

# Rafael Roehrs

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

608  
citations

623188

14  
h-index

642321

23  
g-index

53  
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53  
docs citations

53  
times ranked

790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of non-motor and motor behavioral alterations associated with Parkinson-like disease in <i>Drosophila melanogaster</i> : Comparative effects of treatments with hesperidin and L-dopa. <i>NeuroToxicology</i> , 2022, 89, 174-183.	1.4	8
2	Quimiguiá: desenvolvimento e validação de um aplicativo de apoio ao processo de ensino-aprendizagem de química no ensino superior. <i>Amazônia</i> , 2022, 18, 35.	0.0	0
3	ENSINO DE CIÊNCIAS ATRAVÉS DA PRÁTICA EXPERIMENTAL FLEXIBILIZADA PARA ALUNO DEFICIENTE VISUAL. <i>Interfaces Da Educação</i> , 2022, 13, .	0.0	0
4	<i>Chaptalia nutans</i> Polak: Root Extract Has High In Vitro Antioxidant Activity and Low Cytotoxicity In Vivo. <i>Journal of Medicinal Food</i> , 2021, 24, 161-171.	0.8	2
5	Toxicological parameters of aqueous residue after using <i>Plectranthus neochilus</i> for 2,4-D phytoremediation. <i>Chemosphere</i> , 2021, 270, 128638.	4.2	6
6	β-Oryzanol produces an antidepressant-like effect in a chronic unpredictable mild stress model of depression in <i>Drosophila melanogaster</i> . <i>Stress</i> , 2021, 24, 282-293.	0.8	7
7	Ecotoxicological assessment of Uruguay River and affluents pre- and post-pesticides application using <i>Caenorhabditis elegans</i> for biomonitoring. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21730-21741.	2.7	9
8	Protective effect of gamma-oryzanol against manganese-induced toxicity in <i>Drosophila melanogaster</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 17519-17531.	2.7	5
9	Multiresidue Analytical Method for Pesticides in Soybean Extract. <i>Journal of Chromatographic Science</i> , 2021, 59, 305-311.	0.7	1
10	Exposure to lutein-loaded nanoparticles attenuates Parkinson's model-induced damage in <i>Drosophila melanogaster</i> : Restoration of dopaminergic and cholinergic system and oxidative stress indicators. <i>Chemico-Biological Interactions</i> , 2021, 340, 109431.	1.7	22
11	Iron overload during the embryonic period develops hyperactive like behavior and dysregulation of biogenic amines in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2021, 475, 80-90.	0.9	5
12	O perfil tecnológico do corpo docente em um instituto federal de educação. #Tear: Revista De Educação, Ciência E Tecnologia, 2021, 10, .	0.0	0
13	Oxidative stress and decreased dopamine levels induced by imidacloprid exposure cause behavioral changes in a neurodevelopmental disorder model in <i>Drosophila melanogaster</i> . <i>NeuroToxicology</i> , 2021, 85, 79-89.	1.4	15
14	Catecholaminergic hippocampal activation is necessary for object recognition memory persistence induced by one-single physical exercise session. <i>Behavioural Brain Research</i> , 2020, 379, 112356.	1.2	10
15	Addition of Saturated and Trans-fatty Acids to the Diet Induces Depressive and Anxiety-like Behaviors in <i>Drosophila melanogaster</i> . <i>Neuroscience</i> , 2020, 443, 164-175.	1.1	15
16	Phytochemical Analysis, Antioxidant Activity, Antimicrobial Activity, and Cytotoxicity of <i>Chaptalia nutans</i> Leaves. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2020, 2020, 1-15.	0.7	6
17	Bisphenol A exposure is involved in the development of Parkinson like disease in <i>Drosophila melanogaster</i> . <i>Food and Chemical Toxicology</i> , 2020, 137, 111128.	1.8	33
18	Metodologias Ativas e o ensino de Biologia: desafios e possibilidades no novo Ensino Médio. <i>Ensino E Pesquisa</i> , 2020, 18, 48-63.	0.1	14

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19	Aplicativos m <sup>3</sup> veis: algumas possibilidades para o ensino de Qu <sup>3</sup> mica. Research, Society and Development, 2020, 9, e33984955.	0.0	2
20	Metodologias ativas e o ensino remoto de biologia: uso de recursos online para aulas s <sup>3</sup> ncronas e ass <sup>3</sup> ncronas. Research, Society and Development, 2020, 9, e719108465.	0.0	5
21	Google Sala de Aula como ferramenta na forma <sup>3</sup> o acad <sup>3</sup> mica profissional de professores dos anos iniciais da rede municipal de Uruguaiana - RS. Revista Insignare Scientia - RIS, 2020, 3, 393-412.	0.1	0
22	OUROBOROS: um jogo de tabuleiro para o Ensino de Qu <sup>3</sup> mica. Revista Insignare Scientia - RIS, 2020, 3, 372-392.	0.1	1
23	Utilizando a Hist <sup>3</sup> ria e a Filosofia da Ci <sup>3</sup> ncia para contextualizar uma aula de Qu <sup>3</sup> mica do Ensino M <sup>3</sup> dio em uma escola p <sup>3</sup> blica do Munic <sup>3</sup> pio de Uruguaiana-RS. Research, Society and Development, 2020, 9, .	0.0	1
24	Ocorr <sup>3</sup> ncia de matr <sup>3</sup> culas de ingressante autodeclarado com defici <sup>3</sup> ncia na Universidade Federal do Pampa. Research, Society and Development, 2020, 9, e8409108682.	0.0	0
25	An <sup>3</sup> lise da continuidade dos estudos dos concluintes do ensino m <sup>3</sup> dio das escolas de Uruguaiana. Research, Society and Development, 2020, 9, e8189109217.	0.0	0
26	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
27	Noradrenergic and dopaminergic involvement in novelty modulation of aversive memory generalization of adult rats. Behavioural Brain Research, 2019, 371, 111991.	1.2	8
28	Use of Pistia stratiotes for phytoremediation of water resources contaminated by clomazone. Chemosphere, 2019, 227, 299-304.	4.2	21
29	Thimerosal inhibits Drosophila melanogaster tyrosine hydroxylase (Dm TyrH) leading to changes in dopamine levels and impaired motor behavior: implications for neurotoxicity. Metallomics, 2019, 11, 362-374.	1.0	21
30	Vis <sup>3</sup> es Sobre Inclus <sup>3</sup> o Escolar No Contexto De Educa <sup>3</sup> o Especial: PCN X BNCC. Revista Educa <sup>3</sup> o E Pol <sup>3</sup> ticas Em Debate, 2019, 8, 158-174.	0.1	8
31	A neuroci <sup>3</sup> ncia e as m <sup>3</sup> ltiplas representa <sup>3</sup> es: poss <sup>3</sup> veis converg <sup>3</sup> ncias para o ensino de ci <sup>3</sup> ncias. #Tear: Revista De Educa <sup>3</sup> o, Ci <sup>3</sup> ncia E Tecnologia, 2018, 7, .	0.0	0
32	Ciclo celular: constru <sup>3</sup> o e valida <sup>3</sup> o de uma sequ <sup>3</sup> ncia did <sup>3</sup> tica pela metodologia da engenharia did <sup>3</sup> tica. Journal of Biochemistry Education, 2018, 16, 48-70.	0.1	1
33	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
34	Paraquat exposure-induced Parkinson <sup>3</sup> ms 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
35	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
36	Continuous liquid feeding: New method to study pesticides toxicity in Drosophila melanogaster. Analytical Biochemistry, 2017, 537, 60-62.	1.1	8

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37	The importance of experimentation in the teaching of sciences to elementary school. Revista Monografias Ambientais, 2017, 15, 1.	0.1	1
38	Peumus boldus (Boldo) Aqueous Extract Present Better Protective Effect than Boldine Against Manganese-Induced Toxicity in <i>D. melanogaster</i> . Neurochemical Research, 2016, 41, 2699-2707.	1.6	27
39	Effects of crude hydroalcoholic extract of <i>Syzygium cumini</i> (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
40	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
41	FITORREMEDIAÇÃO DO DOS HERBICIDAS 2,4-DICLOROFENOXIACÉTICO E PROPANIL EM SOLO CULTIVADO POR ERVA CIDREIRA ( <i>MELISSA OFFICINALIS</i> ). Ciência E Natura, 2016, 39, 91.	0.0	3
42	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
43	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. Pharmacologia, 2015, 6, 282-292.	0.3	4
44	Biodegradation of Herbicide Propanil and Its Subproduct 3,4-Dichloroaniline in Water. Clean - Soil, Air, Water, 2012, 40, 958-964.	0.7	13
45	Effect of vitamin A treatment on superoxide dismutase-deficient yeast strains. Archives of Microbiology, 2010, 192, 221-228.	1.0	5
46	Liquid Chromatographic-Diode-Array Detection Multiresidue Determination of Rice Herbicides in Drinking and Paddy-Field Water. Journal of AOAC INTERNATIONAL, 2009, 92, 1190-1195.	0.7	13
47	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
48	Genotoxicity, recombinogenicity and cellular preneoplastic transformation induced by Vitamin a supplementation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 539, 117-125.	0.9	46
49	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
50	A review of anatomical, physiological, biological characteristics and uses of <i>Plectranthus neochilus</i> . Ciência E Natura, 0, 42, e12.	0.0	2
51	Determination of pesticides in hydroponic water for environmental phytoremediation. Ciência E Natura, 0, 44, e27.	0.0	0