Maria Amlia Ferreira

List of Publications by Year in Descending Order

139 papers	2,054 citations	23 h-index	36 g-index
158 ext. papers	2,239 ext. citations	3.6 avg, IF	4.5 L-index

#	Paper	IF	Citations
139	How Computer-Assisted Learning Influences Medical StudentsTPerformance in Anatomy Courses. *Anatomical Sciences Education*, **2021**, 14, 210-220	6.8	2
138	Gender Equity Evaluated by Five Successful Women in the Medical Profession **2021**, 161-177		
137	The impact of personality traits on attitudes toward learning communication skills. *Scientia Medica*, **2020**, 30, e37326	0.3	0
136	Is Medical Education Changing? Five Challenges for the Near Future. *Acta Medica Portuguesa*, **2020**, 33, 365-366	1.4	0
135	Curricular changes: the impact on medical students knowledge of neuroanatomy. *BMC Medical Education*, **2020**, 20, 20	3.3	5
134	Added value of assessing medical studentsTreflective writings in communication skills training: a longitudinal study in four academic centres. *BMJ Open*, **2020**, 10, e038898	3	1
133	Gender Equity Evaluated by Five Successful Women in the Medical Profession. *Advances in Medical Education, Research, and Ethics*, **2020**, 182-198	0.1	
132	Use of portfolios in teaching communication skills and professionalism for Portuguese-speaking medical students. *International Journal of Medical Education*, **2020**, 11, 37-46	1.6	4
131	The Role of Anatomy Computer-Assisted Learning on Spatial Abilities of Medical Students. *Anatomical Sciences Education*, **2019**, 12, 138-153	6.8	17
130	Item pre-knowledge true prevalence in clinical anatomy - application of gated item response theory model. *BMC Medical Education*, **2019**, 19, 284	3.3	
129	Do reciprocal relationships between academic workload and self-regulated learning predict medical freshmenTs achievement? A longitudinal study on the educational transition from secondary school to medical school. *Advances in Health Sciences Education*, **2018**, 23, 733-748	3.7	4
128	Clinical communication skills and professionalism education are required from the beginning of medical training - a point of view of family physicians. *BMC Medical Education*, **2018**, 18, 43	3.3	11
127	Do students from public schools fare better in medical school than their colleagues from private schools? If so, what can we learn from this?. *BMC Medical Education*, **2018**, 18, 51	3.3	0
126	Tools and resources for neuroanatomy education: a systematic review. *BMC Medical Education*, **2018**, 18, 94	3.3	18
125	Performance equivalency between computer-based and traditional pen-and-paper assessment: A case study in clinical anatomy. *Anatomical Sciences Education*, **2018**, 11, 124-136	6.8	6
124	Assessment in pediatrics clerkships: impact of strategies to solve item-sharing problems. *Porto Biomedical Journal*, **2018**, 3, e21	1.1	
123	The use of portfolios to foster professionalism: attributes, outcomes, and recommendations. *Assessment and Evaluation in Higher Education*, **2017**, 42, 737-755	3.1	7

122	Neuroanatomy education: The impact on perceptions, attitudes, and knowledge of an intensive course on general practice residents. *Anatomical Sciences Education*, **2017**, 10, 465-474	6.8	7
121	Teaching and assessment of clinical communication skills: Lessons learned from a SWOT analysis of Portuguese Angolan and Mozambican Medical Education. *Porto Biomedical Journal*, **2017**, 2, 47-58	1.1	2
120	To participate or not participate in unprofessional behavior - Is that the question?. *Medical Teacher*, **2017**, 39, 212-219	3	6
119	Rethinking Anatomy: How to Overcome Challenges of Medical EducationTs Evolution. *Acta Medica Portuguesa*, **2017**, 30, 134-140	1.4	23
118	Differences in the StudentsTPerceptions on the Teaching of Neuroanatomy in a Medical Curriculum Organized by Disciplines and an Integrated Medical Curriculum. *Acta Medica Portuguesa*, **2017**, 30, 26-33	1.4	1
117	The impact of students and curriculum on self-study during clinical training in medical school: a multilevel approach. *BMC Medical Education*, **2017**, 17, 9	3.3	6
116	Junior doctorsTmedical specialty and practice location choice: simulating policies to overcome regional inequalities. *European Journal of Health Economics*, **2017**, 18, 1013-1030	3.6	2
115	Virtual Reality Simulation as a Tool to Monitor Surgical Performance Indicators: VIRESI Observational Study. *Acta Medica Portuguesa*, **2017**, 30, 388-394	1.4	1
114	Personality and achievement along medical training: Evidence from a cross-lagged analysis. *PLoS ONE*, **2017**, 12, e0185860	3.7	8
113	Knowledge, source of information, and perception of Portuguese medical students and junior doctors of infection control precautions. *American Journal of Infection Control*, **2016**, 44, 1723-1725	3.8	2
112	Surface anatomical landmarks for the location of posterior sacral foramina in sacral nerve stimulation. *Techniques in Coloproctology*, **2016**, 20, 859-864	2.9	10
111	Call to Publish in an Undergraduate Medical Course: Dissemination of the Final-Year Research Project. *Teaching and Learning in Medicine*, **2016**, 28, 432-438	3.4	4
110	Performance of a core of transversal skills: self-perceptions of undergraduate medical students. *BMC Medical Education*, **2016**, 16, 18	3.3	7
109	Sacral malformations: use of imaging to optimise sacral nerve stimulation. *International Journal of Colorectal Disease*, **2016**, 31, 351-7	3	8
108	Changing Times in Undergraduate Studies on Neuroanatomy. *Revista Brasileira De Educacao Medica*, **2016**, 40, 423-429	0.3	2
107	What Are We Looking for in Computer-Based Learning Interventions in Medical Education? A Systematic Review. *Journal of Medical Internet Research*, **2016**, 18, e204	7.6	51
106	A Brief Course on Clinical Communication Skills: A Multi- Centered Study. *Acta Medica Portuguesa*, **2016**, 29, 809-818	1.4	4
105	Transition from Secondary School to Medical School: The Role of Self-Study and Self-Regulated Learning Skills in Freshman Burnout. *Acta Medica Portuguesa*, **2016**, 29, 803-808	1.4	8

104	Associations Between the Big Five Personality Traits and a Medical School Admission Interview. *Acta Medica Portuguesa*, **2016**, 29, 796-802	1.4	2
103	Do item-writing flaws reduce examinations psychometric quality?. *BMC Research Notes*, **2016**, 9, 399	2.3	10
102	Why we do need PBJ: beginning the journey of excellence in publishing. *Porto Biomedical Journal*, **2016**, 1, 2	1.1	
101	Self-concept and obsessive-compulsiveness as moderators of anxiety and depression: a Portuguese prospective study. *Porto Biomedical Journal*, **2016**, 1, 36-39	1.1	1
100	Characterization of medical students recall of factual knowledge using learning objects and repeated testing in a novel e-learning system. *BMC Medical Education*, **2015**, 15, 4	3.3	14
99	Scientific Skills as Core Competences in Medical Education: What do medical students think?. *International Journal of Science Education*, **2015**, 37, 1875-1885	2.2	11
98	General competences on medical professionalism: Is it possible?. *Medical Teacher*, **2015**, 37, 976-7	3	2
97	Longitudinal evaluation, acceptability and long-term retention of knowledge on a horizontally integrated organic and functional systems course. *Perspectives on Medical Education*, **2015**, 4, 191-5	4.3	2
96	A pilot Tuning Project-based national study on recently graduated medical studentsT self-assessment of competences--the TEST study. *BMC Medical Education*, **2015**, 15, 226	3.3	6
95	OSCE para Competências de Comunicação Clínica e Profissionalismo: Relato de Experiência e Meta-Avaliação. *Revista Brasileira De Educacao Medica*, **2015**, 39, 433-441	0.3	6
94	Competências de Comunicação Clínica: Objetivos de Ensino-Aprendizagem para um Currículo Nuclear nas Áreas da Saúde. *Revista Brasileira De Educacao Medica*, **2015**, 39, 491-495	0.3	
93	Attitudes of Portuguese medical residentsTtowards clinical communication skills. *Patient Education and Counseling*, **2015**, 98, 1039-43	3.1	8
92	Evidence-based decision about test scoring rules in clinical anatomy multiple-choice examinations. *Anatomical Sciences Education*, **2015**, 8, 242-8	6.8	1
91	Long-term effects of chronic cocaine exposure throughout adolescence on anxiety and stress responsivity in a Wistar rat model. *Neuroscience*, **2014**, 277, 343-55	3.9	17
90	A novel collaborative e-learning platform for medical students - ALERT STUDENT. *BMC Medical Education*, **2014**, 14, 143	3.3	17
89	How medical education can contribute towards the reduction of maternal mortality in Angola: the teaching/learning process of Gynecology and Obstetrics. *African Health Sciences*, **2014**, 14, 228-36	1.1	0
88	Satisfação com os Cuidados Anestésicos num Hospital Central. *Acta Medica Portuguesa*, **2014**, 27, 33	1.4	0
87	Decision making for borderline cases in pass/fail clinical anatomy courses: the practical value of the standard error of measurement and likelihood ratio in a diagnostic test. *Anatomical Sciences Education*, **2013**, 6, 157-62	6.8	1

86	Student perspectives of imaging anatomy in undergraduate medical education. *Anatomical Sciences Education*, **2013**, 6, 163-9	6.8	12
85	Methamphetamine mimics the neurochemical profile of aging in rats and impairs recognition memory. *NeuroToxicology*, **2012**, 33, 491-9	4.4	23
84	Third year medical students perceptions towards learning communication skills: implications for medical education. *Patient Education and Counseling*, **2011**, 85, e265-71	3.1	14
83	Attitudes and anxiety levels of medical students towards the acquisition of competencies in communication skills. *Patient Education and Counseling*, **2011**, 85, e272-7	3.1	17
82	How students perceive medical competences: a cross-cultural study between the medical course in Portugal and African Portuguese speaking countries. *BMC Medical Education*, **2011**, 11, 24	3.3	8
81	Effectiveness of iron repletion in the diet for the optic nerve development of anaemic rats. *Eye*, **2010**, 24, 901-8	4.4	19
80	Opção pelo curso de Medicina em Angola: o caso da Universidade Agostinho Neto. *Revista Brasileira De Educacao Medica*, **2010**, 34, 346-354	0.3	1
79	Oxidative stress response in the adult rat retina and plasma after repeated administration of methamphetamine. *Neurochemistry International*, **2010**, 56, 431-6	4.4	23
78	Meta-evaluation in clinical anatomy: a practical application of item response theory in multiple choice examinations. *Anatomical Sciences Education*, **2010**, 3, 17-24	6.8	9
77	Inventário de Fontes de Estresse Acadêmico no Curso de Medicina (IFSAM). *Revista Brasileira De Educacao Medica*, **2009**, 33, 191-197	0.3	5
76	Ecstasy-induced oxidative stress to adolescent rat brain mitochondria in vivo: influence of monoamine oxidase type A. *Addiction Biology*, **2009**, 14, 185-93	4.6	35
75	Acetyl-L-carnitine provides effective in vivo neuroprotection over 3,4-methylenedioximethamphetamine-induced mitochondrial neurotoxicity in the adolescent rat brain. *Neuroscience*, **2009**, 158, 514-23	3.9	63
74	Correlation of axon size and myelin occupancy in rats prenatally exposed to methamphetamine. *Brain Research*, **2008**, 1222, 61-8	3.7	21
73	Exploratory behavior in rats postnatally exposed to cocaine and housed in an enriched environment. *Annals of the New York Academy of Sciences*, **2008**, 1139, 358-65	6.5	4
72	Hormonal, neurochemical, and behavioral response to a forced swim test in adolescent rats throughout cocaine withdrawal. *Annals of the New York Academy of Sciences*, **2008**, 1139, 366-73	6.5	14
71	Monoamine oxidase-B mediates ecstasy-induced neurotoxic effects to adolescent rat brain mitochondria. *Journal of Neuroscience*, **2007**, 27, 10203-10	6.6	57
70	Postnatal exposure to cocaine in rats housed in an enriched environment: effects on social interactions. *Human and Experimental Toxicology*, **2007**, 26, 303-9	3.4	10
69	Prenatal cocaine exposure accelerates morphological changes and transient expression of tyrosine hydroxylase in the cochlea of developing rats. *Brain Research*, **2006**, 1086, 55-64	3.7	5

68	Myelination changes in the rat optic nerve after prenatal exposure to methamphetamine. *Brain Research*, **2006**, 1106, 21-29	3.7	33
67	Effects of prenatal exposure to methamphetamine on the development of the rat retina. *Annals of the New York Academy of Sciences*, **2006**, 1074, 590-603	6.5	12
66	Effects of postnatal exposure to methamphetamine on the development of the rat retina. *Annals of the New York Academy of Sciences*, **2006**, 1074, 604-19	6.5	8
65	Prenatal exposure to cocaine and enriched environment: effects on social interactions. *Annals of the New York Academy of Sciences*, **2006**, 1074, 620-31	6.5	9
64	MDMA in adolescent male rats: decreased serotonin in the amygdala and behavioral effects in the elevated plus-maze test. *Annals of the New York Academy of Sciences*, **2006**, 1074, 643-9	6.5	18
63	Prenatal cocaine exposure: effects on locomotor activity in rat offspring. *Environmental Toxicology and Pharmacology*, **2005**, 19, 767-73	5.8	2
62	Methamphetamine and lipid peroxidation in the rat retina. *Birth Defects Research Part A: Clinical and Molecular Teratology*, **2005**, 73, 455-60		16
61	Effects of neonatal exposure to methamphetamine: catecholamine levels in brain areas of the developing rat. *Annals of the New York Academy of Sciences*, **2004**, 1025, 602-11	6.5	17
60	Effects of postnatal cocaine exposure and environmental enrichment on rat behavior in a forced swim test. *Annals of the New York Academy of Sciences*, **2004**, 1025, 619-29	6.5	21
59	Abnormal immunoreactivity to serotonin in cerebellar Purkinje cells after neonatal cocaine exposure. *Annals of the New York Academy of Sciences*, **2004**, 1025, 630-7	6.5	7
58	Methamphetamine exacerbates the toxic effect of kainic acid in the adult rat retina. *Neurochemistry International*, **2004**, 45, 1133-41	4.4	13
57	Catecholamine-independent transient expression of tyrosine hydroxylase in primary auditory neurons is coincident with the onset of hearing in the rat cochlea. *European Journal of Neuroscience* , **2003**, 18, 2653-62	3.5	15
56	Structural and functional cellular alterations underlying the toxicity of methamphetamine in rat retina and prefrontal cortex. *Annals of the New York Academy of Sciences*, **2002**, 965, 522-8	6.5	9
55	Postnatal cocaine exposure: effects on behavior of rats in forced swim test. *Annals of the New York Academy of Sciences*, **2002**, 965, 529-34	6.5	10
54	Evaluation of practical sessions in clinical anatomy: a strategy for educational improvement. *Clinical Anatomy*, **2002**, 15, 51-5	2.5	3
53	Evaluation of the Clinical Anatomy Program in the Medical School of Porto by two cohorts of students. *Clinical Anatomy*, **2002**, 15, 56-61	2.5	8
52	Adaptative response of antioxidant enzymes in different areas of rat brain after repeated d-amphetamine administration. *Addiction Biology*, **2001**, 6, 213-221	4.6	30
51	Effects of neonatal exposure to cocaine in the development of the neurotransmitters retinal systems: an immunocytochemical and neurochemical study. *Annals of the New York Academy of Sciences*, **2000**, 914, 418-30	6.5	5

50	Neonatal methamphetamine in the rat: evidence for gender-specific differences upon tyrosine hydroxylase enzyme in the dopaminergic nigrostriatal system. *Annals of the New York Academy of Sciences*, **2000**, 914, 431-8	6.5	16
49	Computer-based sessions in radiological anatomy: one year's experience in clinical anatomy. *Surgical and Radiologic Anatomy*, **2000**, 22, 29-34	1.4	18
48	Handouts as an educational support for the teaching/learning program in clinical anatomy. *Clinical Anatomy*, **1999**, 12, 337-44	2.5	5
47	Developmental Exposure to Methamphetamine: A Neonatal Model in the Rat. *Annals of the New York Academy of Sciences*, **1998**, 844, 310-313	6.5	6
46	A clinical anatomy curriculum for the medical student of the 21st century: gross anatomy. *Clinical Anatomy*, **1997**, 10, 59	2.5	3
45	Differential effects of prenatal exposure to cocaine and amphetamine on growth parameters and morphometry of the prefrontal cortex in the rat. *Annals of the New York Academy of Sciences*, **1996**, 801, 256-73	6.5	15
44	Development of the eye after gestational exposure to cocaine. Vascular disruption in the retina of rats and humans. *Annals of the New York Academy of Sciences*, **1996**, 801, 274-88	6.5	14
43	Effects of prenatal exposure to amphetamine in the medial prefrontal cortex of the rat. *International Journal of Developmental Neuroscience*, **1996**, 14, 585-596	2.7	17
42	The effects of prenatal exposure to cocaine on the dopaminergic cells in the rat retina. An immunocytochemical and neurochemical study. *Experimental Eye Research*, **1996**, 62, 697-708	3.7	8
41	Retinal hemorrhages associated with in utero exposure to cocaine. Experimental and clinical findings. *Retina*, **1996**, 16, 411-8	3.6	10
40	Effects of prenatal cocaine exposure in the photoreceptor cells of the rat retina. *Molecular Neurobiology*, **1995**, 11, 77-86	6.2	16
39	Effects of prenatal cocaine exposure in the retinal ganglion cell layer of the rat. A morphometric analysis. *Molecular Neurobiology*, **1995**, 11, 87-97	6.2	12
38	Effects of prenatal cocaine exposure in the prefrontal cortex of the rat. A morphometric evaluation. *Molecular Neurobiology*, **1995**, 11, 99-110	6.2	5
37	Effects of prenatal cocaine exposure on postnatal growth patterns of male Wistar rats. *Neurotoxicology and Teratology*, **1995**, 17, 471-7	3.9	16
36	Expression of glial fibrillary acidic protein in the rat retina after exposure to psychostimulants. *Retina*, **1995**, 15, 241-7	3.6	7
35	Retinal changes induced by neonatal cocaine exposure in the rat. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1994**, 232, 162-6	3.8	9
34	Body weight gain and hippocampal volumes of rats exposed neonatally to psychostimulants. *Brain Research*, **1993**, 619, 137-45	3.7	23
33	Changes in the retinal ganglion cell layer and optic nerve of rats exposed neonatally to cocaine. *Experimental Eye Research*, **1993**, 56, 199-206	3.7	25

32	Primary lipid keratopathy: a morphological and biochemical assessment. *British Journal of Ophthalmology*, **1993**, 77, 248-50	5.5	19
31	Aqueous outflow system in familial amyloidotic polyneuropathy, Portuguese type. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1993**, 231, 131-5	3.8	16
30	Morphological changes in the optic nerve after chronic exposure of neonatal rats to cocaine and amphetamine. *Ophthalmic Research*, **1991**, 23, 295-302	2.9	21
29	Abnormal Organization of the Human Retina in a Genetic Disorder (Bloch-Sulzberger Syndrome) **1991**, 361-364		
28	Effects of chronic alcohol intake and withdrawal on the prefrontal neurons and synapses. *Alcohol*, **1990**, 7, 145-52	2.7	47
27	Hippocampal mossy fiber-CA3 synapses after chronic alcohol consumption and withdrawal. *Alcohol*, **1989**, 6, 303-10	2.7	67
26	Cell loss in the cerebellum and hippocampal formation of adult rats after long-term low-protein diet. *Experimental Neurology*, **1989**, 103, 186-93	5.7	43
25	Metric analysis of hippocampal granule cell dendritic trees after alcohol withdrawal in rats. *Alcoholism: Clinical and Experimental Research*, **1989**, 13, 837-40	3.7	26
24	Granule cell loss and dendritic regrowth in the hippocampal dentate gyrus of the rat after chronic alcohol consumption. *Brain Research*, **1988**, 473, 1-14	3.7	77
23	Alcohol withdrawal does not impede hippocampal granule cell progressive loss in chronic alcohol-fed rats. *Neuroscience Letters*, **1988**, 86, 45-50	3.3	42
22	Long-term alcohol consumption reduces the number of neuronal nuclear pores. A morphometric study undertaken in CA3 hippocampal pyramids of rats. *Alcoholism: Clinical and Experimental Research*, **1988**, 12, 286-9	3.7	7
21	Chronic alcohol consumption reduces the cortical layer volumes and the number of neurons of the rat cerebellar cortex. *Alcoholism: Clinical and Experimental Research*, **1987**, 11, 315-9	3.7	46
20	A quantitative study of frontal cortex dendritic microtubules in patients with Alzheimer's disease. *Brain Research*, **1987**, 417, 139-42	3.7	42
19	Synapses of the cerebellar cortex molecular layer after chronic alcohol consumption. *Alcohol*, **1987**, 4, 109-16	2.7	19
18	Alzheimer's disease: maintenance of neuronal and synaptic densities in frontal cortical layers II and III. *Acta Neurologica Scandinavica*, **1986**, 74, 404-8	3.8	20
17	Giant multivesicular bodies in the rat hippocampal pyramidal cells after chronic alcohol consumption. *Neuroscience Letters*, **1986**, 64, 345-9	3.3	22
16	Dendritic inclusions in the cerebellar granular layer after long term alcohol consumption in adult rats. *Alcoholism: Clinical and Experimental Research*, **1985**, 9, 45-8	3.7	10
15	Lipofuscin granules in cerebellar interneurons after long-term alcohol consumption in the adult rat. *Anatomy and Embryology*, **1985**, 171, 61-9		20

14	Thyroidectomy induces coated pit formation on cerebellar mossy fiber terminals. *Cell and Tissue Research*, **1985**, 239, 627-31	4.2	2
13	Long term alcohol consumption induces microtubular changes in the adult rat cerebellar cortex. *Brain Research*, **1985**, 339, 195-9	3.7	46
12	Neuritic plaque-like structures in the rat cerebellum following prolonged alcohol consumption. *Experientia*, **1984**, 40, 110-2		15
11	Mitochondrial abnormalities in cortical dendrites from patients with early forms of subacute sclerosing panencephalitis (SSPE). *Acta Neuropathologica*, **1984**, 63, 117-22	14.3	5
10	Presynaptic inclusions in mossy fibre terminals of the cerebellar cortex following long-term undernutrition in adult rats. *Journal of Neurocytology*, **1984**, 13, 841-7		9
9	A morphometric Golgi analysis of the Purkinje cell dendritic tree after long-term alcohol consumption in the adult rat. *Journal of Neurocytology*, **1983**, 12, 939-48		77
8	Cerebellar cortex ultrastructure in ataxia-telangiectasia. *Annals of Neurology*, **1983**, 13, 297-302	9.4	37
7	Dendritic spine plasticity and chronic alcoholism in rats. *Neuroscience Letters*, **1983**, 42, 235-8	3.3	40
6	Lipofuscin granules in Purkinje cells after long-term alcohol consumption in rats. *Alcoholism: Clinical and Experimental Research*, **1983**, 7, 302-6	3.7	30
5	Axonal enlargements (meganeurites) in neuronal ceroid lipofuscinosis (NCL). *Ultrastructural Pathology*, **1982**, 3, 237-42	1.3	6
4	Alcohol-induced granule cell loss in the cerebellar cortex of the adult rat. *Experimental Neurology*, **1982**, 78, 574-82	5.7	67
3	Cilia in stellate neurons of the rat cerebellum. *Experientia*, **1981**, 37, 197-8		6
2	Cerebellar intranuclear inclusions in chronically alcoholized rats. *Cell and Tissue Research*, **1981**, 216, 227-30	4.2	8
1	Dendritic abnormalities in patients with subacute sclerosing panencephalitis (SSPE). A Golgi study. *Acta Neuropathologica*, **1980**, 52, 77-80	14.3	8