

# Agostinho Jc Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,338  
citations

279487

23  
h-index

377514

34  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron levels in the human brain: A post-mortem study of anatomical region differences and age-related changes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 13-17.	1.5	159
2	Metals transfer from tobacco to cigarette smoke: Evidences in smokers's™ lung tissue. <i>Journal of Hazardous Materials</i> , 2017, 325, 31-35.	6.5	77
3	GC Determination of Acetone, Acetaldehyde, Ethanol, and Methanol in Biological Matrices and Cell Culture. <i>Journal of Chromatographic Science</i> , 2009, 47, 272-278.	0.7	60
4	Uniaxial mechanical behavior of the human female bladder. <i>International Urogynecology Journal</i> , 2011, 22, 991-995.	0.7	52
5	Brain expression of inflammatory mediators in Mesial Temporal Lobe Epilepsy patients. <i>Journal of Neuroimmunology</i> , 2017, 313, 82-88.	1.1	51
6	Anatomical Region Differences and Age-Related Changes in Copper, Zinc, and Manganese Levels in the Human Brain. <i>Biological Trace Element Research</i> , 2014, 161, 190-201.	1.9	47
7	Adenosine A2A receptor and ecto-5â€²-nucleotidase/CD73 are upregulated in hippocampal astrocytes of human patients with mesial temporal lobe epilepsy (MTLE). <i>Purinergic Signalling</i> , 2016, 12, 719-734.	1.1	47
8	Postmortem Analyses Unveil the Poor Efficacy of Decontamination, Anti-Inflammatory and Immunosuppressive Therapies in Paraquat Human Intoxications. <i>PLoS ONE</i> , 2009, 4, e7149.	1.1	46
9	Biomechanical Properties of Vaginal Tissue in Women with Pelvic Organ Prolapse. <i>Gynecologic and Obstetric Investigation</i> , 2013, 75, 85-92.	0.7	44
10	Upâ€²regulation of P2X7 receptorâ€² mediated inhibition of <sc>GABA</sc> uptake by nerve terminals of the human epileptic neocortex. <i>Epilepsia</i> , 2016, 57, 99-110.	2.6	40
11	Sexual abuse of children. A comparative study of intra and extra-familial cases. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2009, 16, 455-459.	0.5	39
12	Clinical and forensic signs related to chemical burns: A mechanistic approach. <i>Burns</i> , 2015, 41, 658-679.	1.1	37
13	Strength of round and uterosacral ligaments: a biomechanical study. <i>Archives of Gynecology and Obstetrics</i> , 2013, 287, 313-318.	0.8	34
14	Detailed characterization of incretin cell distribution along the human small intestine. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1323-1331.	1.0	34
15	Clinical and Forensic Signs Related to Opioids Abuse. <i>Current Drug Abuse Reviews</i> , 2012, 5, 273-290.	3.4	34
16	Mercury fatal intoxication: Two case reports. <i>Forensic Science International</i> , 2009, 184, e1-e6.	1.3	33
17	Firing Distance Estimation Through the Analysis of the Gunshot Residue Deposit Pattern Around the Bullet Entrance Hole by Inductively Coupled Plasmaâ€²Mass Spectrometry. <i>American Journal of Forensic Medicine and Pathology</i> , 2007, 28, 24-30.	0.4	30
18	Three-dimensional reconstitution of bullet trajectory in gunshot wounds: A case report. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2009, 16, 407-410.	0.5	28

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19	Is the length of the sternum reliable for estimating adult stature? A pilot study using fresh sterna and a test of two methods using dry sterna. <i>Forensic Science International</i> , 2012, 220, 292.e1-292.e4.	1.3	28
20	Estimation of postmortem interval by hypoxanthine and potassium evaluation in vitreous humor with a sequential injection system. <i>Talanta</i> , 2009, 79, 1094-1099.	2.9	27
21	Clinical and Forensic Signs Related to Cocaine Abuse. <i>Current Drug Abuse Reviews</i> , 2012, 5, 64-83.	3.4	27
22	Anatomical Regional Differences in Selenium Levels in the Human Brain. <i>Biological Trace Element Research</i> , 2015, 163, 89-96.	1.9	27
23	“Foam Cone” exuding from the mouth and nostrils following heroin overdose. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 159-160.	1.3	25
24	Suicide by hanging under the influence of ketamine and ethanol. <i>Forensic Science International</i> , 2010, 202, e23-e27.	1.3	24
25	Suicide by sharp force injuries “ A study in Oporto. <i>Legal Medicine</i> , 2009, 11, S216-S219.	0.6	23
26	Clinical and forensic signs related to ethanol abuse: a mechanistic approach. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 81-110.	1.3	22
27	Parricide: A forensic approach. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2014, 22, 1-6.	0.5	22
28	Contribution to the determination of the place of death by drowning “ A study of diatoms' biodiversity in Douro river estuary. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 41, 58-64.	0.5	21
29	Elder homicide in the north of Portugal. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2010, 17, 383-387.	0.5	13
30	Teaching forensic medicine in the University of Porto. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2014, 25, 45-48.	0.5	13
31	Epilepsy progression is associated with cumulative DNA methylation changes in inflammatory genes. <i>Progress in Neurobiology</i> , 2022, 209, 102207.	2.8	13
32	The value of radiocarbon analysis in determining the forensic interest of human skeletal remains found in unusual circumstances. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012, 19, 97-100.	0.5	12
33	Alkali metals levels in the human brain tissue: Anatomical region differences and age-related changes. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 174-182.	1.5	12
34	A cocaine body packer case report: clinical and forensic aspects. <i>Clinical Toxicology</i> , 2009, 47, 590-591.	0.8	11
35	Idiopathic Infantile Arterial Calcification: A Rare Cause of Sudden Unexpected Death in Childhood. <i>Pathology Research International</i> , 2010, 2010, 1-5.	1.4	11
36	Vaginal Tissue Properties versus Increased Intra-Abdominal Pressure: A Preliminary Biomechanical Study. <i>Gynecologic and Obstetric Investigation</i> , 2011, 71, 145-150.	0.7	11

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37	Firing distance estimation based on the analysis of GSR distribution on the target surface using ICP-MS—An experimental study with a 7.65mm—17mm Browning pistol (.32 ACP). <i>Forensic Science International</i> , 2015, 247, 62-68.	1.3	11
38	Child Suicide in the North of Portugal. <i>Journal of Forensic Sciences</i> , 2015, 60, 471-475.	0.9	10
39	Pedestrian Fatalities Resulting From Train—Person Collisions. <i>Traffic Injury Prevention</i> , 2015, 16, 208-212.	0.6	10
40	Postmortem changes in carbon monoxide poisoning. <i>Clinical Toxicology</i> , 2010, 48, 762-763.	0.8	9
41	Sudden Cardiac Death in Young Adult. <i>Cardiovascular Toxicology</i> , 2014, 14, 379-386.	1.1	9
42	Necromechanics: Death-induced changes in the mechanical properties of human tissues. Proceedings of the Institution of Mechanical Engineers, Part H: <i>Journal of Engineering in Medicine</i> , 2015, 229, 343-349.	1.0	7
43	Mesial Temporal Lobe Epilepsy (MTLE) Drug-Refractoriness Is Associated With P2X7 Receptors Overexpression in the Human Hippocampus and Temporal Neocortex and May Be Predicted by Low Circulating Levels of miR-22. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	7
44	Genetics and criminal behaviour: recent accomplishments. <i>Medicine, Science and the Law</i> , 2009, 49, 274-282.	0.6	5
45	Non-fatal gunshot wounds in the context of intimate partner violence. The—importance of a multidisciplinary approach: A case report. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2011, 18, 221-224.	0.5	5
46	Forensic Medicine: A Forgotten World of Opportunities and Challenges for Research. <i>Archives of Medical Research</i> , 2013, 44, 479-481.	1.5	5
47	A post-mortem study of the anatomical region differences and age-related changes on Ca and Mg levels in the human brain. <i>Microchemical Journal</i> , 2014, 113, 69-76.	2.3	5
48	Reference values for trace element levels in the human brain: A systematic review of the literature. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 66, 126745.	1.5	5
49	Human identification using dental techniques: A case report. <i>Medicine, Science and the Law</i> , 2015, 55, 78-81.	0.6	4
50	A FT-NIR spectroscopy methodology to estimate firing distance based on the direct analysis of the bullet impact surface. <i>Analyst, The</i> , 2016, 141, 4410-4416.	1.7	3
51	Police shootings against civilians in Portugal: Contextual, forensic medical and judicial characterization. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2015, 33, 50-55.	0.5	2
52	Deaths resulting from the use of firearms by police against motor vehicles: Study of cases in Porto, Portugal. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 39, 1-9.	0.5	0