

# Rivelilson Freitas

## List of Publications by Year in descending order

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111  
papers

3,076  
citations

147566

31  
h-index

189595

50  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress in the hippocampus after pilocarpine-induced status epilepticus in Wistar rats. <i>FEBS Journal</i> , 2005, 272, 1307-1312.	2.2	191
2	The systems containing clays and clay minerals from modified drug release: A review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 642-651.	2.5	170
3	Phytol, a diterpene alcohol, inhibits the inflammatory response by reducing cytokine production and oxidative stress. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 455-464.	1.0	161
4	Phytol, a Diterpene Alcohol from Chlorophyll, as a Drug against Neglected Tropical Disease Schistosomiasis Mansoni. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2617.	1.3	149
5	Evaluation of acute toxicity of a natural compound (+)-limonene epoxide and its anxiolytic-like action. <i>Brain Research</i> , 2012, 1448, 56-62.	1.1	99
6	Oxidative Stress in The Hippocampus During Experimental Seizures Can Be Ameliorated With The Antioxidant Ascorbic Acid. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 214-221.	1.9	96
7	Neuroprotective actions of vitamin C related to decreased lipid peroxidation and increased catalase activity in adult rats after pilocarpine-induced seizures. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 89, 1-5.	1.3	93
8	Antioxidant Effects of Nerolidol in Mice Hippocampus After Open Field Test. <i>Neurochemical Research</i> , 2013, 38, 1861-1870.	1.6	79
9	Anxiolytic-like effects of phytol: Possible involvement of GABAergic transmission. <i>Brain Research</i> , 2014, 1547, 34-42.	1.1	72
10	Neuroprotective effects of caffeine in the model of 6-hydroxydopamine lesion in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 415-419.	1.3	69
11	Potential antioxidant and anxiolytic effects of (+)-limonene epoxide in mice after marble-burying test. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 118, 69-78.	1.3	69
12	Phytol in a pharma-medico-stance. <i>Chemico-Biological Interactions</i> , 2015, 240, 60-73.	1.7	68
13	Evaluation of the anti-inflammatory and antinociceptive effects of myrtenol, a plant-derived monoterpene alcohol, in mice. <i>Flavour and Fragrance Journal</i> , 2014, 29, 184-192.	1.2	66
14	Effects of lipoic acid on oxidative stress in rat striatum after pilocarpine-induced seizures. <i>Neurochemistry International</i> , 2010, 56, 16-20.	1.9	63
15	Antischistosomal Activity of the Terpene Nerolidol. <i>Molecules</i> , 2014, 19, 3793-3803.	1.7	53
16	Anxiolytic-like effects and mechanism of (âˆš)-myrtenol: A monoterpene alcohol. <i>Neuroscience Letters</i> , 2014, 579, 119-124.	1.0	51
17	Anthelmintic activity of carvacryl acetate against <i>Schistosoma mansoni</i> . <i>Parasitology Research</i> , 2013, 112, 603-610.	0.6	47
18	Acute Seizure Activity Promotes Lipid Peroxidation, Increased Nitrite Levels and Adaptive Pathways Against Oxidative Stress in the Frontal Cortex and Striatum. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 130-137.	1.9	45

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19	Antioxidant activity of <i>Citrus limon</i> essential oil in mouse hippocampus. <i>Pharmaceutical Biology</i> , 2011, 49, 709-715.	1.3	44
20	Carvacryl acetate, a derivative of carvacrol, reduces nociceptive and inflammatory response in mice. <i>Life Sciences</i> , 2014, 94, 58-66.	2.0	44
21	Diminazene aceturate – An antiparasitic drug of antiquity: <i>Advances in pharmacology &amp; therapeutics</i> . <i>Pharmacological Research</i> , 2015, 102, 138-157.	3.1	43
22	Anxiolytic-like effects of carvacryl acetate, a derivative of carvacrol, in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 112, 42-48.	1.3	42
23	Oxidative stress in rat hippocampus caused by pilocarpine-induced seizures is reversed by buspirone. <i>Brain Research Bulletin</i> , 2010, 81, 505-509.	1.4	41
24	Inhibitory action of antioxidants (ascorbic acid or $\alpha$ -tocopherol) on seizures and brain damage induced by pilocarpine in rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 355-361.	0.3	40
25	Garcinielliptone FC: Antiparasitic activity without cytotoxicity to mammalian cells. <i>Toxicology in Vitro</i> , 2015, 29, 681-687.	1.1	39
26	Structural parameters, molecular properties, and biological evaluation of some terpenes targeting <i>Schistosoma mansoni</i> parasite. <i>Chemico-Biological Interactions</i> , 2016, 244, 129-139.	1.7	39
27	Cyclohexene-fused 1,3-oxazines with selective antibacterial and antiparasitic action and low cytotoxic effects. <i>Toxicology in Vitro</i> , 2017, 44, 273-279.	1.1	39
28	Oxidative stress in rat striatum after pilocarpine-induced seizures is diminished by alpha-tocopherol. <i>European Journal of Pharmacology</i> , 2011, 668, 65-71.	1.7	37
29	Evaluation of possible antioxidant and anticonvulsant effects of the ethyl acetate fraction from <i>Platonia insignis</i> Mart. (Bacuri) on epilepsy models. <i>Epilepsy and Behavior</i> , 2011, 22, 678-684.	0.9	32
30	Anticonvulsant and Antioxidant Effects of Cyano-carvone and Its Action on Acetylcholinesterase Activity in Mice Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 633-640.	1.7	32
31	Neurochemical changes on oxidative stress in rat hippocampus during acute phase of pilocarpine-induced seizures. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 94, 341-345.	1.3	31
32	Lipoic Acid Alters $\alpha$ -Aminolevulinic Dehydratase, Glutathione Peroxidase and Na <sup>+</sup> ,K <sup>+</sup> -ATPase Activities and Glutathione-Reduced Levels in Rat Hippocampus After Pilocarpine-Induced Seizures. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 381-387.	1.7	28
33	Isolation, characterization and evaluation of antimicrobial and cytotoxic activity of estragole, obtained from the essential oil of <i>croton zehntneri</i> (euphorbiaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 173-182.	0.3	25
34	Anxiolytic Properties of New Chemical Entity, 5TIO1. <i>Neurochemical Research</i> , 2013, 38, 726-731.	1.6	24
35	Physio-pharmacological Investigations About the Anti-inflammatory and Antinociceptive Efficacy of (+)-Limonene Epoxide. <i>Inflammation</i> , 2017, 40, 511-522.	1.7	24
36	Modifications in muscarinic, dopaminergic and serotonergic receptors concentrations in the hippocampus and striatum of epileptic rats. <i>Life Sciences</i> , 2005, 78, 253-258.	2.0	23

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37	Evaluation of central nervous system effects of iso-6-cassine isolated from <i>Senna spectabilis</i> var. <i>excelsa</i> (Schrad) in mice. <i>FÁ-toterapÁ-Áç</i> , 2011, 82, 255-259.	1.1	23
38	Evidence for the Involvement of Spinal Cord-Inhibitory and Cytokines-Modulatory Mechanisms in the Anti-Hyperalgesic Effect of Hecogenin Acetate, a Steroidal Sapogenin-Acetylated, in Mice. <i>Molecules</i> , 2014, 19, 8303-8316.	1.7	23
39	PreparaÃ§Ã£o e caracterizaÃ§Ã£o do complexo de inclusÃ£o do Ãleo essencial de <i>Croton zehntneri</i> com $\beta$ -ciclodextrina. <i>Química Nova</i> , 2014, 37, 50-55.	0.3	23
40	Behavioral tests and oxidative stress evaluation in mitochondria isolated from the brain and liver of mice treated with riparin A. <i>Life Sciences</i> , 2015, 121, 57-64.	2.0	21
41	Antioxidant effect of nimodipine in young rats after pilocarpine-induced seizures. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 11-16.	1.3	20
42	Development and evaluation of liposomal formulation containing nimodipine on anxiolytic activity in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 116, 64-68.	1.3	20
43	Riparin A, a compound from <i>Aniba riparia</i> , attenuate the inflammatory response by modulation of neutrophil migration. <i>Chemico-Biological Interactions</i> , 2015, 229, 55-63.	1.7	20
44	In Vitro Antioxidant and Cytotoxic Activity of Some Synthetic Riparin-Derived Compounds. <i>Molecules</i> , 2014, 19, 4595-4607.	1.7	19
45	Anticonvulsant and behavioral effects observed in mice following treatment with an ester derivative of ferulic acid: Isopentyl ferulate. <i>Chemico-Biological Interactions</i> , 2015, 242, 273-279.	1.7	19
46	Neuropharmacological effects of carvacryl acetate on $\hat{\gamma}$ -aminolevulinic dehydratase, Na <sup>+</sup> , K <sup>+</sup> -ATPase activities and amino acids levels in mice hippocampus after seizures. <i>Chemico-Biological Interactions</i> , 2015, 226, 49-57.	1.7	19
47	Pre-clinical toxicology of garcinielliptone FC, a tautomeric pair of polyprenylated benzophenone, isolated from <i>Platonia insignis</i> Mart seeds. <i>Phytomedicine</i> , 2016, 23, 477-482.	2.3	19
48	Phytochemical Profile and Qualification of Biological Activity of an Isolated Fraction of <i>Bellis perennis</i> . <i>Biological Research</i> , 2013, 46, 231-238.	1.5	18
49	Is There a Correlation Between In Vitro Antioxidant Potential and In Vivo Effect of Carvacryl Acetate Against Oxidative Stress in Mice Hippocampus?. <i>Neurochemical Research</i> , 2014, 39, 758-769.	1.6	18
50	Acute toxicity and anticonvulsant activity of liposomes containing nimodipine on pilocarpine-induced seizures in mice. <i>Neuroscience Letters</i> , 2015, 585, 38-42.	1.0	18
51	Evaluation of the neuropharmacological properties of nerol in mice. <i>World Journal of Neuroscience</i> , 2013, 03, 32-38.	0.1	18
52	Farnesol: antinociceptive effect and histopathological analysis of the striatum and hippocampus of mice. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 419-426.	1.0	17
53	In vitro antioxidant, antitumor and leishmanicidal activity of riparin A, an analog of the Amazon alkalamides from <i>Aniba riparia</i> (Lauraceae). <i>Acta Amazonica</i> , 2016, 46, 309-314.	0.3	17
54	Expression of muscarinic and dopaminergic receptors and monoamine levels frontal cortex of epileptic rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 83, 302-306.	1.3	16

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55	Lipoic Acid Increases Hippocampal Choline Acetyltransferase and Acetylcholinesterase Activities and Improvement Memory in Epileptic Rats. <i>Neurochemical Research</i> , 2010, 35, 162-170.	1.6	16
56	Effects of ubiquinone on hydroperoxide concentration and antioxidant enzymatic activities in the rat hippocampus during pilocarpine-induced seizures. <i>Brain Research</i> , 2010, 1315, 33-40.	1.1	16
57	Behavioral and neurochemical studies in mice pretreated with garcinielliptone FC in pilocarpine-induced seizures. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 305-310.	1.3	16
58	Spectroscopic studies on the in vitro antioxidant capacity of isopentyl ferulate. <i>Chemico-Biological Interactions</i> , 2015, 225, 47-53.	1.7	16
59	Alterations on monoamines concentration in rat hippocampus produced by lipoic acid. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 362-366.	0.3	15
60	Neuronal damage and memory deficits after seizures are reversed by ascorbic acid?. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 579-585.	0.3	15
61	Caffeic acid effects on oxidative stress in rat hippocampus after pilocarpine-induced seizures. <i>Neurological Sciences</i> , 2011, 32, 375-380.	0.9	15
62	Lipoic acid blocks seizures induced by pilocarpine via increases in $\hat{\Gamma}$ -aminolevulinic dehydratase and Na <sup>+</sup> , K <sup>+</sup> -ATPase activity in rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 88-91.	1.3	14
63	Lipoic acid inhibits caspase-dependent and -independent cell death pathways and is neuroprotective against hippocampal damage after pilocarpine-induced seizures. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 97, 531-536.	1.3	14
64	<i>Mikania glomerata</i> : Phytochemical, Pharmacological, and Neurochemical Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	0.5	14
65	Riparin B, a Synthetic Compound Analogue of Riparin, Inhibits the Systemic Inflammatory Response and Oxidative Stress in Mice. <i>Inflammation</i> , 2015, 38, 2203-2215.	1.7	14
66	HFE gene mutation and oxidative damage biomarkers in patients with myelodysplastic syndromes and its relation to transfusional iron overload: an observational cross-sectional study. <i>BMJ Open</i> , 2015, 5, e006048-e006048.	0.8	14
67	Lipoic acid increases glutathione peroxidase, Na <sup>+</sup> , K <sup>+</sup> -ATPase and acetylcholinesterase activities in rat hippocampus after pilocarpine-induced seizures?. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 586-591.	0.3	13
68	Anticonvulsant effects of acute treatment with cyane-carvone at repeated oral doses in epilepsy models. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 421-424.	1.3	13
69	Counteracting effects on free radicals and histological alterations induced by a fraction with casearins. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1791-1807.	0.3	13
70	In vivo evaluation of anticonvulsant and antioxidant effects of phenobarbital microemulsion for transdermal administration in pilocarpine seizure rat model. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 131, 6-12.	1.3	12
71	Protective effects of N-acetylserotonin against 6-hydroxydopamine-induced neurotoxicity. <i>Life Sciences</i> , 2005, 76, 2193-2202.	2.0	11
72	Pilocarpine-Induced Seizures Produce Alterations on Choline Acetyltransferase and Acetylcholinesterase Activities and Deficit Memory in Rats. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 569-575.	1.7	11

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73	In vitro evaluation of antioxidant, anxiolytic and antidepressant-like effects of the <i>Bellis perennis</i> extract. <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 1044-1052.	0.6	11
74	Antioxidant mechanisms of iso-6-cassine in suppressing seizures induced by pilocarpine. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 437-443.	0.6	10
75	Lipoic acid effects on glutamate and taurine concentrations in rat hippocampus after pilocarpine-induced seizures. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 360-364.	0.3	10
76	Evaluation of central nervous system effects of Citrus limon essential oil in mice. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 668-673.	0.6	10
77	Phytol a Natural Diterpenoid with Pharmacological Applications on Central Nervous System: A Review. <i>Recent Patents on Biotechnology</i> , 2015, 8, 194-205.	0.4	10
78	The Essential Oil of <i>Porophyllum ruderale</i> Cass (Asteraceae). <i>Journal of Essential Oil Research</i> , 2002, 14, 14-15.	1.3	9
79	Evaluation of the concentration of malondialdehyde and nitrite in patients with sickle cell anemia treated or not with hydroxyurea. <i>Einstein (Sao Paulo, Brazil)</i> , 2010, 8, 414-418.	0.3	9
80	Evaluation of antioxidant potential of novel CaAl and NiAl layered double hydroxides loaded with olanzapine. <i>Life Sciences</i> , 2018, 207, 246-252.	2.0	9
81	The Root Oil of <i>Philodendron imbe</i> Schott (Araceae). <i>Journal of Essential Oil Research</i> , 2002, 14, 56-57.	1.3	8
82	Analysis of possible food/nutrient and drug interactions in hospitalized patients. <i>Einstein (Sao Paulo)</i> , 2010, 8, 414-418.	0.3	8
83	Chemical composition and anxiolytic-like effects of the <i>Bauhinia platypetala</i> . <i>Revista Brasileira De Farmacognosia</i> , 2012, 22, 507-516.	0.6	8
84	Pharmacological investigations of organic crude fractions of <i>Dysophylla auricularia</i> . <i>Oriental Pharmacy and Experimental Medicine</i> , 2015, 15, 207-215.	1.2	8
85	Evaluation of effects of dichloromethane fraction from <i>Platonia insignis</i> on pilocarpine-induced seizures. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 1104-1110.	0.6	7
86	Evaluation of the antioxidant effects in vitro of the isopulegone. <i>Free Radicals and Antioxidants</i> , 2012, 2, 50-55.	0.2	6
87	Atividade anticolinesterásica e perfil químico de uma fração cromatográfica ativa do extrato etanólico das flores <i>Bellis perennis</i> L. (Asteraceae). <i>Química Nova</i> , 2013, 36, 549-553.	0.3	6
88	Neuropharmacological effects of lipoic acid and ubiquinone on $\text{Ca}^{2+}$ -aminolevulinic dehydratase, $\text{Na}^{+}$ , $\text{K}^{+}$ -ATPase, and $\text{Mg}^{2+}$ -ATPase activities in rat hippocampus after pilocarpine-induced seizures. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 211-216.	1.0	5
89	Cyane-carvone, a Synthetic Derivative of Carvone, Inhibits Inflammatory Response by Reducing Cytokine Production and Oxidative Stress and Shows Antinociceptive Effect in Mice. <i>Inflammation</i> , 2014, 37, 966-77.	1.7	5
90	In Vitro Effects of Arylhydrocoumarin on Free Radicals and Oxidative Stress in Erythrocytes and <i>Saccharomyces cerevisiae</i> . <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 1069-1082.	0.9	5

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91	Lipoic acid alters amino acid neurotransmitters content in rat hippocampus after pilocarpine-induced seizures. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 485-492.	1.0	4
92	Effects of isopentyl ferulate on oxidative stress biomarkers and a possible GABAergic anxiolytic-like trait in Swiss mice. <i>Chemico-Biological Interactions</i> , 2018, 289, 119-128.	1.7	4
93	Composição química e atividade anticolinérgica de uma fração ativa do extrato de folhas de <i>Citrus limon</i> (L.) Burm. <i>Química Nova</i> , 2013, 36, 1375-1379.	0.3	4
94	Vigabatrina aumenta atividade da superóxido dismutase no corpo estriado de ratos após crises convulsivas induzidas pela pilocarpina. <i>Revista De Psiquiatria Clínica</i> , 2010, 37, 36-40.	0.6	3
95	Ensaio pré-clínicos em ratos tratados com 1,3-diesteril-2-oleil-glicerol, constituinte isolado de <i>Platonia insignis</i> . <i>ConScientiae Saúde</i> , 2015, 14, 555-567.	0.1	3
96	Anxiolytic- and antidepressant-like effects of the ethanolic extract from <i>Citrus limon</i> plant widely used in Northeastern Brazil. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 2006-2010.	0.2	3
97	Lipoic acid effects on monoaminergic system after pilocarpine-induced seizures. <i>Neuroscience Letters</i> , 2010, 477, 129-133.	1.0	2
98	Efeito antioxidante da buspirona no modelo de epilepsia induzida por pilocarpina. <i>Revista De Psiquiatria Clínica</i> , 2012, 39, 153-156.	0.6	2
99	Anxiolytic- and antidepressant-like effects of the ethanolic extract from <i>Citrus limon</i> plant widely used in Northeastern Brazil. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 2173-2179.	0.2	2
100	In vitro antimicrobial and brine shrimp lethality of <i>Allophylus cobbe</i> L.. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2012, 33, 299.	0.3	2
101	Identification and analysis of antinutritional factors in possible interactions between medications and food/nutrients in hospitalized patients. <i>Einstein (Sao Paulo, Brazil)</i> , 2011, 9, 319-325.	0.3	1
102	Neuropharmacological effects of lipoic acid and ubiquinone on the mRNA level of interleukin-1 $\beta$ and acetylcholinesterase activity in rat hippocampus after seizures. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 354-361.	1.0	1
103	Sistemas de Neurotransmissão Envolvidos no Modelo de Epilepsia. <i>Revista Neurociencias</i> , 2011, 19, 128-138.	0.0	1
104	Development and Validation of a New Method to Quantify Pilocarpine in Tablets by HPLC-DAD. <i>Current Pharmaceutical Analysis</i> , 2016, 12, 315-324.	0.3	1
105	Estudos histopatológicos dos efeitos do ácido lipídico nas convulsões induzidas pela pilocarpina. <i>Revista Neurociencias</i> , 2010, 18, 308-313.	0.0	0
106	Quantificação de Corpos de Neurônios em Camundongos Submetidos ao Uso de Esteróides Anabolizantes. <i>Revista Neurociencias</i> , 2012, 20, 11-12.	0.0	0
107	Influência do Número de Animais por gaiola sobre o Nível de Ansiedade em Camundongos. <i>Revista Neurociencias</i> , 2011, 19, 581-582.	0.0	0
108	Perfil da utilização de drogas ilícitas e legais por universitários de uma instituição privada. <i>SMAD Revista Eletrônica Saúde Mental Álcool E Drogas (Edição Em Português)</i> , 2012, 8, 118.	0.0	0

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109	Determinação dos níveis de malonaldeído e nitrito em indivíduos portadores de traço falciforme. Revista De Ciências Médicas E Biológicas, 2013, 12, 65.	0.0	0
110	Aprendizado e Memória de Trabalho em Camundongos Sob Diferentes Condições de Iluminação “ Editorial. Revista Neurociencias, 2013, 21, 327-328.	0.0	0
111	Investigação laboratorial de pacientes adultos com leishmaniose visceral de um hospital público de Fortaleza, no período de 2007-2008. Revista De Ciências Médicas E Biológicas, 2013, 12, 173.	0.0	0