effects of 1,8-cineole a terpenoid oxide present in many plant essential oils. <i>Phytotherapy Research</i> , 2000, 14, 240-244.	2.8	391
2	1,8-cineole (eucalyptol), a monoterpene oxide attenuates the colonic damage in rats on acute TNBS-colitis. <i>Food and Chemical Toxicology</i> , 2004, 42, 579-584.	1.8	133
3	Protective effect of $\hat{1}\pm$ - and $\hat{1}^2$ -amyrin, a triterpene mixture from <i>Protium heptaphyllum</i> (Aubl.) March. trunk wood resin, against acetaminophen-induced liver injury in mice. <i>Journal of Ethnopharmacology</i> , 2005, 98, 103-108.	2.0	133
4	Antihyperglycemic and hypolipidemic effects of $\hat{1}\pm$ , $\hat{1}^2$ -amyrin, a triterpenoid mixture from <i>Protium heptaphyllum</i> in mice. <i>Lipids in Health and Disease</i> , 2012, 11, 98.	1.2	125
5	1,8-cineol, a food flavoring agent, prevents ethanol-induced gastric injury in rats. , 2001, 46, 331-337.		119
6	Anti-inflammatory effect of kaurenoic acid, a diterpene from <i>Copaifera langsdorffii</i> on acetic acid-induced colitis in rats. <i>Vascular Pharmacology</i> , 2002, 39, 303-307.	1.0	117
7	Oleanolic acid, a natural triterpenoid improves blood glucose tolerance in normal mice and ameliorates visceral obesity in mice fed a high-fat diet. <i>Chemico-Biological Interactions</i> , 2010, 185, 59-65.	1.7	117
8	Betulinic Acid, a Natural Pentacyclic Triterpenoid, Prevents Abdominal Fat Accumulation in Mice Fed a High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8776-8781.	2.4	110
9	Anti-inflammatory effect of $\hat{1}\pm$ , $\hat{1}^2$ -Amyrin, a pentacyclic triterpene from <i>Protium heptaphyllum</i> in rat model of acute periodontitis. <i>Inflammopharmacology</i> , 2008, 16, 48-52.	1.9	104
10	Investigations on the Gastroprotective and Antidiarrhoeal Properties of Ternatin, a Tetramethoxyflavone from <i>Egletes viscosa</i> . <i>Planta Medica</i> , 1997, 63, 146-149.	0.7	98
11	Investigation on the wound healing activity of oleo-resin from <i>Copaifera langsdorffii</i> in rats. <i>Phytotherapy Research</i> , 2002, 16, 737-739.	2.8	89
12	Protective effect of anacardic acids from cashew ( <i>Anacardium occidentale</i> ) on ethanol-induced gastric damage in mice. <i>Chemico-Biological Interactions</i> , 2010, 183, 264-269.	1.7	80
13	1,8-cineole (eucalyptol) ameliorates cerulein-induced acute pancreatitis via modulation of cytokines, oxidative stress and NF- $\hat{1}$ B activity in mice. <i>Life Sciences</i> , 2013, 92, 1195-1201.	2.0	78
14	Gastroprotective Effect of Mangiferin, a Xanthonoid from <i>Mangifera indica</i> , against Gastric Injury Induced by Ethanol and Indomethacin in Rodents. <i>Planta Medica</i> , 2007, 73, 1372-1376.	0.7	73
15	Gastroprotective and anti-inflammatory effects of resin from <i>Protium heptaphyllum</i> in mice and rats. <i>Pharmacological Research</i> , 2004, 49, 105-111.	3.1	72
16	Ursolic Acid, a Pentacyclic Triterpene from <i>Sambucus australis</i> , Prevents Abdominal Adiposity in Mice Fed a High-Fat Diet. <i>Journal of Medicinal Food</i> , 2011, 14, 1375-1382.	0.8	71
17	Protective effect of <i>Copaifera langsdorffii</i> oleo-resin against acetic acid-induced colitis in rats. <i>Journal of Ethnopharmacology</i> , 2004, 93, 51-56.	2.0	66
18	Gastroprotective Effect of the Mixture of $\hat{1}\pm$ - and $\hat{1}^2$ -Amyrin from <i>Protium heptaphyllum</i> : Role of Capsaicin-Sensitive Primary Afferent Neurons. <i>Planta Medica</i> , 2004, 70, 780-782.	0.7	60

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19	Pentacyclic triterpenoids, $\hat{1}\pm, \hat{1}^2$ -amyriins, suppress the scratching behavior in a mouse model of pruritus. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 719-725.	1.3	60
20	Antinociceptive effect of triterpenoid $\hat{1}\pm, \hat{1}^2$ -amyrin in rats on orofacial pain induced by formalin and capsaicin. <i>Phytomedicine</i> , 2008, 15, 630-634.	2.3	56
21	Anti-inflammatory effect of $\hat{1}\pm, \hat{1}^2$ -amyrin, a triterpene from <i>Protium heptaphyllum</i> , on cerulein-induced acute pancreatitis in mice. <i>Inflammation Research</i> , 2011, 60, 673-681.	1.6	56
22	Antinociceptive effect of leaf essential oil from <i>Croton sonderianus</i> in mice. <i>Life Sciences</i> , 2005, 77, 2953-2963.	2.0	55
23	The Natural Flavonoid Quercetin Ameliorates Cerulein-Induced Acute Pancreatitis in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1534-1539.	0.6	55
24	Oleanolic Acid, a Pentacyclic Triterpene Attenuates the Mustard Oil-Induced Colonic Nociception in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 82-85.	0.6	51
25	$\hat{1}\pm, \hat{1}^2$ -amyrin, a natural triterpenoid ameliorates L-arginine-induced acute pancreatitis in rats. <i>World Journal of Gastroenterology</i> , 2010, 16, 4272.	1.4	51
26	Attenuation of capsaicin-induced acute and visceral nociceptive pain by $\hat{1}\pm$ - and $\hat{1}^2$ -amyrin, a triterpene mixture isolated from <i>Protium heptaphyllum</i> resin in mice. <i>Life Sciences</i> , 2005, 77, 2942-2952.	2.0	50
27	A Protein Isolate from <i>Moringa oleifera</i> Leaves Has Hypoglycemic and Antioxidant Effects in Alloxan-Induced Diabetic Mice. <i>Molecules</i> , 2017, 22, 271.	1.7	50
28	Oleanolic acid, a pentacyclic triterpene attenuates capsaicin-induced nociception in mice: Possible mechanisms. <i>Pharmacological Research</i> , 2006, 54, 282-286.	3.1	49
29	1,8-Cineole protects against liver failure in an in-vivo murine model of endotoxemic shock. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 505-511.	1.2	49
30	Mangiferin ameliorates 6-hydroxydopamine-induced cytotoxicity and oxidative stress in ketamine model of schizophrenia. <i>Pharmacological Reports</i> , 2012, 64, 848-856.	1.5	49
31	Topical anti-inflammatory potential of Physalin E from <i>Physalis angulata</i> on experimental dermatitis in mice. <i>Phytomedicine</i> , 2010, 17, 740-743.	2.3	48
32	Investigations on the antinociceptive effect of <i>Psidium guajava</i> leaf essential oil and its major constituents. , 1998, 12, 24-27.		46
33	Studies on the antidiarrhoeal effect of dragon's blood from <i>Croton urucurana</i> . <i>Phytotherapy Research</i> , 2001, 15, 319-322.	2.8	43
34	Quebrachitol-induced gastroprotection against acute gastric lesions: Role of prostaglandins, nitric oxide and K <sup>+</sup> ATP channels. <i>Phytomedicine</i> , 2008, 15, 327-333.	2.3	40
35	Smooth muscle relaxant effect of kaurenoic acid, a diterpene from <i>Copaifera langsdorfi</i> on rat uterus in vitro. <i>Phytotherapy Research</i> , 2003, 17, 320-324.	2.8	39
36	Mast cell involvement in the rat paw oedema response to 1,8-cineole, the main constituent of eucalyptus and rosemary oils. <i>European Journal of Pharmacology</i> , 1997, 331, 253-258.	1.7	36

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37	Cardiovascular effects of trans-dehydrocrotonin, a diterpene from <i>Croton cajucara</i> in rats. <i>Vascular Pharmacology</i> , 2005, 43, 11-18.	1.0	35
38	A Study of the Anti-pyretic Effect of Quinine, an Alkaloid Effective Against Cerebral Malaria, on Fever Induced by Bacterial Endotoxin and Yeast in Rats. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 225-229.	1.2	35
39	Ferulic acid lowers body weight and visceral fat accumulation via modulation of enzymatic, hormonal and inflammatory changes in a mouse model of high-fat diet-induced obesity. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e5630.	0.7	35
40	Peripheral antinociceptive action of mangiferin in mouse models of experimental pain: Role of endogenous opioids, KATP-channels and adenosine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 110, 19-26.	1.3	34
41	Dragon's blood from <i>Croton urucurana</i> (Baill.) attenuates visceral nociception in mice. <i>Journal of Ethnopharmacology</i> , 2007, 113, 357-360.	2.0	32
42	Guarana ( <i>Paullinia cupana</i> Mart.) offers protection against gastric lesions induced by ethanol and indomethacin in rats. <i>Phytotherapy Research</i> , 2003, 17, 1199-1202.	2.8	31
43	Gastroprotective effect of (-)-myrtenol against ethanol-induced acute gastric lesions: possible mechanisms. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1085-1092.	1.2	30
44	Blood glucose- and triglyceride-lowering effect of trans -dehydrocrotonin, a diterpene from <i>Croton cajucara</i> Benth., in rats. <i>Diabetes, Obesity and Metabolism</i> , 2001, 3, 452-456.	2.2	28
45	Cashew apple fiber prevents high fat diet-induced obesity in mice: an NMR metabolomic evaluation. <i>Food and Function</i> , 2019, 10, 1671-1683.	2.1	28
46	Î±, Î²-Amyrin, a pentacyclic triterpenoid from <i>Protium heptaphyllum</i> suppresses adipocyte differentiation accompanied by down regulation of PPARÎ³ and C/EBPÎ± in 3T3-L1 cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1860-1866.	2.5	28
47	Effects of nitric oxide synthase inhibitors and melatonin on the hyperglycemic response to streptozotocin in rats. <i>Vascular Pharmacology</i> , 2002, 38, 127-130.	1.0	27
48	Attenuation of Visceral Nociception by Î±- and Î²-Amyrin, a Triterpenoid Mixture Isolated from the Resin of <i>Protium heptaphyllum</i> , in Mice. <i>Planta Medica</i> , 2006, 72, 34-39.	0.7	27
49	Gastroprotective effect of barbatusin and 3-beta-hydroxy-3-deoxibarbatusin, quinonoid diterpenes isolated from <i>Plectranthus grandis</i> , in ethanol-induced gastric lesions in mice. <i>Journal of Ethnopharmacology</i> , 2010, 127, 725-730.	2.0	27
50	Pro-erectile effects of an alkaloidal rich fraction from <i>Aspidosperma ulei</i> root bark in mice. <i>Journal of Ethnopharmacology</i> , 2006, 104, 240-244.	2.0	25
51	Gastroprotective effect of lupeol on ethanol-induced gastric damage and the underlying mechanism. <i>Inflammopharmacology</i> , 2009, 17, 221-228.	1.9	25
52	Nitro-imidazole-based ruthenium complexes with antioxidant and anti-inflammatory activities. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 111048.	1.5	25
53	Effect of <i>trans</i> -Dehydrocrotonin, a 19-Nor-Clerodane Diterpene from <i>Croton cajucara</i> on Experimental Hypertriglyceridaemia and Hypercholesterolaemia Induced by Triton WR 1339 (Tyloxapol) in Mice. <i>Planta Medica</i> , 2001, 67, 763-765.	0.7	24
54	Ketamine-Induced Potentiation of Morphine Analgesia in Rat Tail-Flick Test: Role of Opioid-, .ALPHA.2-Adrenoceptors and ATP-Sensitive Potassium Channels. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 86-89.	0.6	24

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55	Possible role of mast cells in cineole-induced scratching behavior in mice. Food and Chemical Toxicology, 2002, 40, 1453-1457.	1.8	22
56	Topically Applied Diterpenoids from <i>Egletes viscosa</i> (Asteraceae) Attenuate the Dermal Inflammation in Mouse Ear Induced by Tetradecanoylphorbol 13-Acetate- and Oxazolone. Biological and Pharmaceutical Bulletin, 2008, 31, 1511-1516.	0.6	22
57	The lipid-lowering effect of trans-dehydrocrotonin, a clerodane diterpene from <i>Croton cajucara</i> Benth. in mice fed on high-fat diet. Journal of Pharmacy and Pharmacology, 2010, 53, 535-539.	1.2	22
58	Antinociceptive, anticonvulsant and antibacterial effects of the essential oil from the flower heads of <i>Egletes viscosa</i> L. Phytotherapy Research, 1998, 12, 28-31.	2.8	21
59	Gastroprotective Mechanisms of Centipedic Acid, a Natural Diterpene from <i>Egletes viscosa</i> LESS.. Biological and Pharmaceutical Bulletin, 2008, 31, 1351-1355.	0.6	20
60	( $\hat{\alpha}$ )-Myrtenol accelerates healing of acetic acid-induced gastric ulcers in rats and in human gastric adenocarcinoma cells. European Journal of Pharmacology, 2019, 854, 139-148.	1.7	20
61	Mangiferin ameliorates the intestinal inflammatory response and the impaired gastrointestinal motility in mouse model of postoperative ileus. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 531-538.	1.4	19
62	Modulation of acute visceral nociception and bladder inflammation by plant triterpene, $\hat{1}\pm$ , $\hat{1}^2$ -amyrin in a mouse model of cystitis: role of tachykinin NK1-receptors, and K <sup>+</sup> ATP channels. Inflammation Research, 2007, 56, 487-494.	1.6	18
63	The Leaf Essential Oil of <i>Psidium guyanensis</i> Offers Protection Against Pentylene-tetrazole-Induced Seizures. Planta Medica, 1997, 63, 133-135.	0.7	17
64	Antibacterial activity of essential oils from <i>Psidium</i> and <i>Pilocarpus</i> species of plants. , 1997, 11, 67-69.		17
65	The Resin from <i>Protium heptaphyllum</i> Prevents High-Fat Diet-Induced Obesity in Mice: Scientific Evidence and Potential Mechanisms. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	0.5	17
66	Mangiferin, a natural xanthone, accelerates gastrointestinal transit in mice involving cholinergic mechanism. World Journal of Gastroenterology, 2012, 18, 3207-14.	1.4	17
67	Inflammatory edema induced by 1,8-cineole in the hindpaw of rats: a model for screening antiallergic and anti-inflammatory compounds. Phytomedicine, 1998, 5, 115-119.	2.3	15
68	Amyrins from <i>Protium heptaphyllum</i> Reduce High-Fat Diet-Induced Obesity in Mice via Modulation of Enzymatic, Hormonal And Inflammatory Responses. Planta Medica, 2017, 83, 285-291.	0.7	15
69	Quinine-induced inhibition of gastrointestinal transit in mice: possible involvement of endogenous opioids. European Journal of Pharmacology, 1999, 364, 193-197.	1.7	14
70	Gastroprotective effect of <i>Byrsonima sericea</i> DC leaf extract against ethanol-induced gastric injury and its possible mechanisms of action. Anais Da Academia Brasileira De Ciencias, 2012, 84, 113-122.	0.3	14
71	Naloxone-resistant antinociceptive activity in the essential oil of <i>Psidium pohlium</i> Berg. Phytomedicine, 1996, 3, 197-201.	2.3	12
72	The Wound Healing Property of N-Methyl-(2S,4R)-trans-4-Hydroxy-L-Proline from <i>Sideroxylon obtusifolium</i> is Related to its Anti-Inflammatory and Antioxidant Actions. Journal of Evidence-based Integrative Medicine, 2019, 24, 2515690X1986516.	1.4	12

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73	Studies on the Neuropharmacological Effects of <i>Psidium guyanensis</i> and <i>Psidium pohlium</i> Essential Oils. <i>Phytotherapy Research</i> , 1996, 10, 655-658.	2.8	11
74	Experimental evaluation of <i>Myracrodruon urundeuva</i> bark extract for antidiarrhoeal activity. <i>Phytotherapy Research</i> , 1998, 12, 549-552.	2.8	10
75	Increased Oxidative Stress in Gastric Cancer Patients and Their First-Degree Relatives: A Prospective Study from Northeastern Brazil. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	10
76	Effects of human placental extract on chemical and thermal nociception in mice. <i>European Journal of Pain</i> , 2000, 4, 403-408.	1.4	9
77	12-Acetoxyhawtriwaic Acid Lactone, a Diterpene from <i>Egletes viscosa</i> , Attenuates Capsaicin-Induced Ear Edema and Hindpaw Nociception in Mice: Possible Mechanisms. <i>Planta Medica</i> , 2006, 72, 584-589.	0.7	9
78	Relaxant effects of an alkaloid-rich fraction from <i>Aspidosperma ulei</i> root bark on isolated rabbit corpus cavernosum. <i>International Journal of Impotence Research</i> , 2008, 20, 255-263.	1.0	9
79	Effects of acute and repeated dose administration of caffeine and pentoxifylline on diazepam-induced mouse behavior in the hole-board test. <i>Psychopharmacology</i> , 1999, 144, 61-66.	1.5	8
80	Gastroprotective effect of a flavone from <i>Lonchocarpus araripensis</i> Benth. (Leguminosae) and the possible mechanism. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 391-397.	1.2	8
81	The impact of lung cancer resection surgery on fibrinogen and C-reactive protein and their relationship with patients outcomes: A prospective follow up study. <i>Cancer Biomarkers</i> , 2016, 16, 47-53.	0.8	8
82	Influence of low molecular weight compounds associated to cashew ( <i>Anacardium occidentale</i> L.) fiber on lipid metabolism, glycemia and insulinemia of normal mice. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018, 13, 1-6.	1.5	8
83	Pollutants and nutrition: Are methylmercury effects on blood pressure and lipoprotein profile comparable to high-fat diet in mice?. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111036.	2.9	8
84	Gastrointestinal effects of standardized Brazilian phytomedicine (Arthur de Carvalho Drops <sup>®</sup> ) containing <i>Matricaria recutita</i> , <i>Gentiana lutea</i> and <i>Foeniculum vulgare</i> . <i>Pathophysiology</i> , 2019, 26, 349-359.	1.0	7
85	Î±,Î²-Amyrin prevents steatosis and insulin resistance in a high-fat diet-induced mouse model of NAFLD via the AMPK-mTORC1-SREBP1 signaling mechanism. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e11391.	0.7	7
86	Relaxant effect and possible mechanism of 17-nor-subincanadine E in rabbit corpora cavernosa. <i>Asian Journal of Andrology</i> , 2011, 13, 747-753.	0.8	7
87	Methylmercury chronic exposure affects the expression of DNA single-strand break repair genes, induces oxidative stress, and chromosomal abnormalities in young dyslipidemic APOE knockout mice. <i>Toxicology</i> , 2021, 464, 152992.	2.0	7
88	Gastroprotective effect of <i>Byrsonima sericea</i> DC leaf extract against ethanol-induced gastric injury and its possible mechanisms of action. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 113-122.	0.3	7
89	Oral methylmercury intoxication aggravates cardiovascular risk factors and accelerates atherosclerosis lesion development in ApoE knockout and C57BL/6 mice. <i>Toxicological Research</i> , 2021, 37, 311-321.	1.1	6
90	Composition and Antinociceptive Activity of the Essential Oil from <i>Protium Heptaphyllum</i> Resin. <i>Natural Product Communications</i> , 2007, 2, 1934578X0700201.	0.2	5

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91	Anti-inflammatory diterpenoids from the Brazilian alga <i>Dictyota menstrualis</i> . <i>Algal Research</i> , 2019, 44, 101695.	2.4	4
92	<i>Hyptis suaveolens</i> (L.) Poit protects colon from TNBS-induced inflammation via immunomodulatory, antioxidant and anti-proliferative mechanisms. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113153.	2.0	4
93	Pro-inflammatory activity of <i>Astronium fraxinifolium</i> Schott on Lipopolysaccharide-stimulated RAW 264.7 cells. <i>Journal of Applied Pharmaceutical Science</i> , 2019, 9, 30-36.	0.7	4
94	Inhibitory effect of proteinase K against dermatophyte biofilms: an alternative for increasing the antifungal effects of terbinafine and griseofulvin. <i>Biofouling</i> , 2022, 38, 286-297.	0.8	4
95	Acute blockade of endogenous melatonin by Luzindole, with or without peripheral LPS injection, induces jejunal inflammation and morphological alterations in Swiss mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e11215.	0.7	3
96	The Alpha, Beta-Amyrin from <i>Protium Heptaphyllum</i> Exerts Antiobese-Related Effects in Mice Fed on High Fat Diet. <i>Planta Medica</i> , 2013, 79, .	0.7	3
97	The triterpenoid alpha, beta-amyrin prevents the impaired aortic vascular reactivity in high-fat diet-induced obese mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1029-1039.	1.4	2
98	<i>Astronium fraxinifolium</i> Schott Exerts Leishmanicidal Activity by Providing a Classically Polarized Profile in Infected Macrophages. <i>Acta Parasitologica</i> , 2020, 65, 686-695.	0.4	2
99	Anti-Inflammatory Meroterpenoids of <i>Cordia glazioviana</i> (Boraginaceae). <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
100	Vitamin E Ameliorates High Dose trans-Dehydrocrotonin-Associated Hepatic Damage in Mice. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.2	0
101	Effect of methylmercury intoxication on blood pressure and lipid profile in mice fed with high fat diet. <i>Clinical Nutrition</i> , 2018, 37, S99-S100.	2.3	0
102	Alpha, beta-Amyrin Ameliorates Glucose Uptake in Palmitate-Induced Insulin Resistance in C2C12 Cell. <i>FASEB Journal</i> , 2019, 33, 514.13.	0.2	0
103	Antioxidant Activity of Ruthenium Complexes Containing Nitroimidazole Derivatives. <i>FASEB Journal</i> , 2019, 33, 670.18.	0.2	0