

# Pãmela B Mello-Carpes

## List of Publications by Year in descending order

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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	Concurrent exercise does not prevent recognition memory deficits induced by beta-amyloid in rats. <i>Physiology and Behavior</i> , 2022, 243, 113631.	2.1	1
2	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
3	Neuroprotective effects of strength training in a neuroinflammatory animal model. <i>BMC Neuroscience</i> , 2022, 23, 22.	1.9	1
4	Parentalidade e carreira científica: o impacto nÃ£o Ã© o mesmo para todos. <i>Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil</i> , 2022, 31, .	1.0	2
5	Strength training or green tea prevent memory deficits in a $\beta$ -amyloid peptide-mediated Alzheimer's disease model. <i>Experimental Gerontology</i> , 2021, 143, 111186.	2.8	9
6	Maternity in the Brazilian CV Lattes: when will it become a reality?. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20201370.	0.8	7
7	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
8	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
9	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
10	Multicomponent Training Prevents Memory Deficit Related to Amyloid- $\beta$ Protein-Induced Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 143-154.	2.6	6
11	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
12	Infralimbic and prelimbic prefrontal cortex activation is necessary to the enhancement of aversive memory extinction promoted by reactivation. <i>Brain Research</i> , 2021, 1770, 147630.	2.2	1
13	Time to fight the pandemic setbacks for caregiver academics. <i>Nature Human Behaviour</i> , 2021, 5, 1262-1262.	12.0	8
14	PHYSIOLOGY TEACHING IN THE PBL (PROBLEM-BASED LEARNING) CONTEXT: REPORT OF WORKSHOPS DEVELOPED IN BRAZIL. <i>Journal of Biochemistry Education</i> , 2021, 19, 16-24.	0.0	0
15	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.	2.2	10
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	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
18	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

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19	On the role of the dopaminergic system in the memory deficits induced by maternal deprivation. <i>Neurobiology of Learning and Memory</i> , 2020, 173, 107272.	1.9	8
20	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
21	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
22	One physical exercise session promotes recognition learning in rats with cognitive deficits related to amyloid beta neurotoxicity. <i>Brain Research</i> , 2020, 1744, 146918.	2.2	9
23	Impact of COVID-19 on academic mothers. <i>Science</i> , 2020, 368, 724-724.	12.6	131
24	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
25	Novelty Exposition Facilitates Memory Extinction By Dopaminergic Mechanisms. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
26	Effect of Strength Training and Green Tea on Memory Impairments Associated with &[Beta] Amyloid Peptide. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
27	Formação continuada em neurociência: percepções de professores da educação básica. <i>Revista Brasileira De Extensão Universitária</i> , 2020, 11, 361-376.	0.0	2
28	Noradrenergic and dopaminergic involvement in novelty modulation of aversive memory generalization of adult rats. <i>Behavioural Brain Research</i> , 2019, 371, 111991.	2.2	8
29	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
30	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
31	Strength training and running elicit different neuroprotective outcomes in a $\beta$ -amyloid peptide-mediated Alzheimer's disease model. <i>Physiology and Behavior</i> , 2019, 206, 206-212.	2.1	17
32	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
33	A Single Dose of Methylprednisolone Improves Aversive Memory Consolidation and Extinction in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 1167.	2.8	0
34	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
35	Novelty exposure hinders aversive memory generalization and depends on hippocampal protein synthesis. <i>Behavioural Brain Research</i> , 2019, 359, 89-94.	2.2	3
36	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

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37	Duplas tarefas têm efeito similar sobre o tempo de reação em jovens e idosos independentes. Saude, 2019, 45, 10.	0.1	0
38	O impacto de ações de divulgação da neurociência junto a uma comunidade escolar de Uruguaiana/RS. Elo, 2019, 8, .	0.1	0
39	THE USE OF EDUCATIONAL GAMES TO EXPLAIN COMPLEX CONCEPTS RELATED TO HUMAN PHYSIOLOGY. Journal of Biochemistry Education, 2019, 17, 41-51.	0.0	1
40	Environmental enrichment and exercise are better than social enrichment to reduce memory deficits in amyloid beta neurotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2403-E2409.	7.1	72
41	Women in (neuro)science: report of a meeting held at the University of Valencia, Spain, in February 2018. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 668-671.	1.6	3
42	Status of research on physiology education in Brazil. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 547-554.	1.6	4
43	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. Neural Plasticity, 2018, 2018, 1-8.	2.2	13
44	Improving physiology learning and understanding by adding outreach activities to the teaching: report of the IUPS and ADInstruments Teaching Workshop 2017. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 159-161.	1.6	3
45	Effects of cafeteria diet on memory and hippocampal oxidative stress in a rat model of Alzheimer-like disease: Neuroprotection of green tea supplementation. Journal of Functional Foods, 2018, 49, 277-284.	3.4	13
46	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
47	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
48	Effect of green tea extract supplementation on exercise-induced delayed onset muscle soreness and muscular damage. Physiology and Behavior, 2018, 194, 77-82.	2.1	41
49	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
50	Yacon leaf extract supplementation demonstrates neuroprotective effect against memory deficit related to $\beta$ -amyloid-induced neurotoxicity. Journal of Functional Foods, 2018, 48, 665-675.	3.4	11
51	The membrane potential puzzle: a new educational game to use in physiology teaching. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 79-83.	1.6	18
52	Grupo de estudo fisiologizando utilizando metodologias ativas: a percepção dos estudantes sobre o uso dessa estratégia no ensino-aprendizagem de Fisiologia humana. Journal of Biochemistry Education, 2018, 16, 74.	0.0	0
53	One-single physical exercise session after object recognition learning promotes memory persistence through hippocampal noradrenergic mechanisms. Behavioural Brain Research, 2017, 329, 120-126.	2.2	26
54	Supplementation with different teas from <i>Camellia sinensis</i> prevents memory deficits and hippocampus oxidative stress in ischemia-reperfusion. Neurochemistry International, 2017, 108, 287-295.	3.8	28

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55	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
56	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
57	Green tea protects against memory deficits related to maternal deprivation. <i>Physiology and Behavior</i> , 2017, 182, 121-127.	2.1	13
58	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
59	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
60	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
61	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
62	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
63	Symposium report on "Dynamic Methods For Improving Undergraduate Physiology Education" ILUPS 38th World Congress. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 560-564.	1.6	2
64	Mãe-sica e seus efeitos sobre o cérebro: uma abordagem da neurociência junto a escolares. <i>Elo</i> , 2017, 6, .	0.1	2
65	Divulgando a neurociência: ações para desmistificação de neuromitos. <i>Elo</i> , 2017, 6, .	0.1	1
66	Using discussing forums as a strategy to improve the students' interest in Physiology. <i>Journal of Biochemistry Education</i> , 2017, 15, 6.	0.0	0
67	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
68	A iniciação científica sob o ponto de vista de alunos de ensino médio como bolsistas do programa PIBIC-EM na área de neurofisiologia em uma instituição do interior do RS. <i>Journal of Biochemistry Education</i> , 2017, 15, 20.	0.0	1
69	IMPORTÂNCIA DA POPULARIZAÇÃO DA NEUROCIÊNCIA: O CASO DO ZIKA VIRUS E DA MICROCEFALIA. <i>Em Extensão</i> , 2017, 16, 227-241.	0.0	0
70	Concepção de saúde de cuidadores de indivíduos com úlcera por pressão / Conception of health caregivers of individuals with pressure ulcer <b>. <i>Ciência Cuidado E Saúde</i> , 2016, 14, 1462.	0.1	2
71	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
72	The role of regular physical exercise for enhancement of long-term memory in the elderly: a review of recent evidences. <i>PAJAR - Pan-American Journal of Aging Research</i> , 2016, 3, 60.	0.1	2

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73	Increased interest in physiology and science among adolescents after presentations and activities administered by undergraduate physiology students. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 194-197.	1.6	7
74	Brazilian actions to promote physiology learning and teaching in secondary and high schools. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 253-256.	1.6	6
75	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
76	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
77	O cÃ©rebro vai ao parque: uma estratÃ©gia de popularizaÃ§Ã£o da neurociÃªncia. <i>Em ExtensÃ£o</i> , 2016, 14, 155-163.	0.0	0
78	ApresentaÃ§Ã£o de resultados de pesquisas cientÃficas como estratÃ©gia para aumentar o interesse dos alunos em fisiologia. <i>Journal of Biochemistry Education</i> , 2016, 14, 89.	0.0	0
79	Undergraduate students as promoters of science dissemination: a strategy to increase students' interest in physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2015, 39, 133-136.	1.6	6
80	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
81	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
82	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
83	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
84	As bases neurobiolÃgicas da aprendizagem no contexto da investigaÃ§Ã£o temÃtica freiriana. <i>Trabalho, EducaÃ§Ã£o E SaÃde</i> , 2015, 13, 109-122.	1.0	1
85	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
86	Intrahippocampal Infusion of Crotonin Isolated from <i>Crotalus durissus terrificus</i> Alters Plasma and Brain Biochemical Parameters. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11438-11449.	2.6	6
87	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
88	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
89	Physiology applied to everyday: the practice of professional contextualization of physiology concepts as a way of facilitating learning. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 93-95.	1.6	10
90	Effects of green tea and physical exercise on memory impairments associated with aging. <i>Neurochemistry International</i> , 2014, 78, 53-60.	3.8	30

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91	Memory deficits and oxidative stress in cerebral ischemiaâ€“reperfusion: Neuroprotective role of physical exercise and green tea supplementation. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 242-250.	1.9	53
92	The intrahippocampal infusion of crotamine from <i>Crotalus durissus terrificus</i> venom enhances memory persistence in rats. <i>Toxicon</i> , 2014, 85, 52-58.	1.6	10
93	InfluÃªncia da diabetes e a prÃ¡tica de exercÃ©io fÃsico e atividades cognitivas e recreativas sobre a funÃ§Ã£o cognitiva e emotividade em grupos de terceira idade. <i>Revista Brasileira De Geriatria E Gerontologia</i> , 2014, 17, 867-878.	0.3	8
94	Perfil dos Grupos de Pesquisa em Neurofisiologia do Brasil. <i>Revista Neurociencias</i> , 2014, 22, 37-44.	0.0	2
95	Objetos de aprendizagem como coadjuvantes do processo de ensino-aprendizagem de Fisiologia humana. <i>Journal of Biochemistry Education</i> , 2014, 12, 34.	0.0	1
96	AVALIAÃ§Ã£o DAS FUNÃ§Ã•ES COGNITIVAS, QUALIDADE DE SONO, TEMPO DE REAÃ§Ã£o E RISCO DE QUEDAS EM IDOSOS INSTITUCIONALIZADOS. <i>Estudos Interdisciplinares Sobre O Envelhecimento</i> , 2014, 19, .	0.1	7
97	AÃ§Ãµes para divulgaÃ§Ã£o da NeurociÃªncia: um relato de experiÃªncias vivenciadas no sul do Brasil. <i>Journal of Biochemistry Education</i> , 2014, 12, 108.	0.0	2
98	A proposal for undergraduate students' inclusion in brain awareness week: promoting interest in curricular neuroscience components. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2014, 13, A41-4.	0.0	0
99	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
100	The Nucleus of the Solitary Tractâ†“Nucleus Paragigantocellularisâ†“Locus Coeruleusâ†“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
101	Effect of an educational game on student's learning: different approaches for evaluation. , 0, , .		0
102	Ensinando ciÃªncias bÃsicas atravÃs de casos clÃnicos: PercepÃ§Ã£o dos estudantes de Fisiologia sobre o uso deste mÃ©todo. <i>Journal of Biochemistry Education</i> , 0, 17, 13-25.	0.0	1