

Pãmela B Mello-Carpes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6706133/publications.pdf>

Version: 2024-02-01

102
papers

1,521
citations

430874

18
h-index

377865

34
g-index

102
all docs

102
docs citations

102
times ranked

2070
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender, Race and Parenthood Impact Academic Productivity During the COVID-19 Pandemic: From Survey to Action. <i>Frontiers in Psychology</i> , 2021, 12, 663252.	2.1	152
2	Impact of COVID-19 on academic mothers. <i>Science</i> , 2020, 368, 724-724.	12.6	131
3	The Nucleus of the Solitary Tract and Nucleus Paraventricularis of the CA1 region of dorsal hippocampus pathway is important for consolidation of object recognition memory. <i>Neurobiology of Learning and Memory</i> , 2013, 100, 56-63.	1.9	109
4	Green tea supplementation produces better neuroprotective effects than red and black tea in Alzheimer-like rat model. <i>Food Research International</i> , 2017, 100, 442-448.	6.2	81
5	Environmental enrichment and exercise are better than social enrichment to reduce memory deficits in amyloid beta neurotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2403-E2409.	7.1	72
6	Facilitation of fear extinction by novelty depends on dopamine acting on D1-subtype dopamine receptors in hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1652-8.	7.1	63
7	Hippocampal noradrenergic activation is necessary for object recognition memory consolidation and can promote BDNF increase and memory persistence. <i>Neurobiology of Learning and Memory</i> , 2016, 127, 84-92.	1.9	56
8	Memory deficits and oxidative stress in cerebral ischemia-reperfusion: Neuroprotective role of physical exercise and green tea supplementation. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 242-250.	1.9	53
9	Effect of green tea extract supplementation on exercise-induced delayed onset muscle soreness and muscular damage. <i>Physiology and Behavior</i> , 2018, 194, 77-82.	2.1	41
10	Aluminum Exposure at Human Dietary Levels for 60 Days Reaches a Threshold Sufficient to Promote Memory Impairment in Rats. <i>Neurotoxicity Research</i> , 2017, 31, 20-30.	2.7	33
11	Student assessment of online tools to foster engagement during the COVID-19 quarantine. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 679-683.	1.6	32
12	Effects of green tea and physical exercise on memory impairments associated with aging. <i>Neurochemistry International</i> , 2014, 78, 53-60.	3.8	30
13	Physical exercise prevents short and long-term deficits on aversive and recognition memory and attenuates brain oxidative damage induced by maternal deprivation. <i>Physiology and Behavior</i> , 2015, 152, 99-105.	2.1	28
14	Supplementation with different teas from <i>Camellia sinensis</i> prevents memory deficits and hippocampus oxidative stress in ischemia-reperfusion. <i>Neurochemistry International</i> , 2017, 108, 287-295.	3.8	28
15	Ameliorative effects of egg white hydrolysate on recognition memory impairments associated with chronic exposure to low mercury concentration. <i>Neurochemistry International</i> , 2016, 101, 30-37.	3.8	27
16	Maternal deprivation impairs memory and cognitive flexibility, effect that is avoided by environmental enrichment. <i>Behavioural Brain Research</i> , 2020, 381, 112468.	2.2	27
17	One-single physical exercise session after object recognition learning promotes memory persistence through hippocampal noradrenergic mechanisms. <i>Behavioural Brain Research</i> , 2017, 329, 120-126.	2.2	26
18	Chronic exposure to low mercury chloride concentration induces object recognition and aversive memories deficits in rats. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 468-472.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Evaluation of dysphagia risk, nutritional status and caloric intake in elderly patients with Alzheimer's. <i>Revista Latino-Americana De Enfermagem</i> , 2014, 22, 317-324.	1.0	19
20	The membrane potential puzzle: a new educational game to use in physiology teaching. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 79-83.	1.6	18
21	Physical and cognitive training are able to prevent recognition memory deficits related to amyloid beta neurotoxicity. <i>Behavioural Brain Research</i> , 2019, 365, 190-197.	2.2	18
22	Strength training and running elicit different neuroprotective outcomes in a β -amyloid peptide-mediated Alzheimer's disease model. <i>Physiology and Behavior</i> , 2019, 206, 206-212.	2.1	17
23	The Reversal of Memory Deficits in an Alzheimer's Disease Model Using Physical and Cognitive Exercise. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 152.	2.0	17
24	The use of Facebook as a tool to increase the interest of undergraduate students in physiology in an interdisciplinary way. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 273-276.	1.6	16
25	The inclusion of undergraduate students in physiology outreach activities improves their physiology learning and understanding skills. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 529-532.	1.6	16
26	Short-term green tea supplementation prevents recognition memory deficits and ameliorates hippocampal oxidative stress induced by different stroke models in rats. <i>Brain Research Bulletin</i> , 2017, 131, 78-84.	3.0	16
27	Egg White Hydrolysate as a functional food ingredient to prevent cognitive dysfunction in rats following long-term exposure to aluminum. <i>Scientific Reports</i> , 2019, 9, 1868.	3.3	16
28	Physical exercise prevents motor disorders and striatal oxidative imbalance after cerebral ischemia-reperfusion. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 798-804.	1.5	14
29	Green tea protects against memory deficits related to maternal deprivation. <i>Physiology and Behavior</i> , 2017, 182, 121-127.	2.1	13
30	Home-based vs. laboratory-based practical activities in the learning of human physiology: the perception of students. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 89-93.	1.6	13
31	Green Tea and Red Tea from <i>Camellia sinensis</i> Partially Prevented the Motor Deficits and Striatal Oxidative Damage Induced by Hemorrhagic Stroke in Rats. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	2.2	13
32	Effects of cafeteria diet on memory and hippocampal oxidative stress in a rat model of Alzheimer-like disease: Neuroprotection of green tea supplementation. <i>Journal of Functional Foods</i> , 2018, 49, 277-284.	3.4	13
33	Comparative effect of <i>Camellia sinensis</i> teas on object recognition test deficit and metabolic changes induced by cafeteria diet. <i>Nutritional Neuroscience</i> , 2019, 22, 531-540.	3.1	12
34	Yacon leaf extract supplementation demonstrates neuroprotective effect against memory deficit related to β -amyloid-induced neurotoxicity. <i>Journal of Functional Foods</i> , 2018, 48, 665-675.	3.4	11
35	Synaptic board: an educational game to help the synaptic physiology teaching-learning process. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 50-59.	1.6	11
36	Influence of mental practice and movement observation on motor memory, cognitive function and motor performance in the elderly. <i>Brazilian Journal of Physical Therapy</i> , 2014, 18, 201-209.	2.5	10

#	ARTICLE	IF	CITATIONS
37	Physiology applied to everyday: the practice of professional contextualization of physiology concepts as a way of facilitating learning. American Journal of Physiology - Advances in Physiology Education, 2014, 38, 93-95.	1.6	10
38	The intrahippocampal infusion of crostamine from <i>Crotalus durissus terrificus</i> venom enhances memory persistence in rats. Toxicon, 2014, 85, 52-58.	1.6	10
39	Catecholaminergic hippocampal activation is necessary for object recognition memory persistence induced by one-single physical exercise session. Behavioural Brain Research, 2020, 379, 112356.	2.2	10
40	Insights on the use of thermography in human physiology practical classes. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 521-525.	1.6	9
41	One physical exercise session promotes recognition learning in rats with cognitive deficits related to amyloid beta neurotoxicity. Brain Research, 2020, 1744, 146918.	2.2	9
42	Strength training or green tea prevent memory deficits in a β -amyloid peptide-mediated Alzheimer's disease model. Experimental Gerontology, 2021, 143, 111186.	2.8	9
43	Active memory reactivation previous to the introduction of a new related content improves students' learning. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 75-78.	1.6	8
44	Noradrenergic and dopaminergic involvement in novelty modulation of aversive memory generalization of adult rats. Behavioural Brain Research, 2019, 371, 111991.	2.2	8
45	On the role of the dopaminergic system in the memory deficits induced by maternal deprivation. Neurobiology of Learning and Memory, 2020, 173, 107272.	1.9	8
46	Influência da diabetes e a prática de exercício físico e atividades cognitivas e recreativas sobre a função cognitiva e emotividade em grupos de terceira idade. Revista Brasileira De Geriatria E Gerontologia, 2014, 17, 867-878.	0.3	8
47	Time to fight the pandemic setbacks for caregiver academics. Nature Human Behaviour, 2021, 5, 1262-1262.	12.0	8
48	Increased interest in physiology and science among adolescents after presentations and activities administered by undergraduate physiology students. American Journal of Physiology - Advances in Physiology Education, 2016, 40, 194-197.	1.6	7
49	The use of an open-ended, student-led activity to aid in the learning and understanding of action potential. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 324-328.	1.6	7
50	Maternity in the Brazilian CV Lattes: when will it become a reality?. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20201370.	0.8	7
51	AVALIAÇÃO DAS FUNÇÕES COGNITIVAS, QUALIDADE DE SONO, TEMPO DE REAÇÃO E RISCO DE QUEDAS EM IDOSOS INSTITUCIONALIZADOS. Estudos Interdisciplinares Sobre O Envelhecimento, 2014, 19, .	0.1	7
52	Intrahippocampal Infusion of Crostamine Isolated from <i>Crotalus durissus terrificus</i> Alters Plasma and Brain Biochemical Parameters. International Journal of Environmental Research and Public Health, 2014, 11, 11438-11449.	2.6	6
53	Undergraduate students as promoters of science dissemination: a strategy to increase students' interest in physiology. American Journal of Physiology - Advances in Physiology Education, 2015, 39, 133-136.	1.6	6
54	Brazilian actions to promote physiology learning and teaching in secondary and high schools. American Journal of Physiology - Advances in Physiology Education, 2016, 40, 253-256.	1.6	6

#	ARTICLE	IF	CITATIONS
55	Relating human physiology content to COVID-19: a strategy to keep students in touch with physiology in times of social distance due to pandemic. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2021, 45, 129-133.	1.6	6
56	One single physical exercise session improves memory persistence by hippocampal activation of D1 dopamine receptors and PKA signaling in rats. <i>Brain Research</i> , 2021, 1762, 147439.	2.2	6
57	Multicomponent Training Prevents Memory Deficit Related to Amyloid- β^2 Protein-Induced Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 143-154.	2.6	6
58	Novelty promotes recognition memory persistence by D1 dopamine receptor and protein kinase A signalling in rat hippocampus. <i>European Journal of Neuroscience</i> , 2022, 55, 78-90.	2.6	6
59	Observing and understanding arterial and venous circulation differences in a physiology laboratory activity. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015, 39, 405-410.	1.6	5
60	Methylprednisolone as a memory enhancer in rats: Effects on aversive memory, long-term potentiation and calcium influx. <i>Brain Research</i> , 2017, 1670, 44-51.	2.2	5
61	Using the Olympic spirit to improve teaching and learning process: the biomechanics Olympic Games. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 436-440.	1.6	5
62	Report on the online course "Basic Concepts in Neurophysiology" a course promoted during the COVID-19 pandemic quarantine. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2021, 45, 594-598.	1.6	5
63	EXPERIÊNCIAS VIVENCIADAS NA MANUTENÇÃO DO PROGRAMA DE EXTENSÃO POPNEURO DURANTE O PERÍODO DE DISTANCIAMENTO SOCIAL IMPOSTO PELA PANDEMIA DA COVID-19. <i>Expressa Extensão</i> , 2020, 26, 350-361.	0.1	5
64	New Insights into the Role of the Locus Coeruleus-Noradrenergic System in Memory and Perception Dysfunction. <i>Neural Plasticity</i> , 2017, 2017, 1-3.	2.2	4
65	Status of research on physiology education in Brazil. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 547-554.	1.6	4
66	Actions developed by the Brazilian Physiological Society to promote women's participation in science. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 199-206.	1.6	4
67	Use of Facebook groups as a strategy for continuum involvement of students with physiology after finishing a physiology course. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 358-361.	1.6	4
68	Formação continuada em Neuroeducação: percepção de professores sobre a neurociência e sua importância para a educação. <i>Experiência Revista Científica De Extensão</i> , 2017, 3, .	0.0	4
69	Women in (neuro)science: report of a meeting held at the University of Valencia, Spain, in February 2018. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 668-671.	1.6	3
70	Improving physiology learning and understanding by adding outreach activities to the teaching: report of the IUPS and ADInstruments Teaching Workshop 2017. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2018, 42, 159-161.	1.6	3
71	Maternal Deprivation Induces Memory Deficits That Are Reduced by One Aerobic Exercise Shot Performed after the Learning Session. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	3
72	Novelty exposure hinders aversive memory generalization and depends on hippocampal protein synthesis. <i>Behavioural Brain Research</i> , 2019, 359, 89-94.	2.2	3

#	ARTICLE	IF	CITATIONS
73	ConcepÃ§Ã£o de saÃºde de cuidadores de indivÃduos com Ãlceras por pressÃo/ Conception of health caregivers of individuals with pressure ulcer . CiÃncia Cuidado E SaÃde, 2016, 14, 1462.	0.1	2
74	The role of regular physical exercise for enhancement of long-term memory in the elderly: a review of recent evidences. PAJAR - Pan-American Journal of Aging Research, 2016, 3, 60.	0.1	2
75	Symposium report on "Dynamic Methods For Improving Undergraduate Physiology Education" IUPS 38th World Congress. American Journal of Physiology - Advances in Physiology Education, 2017, 41, 560-564.	1.6	2
76	MÃsica e seus efeitos sobre o cÃrebro: uma abordagem da neurociÃncia junto a escolares. Elo, 2017, 6, .	0.1	2
77	Perfil dos Grupos de Pesquisa em Neurofisiologia do Brasil. Revista NeurociÃncias, 2014, 22, 37-44.	0.0	2
78	AÃmes para divulgaÃo da NeurociÃncia: um relato de experiÃncias vivenciadas no sul do Brasil. Journal of Biochemistry Education, 2014, 12, 108.	0.0	2
79	FormaÃo continuada em neurociÃncia: percepÃes de professores da educaÃo bÃsica. Revista Brasileira De ExtensÃo UniversitÃria, 2020, 11, 361-376.	0.0	2
80	Parentalidade e carreira cientÃfica: o impacto nÃo Ã o mesmo para todos. Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil, 2022, 31, .	1.0	2
81	Infralimbic and prelimbic prefrontal cortex activation is necessary to the enhancement of aversive memory extinction promoted by reactivation. Brain Research, 2021, 1770, 147630.	2.2	1
82	Objetos de aprendizagem como coadjuvantes do processo de ensino-aprendizagem de Fisiologia humana. Journal of Biochemistry Education, 2014, 12, 34.	0.0	1
83	As bases neurobiolÃgicas da aprendizagem no contexto da investigaÃo temÃtica freiriana. Trabalho, EducaÃo E SaÃde, 2015, 13, 109-122.	1.0	1
84	Divulgando a neurociÃncia: aÃmes para desmistificaÃo de neuromitos. Elo, 2017, 6, .	0.1	1
85	A iniciaÃo cientÃfica sob o ponto de vista de alunos de ensino mÃdio como bolsistas do programa PIBIC-EM na Ãrea de neurofisiologia em uma instituiÃo do interior do RS. Journal of Biochemistry Education, 2017, 15, 20.	0.0	1
86	Ensinando ciÃncias bÃsicas atravÃs de casos clÃnicos: PercepÃo dos estudantes de Fisiologia sobre o uso deste mÃtodo. Journal of Biochemistry Education, 0, 17, 13-25.	0.0	1
87	THE USE OF EDUCATIONAL GAMES TO EXPLAIN COMPLEX CONCEPTS RELATED TO HUMAN PHYSIOLOGY. Journal of Biochemistry Education, 2019, 17, 41-51.	0.0	1
88	Concurrent exercise does not prevent recognition memory deficits induced by beta-amyloid in rats. Physiology and Behavior, 2022, 243, 113631.	2.1	1
89	Neuroprotective effects of strength training in a neuroinflammatory animal model. BMC Neuroscience, 2022, 23, 22.	1.9	1
90	A Single Dose of Methylprednisolone Improves Aversive Memory Consolidation and Extinction in Rats. Frontiers in Neuroscience, 2019, 13, 1167.	2.8	0

#	ARTICLE	IF	CITATIONS
91	O cÃ©rebro vai ao parque: uma estratÃ©gia de popularizaÃ§Ã£o da neurociÃªncia. Em ExtensÃ£o, 2016, 14, 155-163.	0.0	0
92	ApresentaÃ§Ã£o de resultados de pesquisas cientÃficas como estratÃ©gia para aumentar o interesse dos alunos em fisiologia. Journal of Biochemistry Education, 2016, 14, 89.	0.0	0
93	Effect of an educational game on student's learning: different approaches for evaluation. , 0, , .		0
94	Using discussing forums as a strategy to improve the students' interest in Physiology. Journal of Biochemistry Education, 2017, 15, 6.	0.0	0
95	IMPORTÃNCIA DA POPULARIZAÃÃO DA NEUROCIÃNCIA: O CASO DO ZIKA VIRUS E DA MICROCEFALIA. Em ExtensÃ£o, 2017, 16, 227-241.	0.0	0
96	Grupo de estudo "fisiologizando" utilizando metodologias ativas: a percepÃ§Ã£o dos estudantes sobre o uso dessa estratÃ©gia no ensino-aprendizagem de Fisiologia humana. Journal of Biochemistry Education, 2018, 16, 74.	0.0	0
97	Duplas tarefas tÃm efeito similar sobre o tempo de reaÃ§Ã£o em jovens e idosos independentes. SaÃºde, 2019, 45, 10.	0.1	0
98	O impacto de aÃ§Ãµes de divulgaÃ§Ã£o da neurociÃªncia junto a uma comunidade escolar de Uruguaiana/RS. Elo, 2019, 8, .	0.1	0
99	Novelty Exposition Facilitates Memory Extinction By Dopaminergic Mechanisms. FASEB Journal, 2020, 34, 1-1.	0.5	0
100	Effect of Strength Training and Green Tea on Memory Impairments Associated with &[Beta] Amyloid Peptide. FASEB Journal, 2020, 34, 1-1.	0.5	0
101	A proposal for undergraduate students' inclusion in brain awareness week: promoting interest in curricular neuroscience components. Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience, 2014, 13, A41-4.	0.0	0
102	PHYSIOLOGY TEACHING IN THE PBL (PROBLEM-BASED LEARNING) CONTEXT: REPORT OF WORKSHOPS DEVELOPED IN BRAZIL. Journal of Biochemistry Education, 2021, 19, 16-24.	0.0	0