Rafael Roehrs

List of Publications by Year
in descending order

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51	608	623188	642321
papers	citations	14	23
		h-index	g-index

53	53	53	790
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Facilitation of fear extinction by novelty depends on dopamine acting on D1-subtype dopamine receptors in hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1652-8.	3.3	63
2	Hippocampal noradrenergic activation is necessary for object recognition memory consolidation and can promote BDNF increase and memory persistence. Neurobiology of Learning and Memory, 2016, 127, 84-92.	1.0	56
3	Genotoxicity, recombinogenicity and cellular preneoplasic transformation induced by Vitamin a supplementation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 539, 117-125.	0.9	46
4	Paraquat exposure-induced Parkinsonâ€™s disease-like symptoms and oxidative stress in Drosophila melanogaster: Neuroprotective effect of Bougainvillea glabra Choisy. Biomedicine and Pharmacotherapy, 2017, 95, 245-251.	2.5	39
5	Bisphenol A exposure is involved in the development of Parkinson like disease in Drosophila melanogaster. Food and Chemical Toxicology, 2020, 137, 111128.	1.8	33
6	Peumus boldus (Boldo) Aqueous Extract Present Better Protective Effect than Boldine Against Manganese-Induced Toxicity in D. melanogaster. Neurochemical Research, 2016, 41, 2699-2707.	1.6	27
7	One-single physical exercise session after object recognition learning promotes memory persistence through hippocampal noradrenergic mechanisms. Behavioural Brain Research, 2017, 329, 120-126.	1.2	26
8	Effects of crude hydroalcoholic extract of Syzygium cumini (L.) Skeels leaves and continuous aerobic training in rats with diabetes induced by a high-fat diet and low doses of streptozotocin. Journal of Ethnopharmacology, 2016, 194, 1012-1021.	2.0	25
9	Design of a compressed air modulator to be used in comprehensive multidimensional gas chromatography and its application in the determination of pesticide residues in grapes. Journal of Chromatography A, 2009, 1216, 3305-3311.	1.8	23
10	Exposure to lutein-loaded nanoparticles attenuates Parkinson's model-induced damage in Drosophila melanogaster: Restoration of dopaminergic and cholinergic system and oxidative stress indicators. Chemico-Biological Interactions, 2021, 340, 109431.	1.7	22
11	Use of Pistia stratiotes for phytoremediation of water resources contaminated by clomazone. Chemosphere, 2019, 227, 299-304.	4.2	21
12	Thimerosal inhibitsDrosophila melanogastertyrosine hydroxylase (DmTyrH) leading to changes in dopamine levels and impaired motor behavior: implications for neurotoxicity. Metallomics, 2019, 11, 362-374.	1.0	21
13	The phytoremediation potential of Plectranthus neochilus on 2,4-dichlorophenoxyacetic acid and the role of antioxidant capacity in herbicide tolerance. Chemosphere, 2017, 188, 231-240.	4.2	19
14	Addition of Saturated and Trans-fatty Acids to the Diet Induces Depressive and Anxiety-like Behaviors in Drosophila melanogaster. Neuroscience, 2020, 443, 164-175.	1.1	15
15	Oxidative stress and decreased dopamine levels induced by imidacloprid exposure cause behavioral changes in a neurodevelopmental disorder model in Drosophila melanogaster. NeuroToxicology, 2021, 85, 79-89.	1.4	15
16	Metodologias Ativas e o ensino de Biologia: desafios e possibilidades no novo Ensino MÃ©dio. Ensino E Pesquisa, 2020, 18, 48-63.	0.1	14
17	Liquid ChromatographicDiode-Array Detection Multiresidue Determination of Rice Herbicides in Drinking and Paddy-Field Water. Journal of AOAC INTERNATIONAL, 2009, 92, 1190-1195.	0.7	13
18	Biodegradation of Herbicide Propanil and Its Subproduct 3,4â€Dichloroaniline in Water. Clean - Soil, Air, Water, 2012, 40, 958-964.	0.7	13

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19	Catecholaminergic hippocampal activation is necessary for object recognition memory persistence induced by one-single physical exercise session. Behavioural Brain Research, 2020, 379, 112356.	1.2	10
20	Ecotoxicological assessment of Uruguay River and affluents pre- and post-pesticidesâ€™ application using Caenorhabditis elegans for biomonitoring. Environmental Science and Pollution Research, 2021, 28, 21730-21741.	2.7	9
21	Continuous liquid feeding: New method to study pesticides toxicity in Drosophila melanogaster. Analytical Biochemistry, 2017, 537, 60-62.	1.1	8
22	Noradrenergic and dopaminergic involvement in novelty modulation of aversive memory generalization of adult rats. Behavioural Brain Research, 2019, 371, 111991.	1.2	8
23	VisÃµes Sobre InclusÃ£o Escolar No Contexto De EducaÃ§Ã£o Especial: PCN X BNCC. Revista EducaÃ§Ã£o E PolÃticas Em Debate, 2019, 8, 158-174.	0.1	8
24	Improvement of non-motor and motor behavioral alterations associated with Parkinson-like disease in Drosophila melanogaster: Comparative effects of treatments with hesperidin and L-dopa. NeuroToxicology, 2022, 89, 174-183.	1.4	8
25	Ilex paraguariensis Attenuates Changes in Mortality, Behavioral and Biochemical Parameters Associated to Methyl Malonate or Malonate Exposure in Drosophila melanogaster. Neurochemical Research, 2019, 44, 2202-2214.	1.6	7
26	Î³-Oryzanol produces an antidepressant-like effect in a chronic unpredictable mild stress model of depression in Drosophila melanogaster. Stress, 2021, 24, 282-293.	0.8	7
27	Phytochemical Analysis, Antioxidant Activity, Antimicrobial Activity, and Cytotoxicity of Chaptalia nutans Leaves. Advances in Pharmacological and Pharmaceutical Sciences, 2020, 2020, 1-15.	0.7	6
28	Toxicological parameters of aqueous residue after using Plectranthus neochilus for 2,4-D phytoremediation. Chemosphere, 2021, 270, 128638.	4.2	6
29	Effect of vitamin A treatment on superoxide dismutase-deficient yeast strains. Archives of Microbiology, 2010, 192, 221-228.	1.0	5
30	Protective effect of gamma-oryzanol against manganese-induced toxicity in Drosophila melanogaster. Environmental Science and Pollution Research, 2021, 28, 17519-17531.	2.7	5
31	Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in Drosophila melanogaster. Developmental Biology, 2021, 475, 80-90.	0.9	5
32	Metodologias ativas e o ensino remoto de biologia: uso de recursos online para aulas sÃncronas e assÃncronas. Research, Society and Development, 2020, 9, e719108465.	0.0	5
33	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. Pharmacologia, 2015, 6, 282-292.	0.3	4
34	FITORREMEDIAÃ‡ÃƒO DOS HERBICIDAS 2,4-DICLOROFENOXIACÃ‰TICO E PROPANIL EM SOLO CULTIVADO POR ERVA CIDREIRA (MELISSA OFFICINALIS). CiÃªncia E Natura, 2016, 39, 91.	0.0	3
35	Chaptalia nutans Polak: Root Extract Has High In Vitro Antioxidant Activity and Low Cytotoxicity In Vivo. Journal of Medicinal Food, 2021, 24, 161-171.	0.8	2
36	Aplicativos mÃ³veis: algumas possibilidades para o ensino de QuÃmica. Research, Society and Development, 2020, 9, e33984955.	0.0	2

#	Article	IF	Citations
37	A review of anatomical, physiological, biological characteristics and uses of Plectranthus neochilus. CiÃªncia E Natura, 0, 42, e12.	0.0	2
38	Protective role of <i>Syzygium cumini</i> leaf extracts against paraquat-induced oxidative stress in superoxide-dismutase-deficient<i> Saccharomyces cerevisiae</i> strains. Acta Scientiarum - Biological Sciences, 0, 41, e47139.	0.3	1
39	Multiresidue Analytical Method for Pesticides in Soybean Extract. Journal of Chromatographic Science, 2021, 59, 305-311.	0.7	1
40	The importance of experimentation in the teaching of sciences to elementary school. Revista Monografias Ambientais, 2017, 15, 1.	0.1	1
41	Ciclo celular: construÃ§Ã£o e validaÃ§Ã£o de uma sequÃªncia didÃ¡tica pela metodologia da engenharia didÃ¡tica. Journal of Biochemistry Education, 2018, 16, 48-70.	0.1	1
42	OUROBOROS: um jogo de tabuleiro para o Ensino de QuÃmica. Revista Insignare Scientia - RIS, 2020, 3, 372-392.	0.1	1
43	Utilizando a HistÃ³ria e a Filosofia da CiÃªncia para contextualizar uma aula de QuÃmica do Ensino MÃ©dio em uma escola pÃºblica do MunicÃpio de Uruguaiana-RS. Research, Society and Development, 2020, 9, .	0.0	1
44	O perfil tecnolÃ³gico do corpo docente em um instituto federal de educaÃ§Ã£o. #Tear: Revista De EducaÃ§Ã£o, CiÃªncia E Tecnologia, 2021, 10, .	0.0	0
45	A neurociÃªncia e as mÃºltiplas representaÃ§Ãµes: possÃveis convergÃªncias para o ensino de ciÃªncias. #Tear: Revista De EducaÃ§Ã£o, CiÃªncia E Tecnologia, 2018, 7, .	0.0	0
46	Google Sala de Aula como ferramenta na formaÃ§Ã£o acadÃªmica profissional de professores dos anos iniciais da rede municipal de Uruguaiana - RS. Revista Insignare Scientia - RIS, 2020, 3, 393-412.	0.1	0
47	OcorrÃªncia de matrÃculas de ingressante autodeclarado com deficiÃªncia na Universidade Federal do Pampa. Research, Society and Development, 2020, 9, e8409108682.	0.0	0
48	AnÃ¡lise da continuidade dos estudos dos concluintes do ensino mÃ©dio das escolas de Uruguaiana. Research, Society and Development, 2020, 9, e8189109217.	0.0	0
49	Quimiguia: desenvolvimento e validaÃ§Ã£o de um aplicativo de apoio ao processo de ensino-aprendizagem de quÃmica no ensino superior. AmazÃ´nia, 2022, 18, 35.	0.0	0
50	ENSINO DE CIÃŠNCIAS ATRAVÃ‰S DA PRÃTICA EXPERIMENTAL FLEXIBILIZADA PARA ALUNO DEFICIENTE VISUAL. Interfaces Da EducaÃ§Ã£o, 2022, 13, .	0.0	0
51	Determination of pesticides in hydroponic water for environmental phytoremediation. CiÃªncia E Natura, 0, 44, e27.	0.0	0