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List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,737
citations

236612

25
h-index

182168

51
g-index

77
all docs

77
docs citations

77
times ranked

3061
citing authors

#	ARTICLE	IF	CITATIONS
1	Usability, Acceptability, and Satisfaction of a Wearable Activity Tracker in Older Adults: Observational Study in a Real-Life Context in Northern Portugal. <i>Journal of Medical Internet Research</i> , 2022, 24, e26652.	2.1	8
2	Feasibility assurance: a review of automatic item generation in medical assessment. <i>Advances in Health Sciences Education</i> , 2022, 27, 405-425.	1.7	12
3	The development and implementation of a computer adaptive progress test across European countries. <i>Computers and Education Artificial Intelligence</i> , 2022, 3, 100083.	6.9	5
4	Effects of physical activity on brain function and structure in older adults: A systematic review. <i>Behavioural Brain Research</i> , 2021, 402, 113061.	1.2	56
5	Association between Self-Reported and Accelerometer-Based Estimates of Physical Activity in Portuguese Older Adults. <i>Sensors</i> , 2021, 21, 2258.	2.1	10
6	Useful Ultrasonographic Parameters to Predict Difficult Laryngoscopy and Difficult Tracheal Intubation—A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 671658.	1.2	25
7	European Portuguese Version of the User Satisfaction Evaluation Questionnaire (USEQ): Transcultural Adaptation and Validation Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e19245.	1.8	3
8	ATENA—A Novel Rapidly Manufactured Medical Invasive Ventilator Designed as a Response to the COVID-19 Pandemic: Testing Protocol, Safety, and Performance Validation. <i>Frontiers in Medicine</i> , 2021, 8, 614580.	1.2	2
9	Applicability and validation of the Reaction to Tests Scale (RTT) in a sample of Portuguese medical students. <i>BMC Psychology</i> , 2021, 9, 166.	0.9	1
10	Free-Living Physical Activity Measured With a Wearable Device Is Associated With Larger Hippocampus Volume and Greater Functional Connectivity in Healthy Older Adults: An Observational, Cross-Sectional Study in Northern Portugal. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 729060.	1.7	5
11	Amygdalar corticotropin-releasing factor mediates stress-induced anxiety. <i>Brain Research</i> , 2020, 1729, 146622.	1.1	13
12	Validation of a Wireless Bluetooth Photoplethysmography Sensor Used on the Earlobe for Monitoring Heart Rate Variability Features during a Stress-Inducing Mental Task in Healthy Individuals. <i>Sensors</i> , 2020, 20, 3905.	2.1	24
13	Strategies for remote assessment of medical students at University of Minho. <i>Medical Education</i> , 2020, 54, 1074-1075.	1.1	1
14	A Systematic Review of Behavioral, Physiological, and Neurobiological Cognitive Regulation Alterations in Obsessive-Compulsive Disorder. <i>Brain Sciences</i> , 2020, 10, 797.	1.1	10
15	MORPhA Scale: Behavioral and electroencephalographic validation of a rodent anesthesia scale. <i>Journal of Neuroscience Methods</i> , 2019, 324, 108304.	1.3	9
16	The efficacy of biofeedback approaches for obsessive-compulsive and related disorders: A systematic review and meta-analysis. <i>Psychiatry Research</i> , 2019, 272, 237-245.	1.7	12
17	Predicting completion time in high-stakes exams. <i>Future Generation Computer Systems</i> , 2019, 92, 549-559.	4.9	7
18	Monitoring Mental Stress Through Mouse Behaviour and Decision-Making Patterns. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 40-47.	0.5	1

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19	A Key Role for Neurotensin in Chronic-Stress-Induced Anxiety-Like Behavior in Rats. <i>Neuropsychopharmacology</i> , 2018, 43, 285-293.	2.8	43
20	Inflammatory response and long-term behavioral assessment after neonatal CO ₂ -pneumothorax: study in a rodent model. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1318-1325.	0.8	2
21	EUStress: A Human Behaviour Analysis System for Monitoring and Assessing Stress During Exams. <i>Studies in Computational Intelligence</i> , 2018, , 137-147.	0.7	3
22	Neurodevelopment impact of CO ₂ -pneumoperitoneum in neonates: experimental study in a rat model. <i>Journal of Surgical Research</i> , 2018, 221, 293-303.	0.8	4
23	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018, 8, 17666.	1.6	11
24	X3S: A multi-modal approach to monitor and assess stress through human-computer interaction. <i>Computer Science and Information Systems</i> , 2018, 15, 683-703.	0.7	2
25	Animal facility videoendoscopic intubation station: tips and tricks from mice to rabbits. <i>Laboratory Animals</i> , 2017, 51, 204-207.	0.5	14
26	Segmental and regional quantification of 3D cellular density of human meniscus from osteoarthritic knee. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1844-1852.	1.3	20
27	Ultrasound-guided dissection and ligation of the internal inguinal ring for hernia repair in pediatrics: an experimental animal study. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1848-1852.	0.8	2
28	Mouse dynamics correlates to student behaviour in computer-based exams. <i>Logic Journal of the IGPL</i> , 2017, 25, 967-978.	1.3	3
29	Fifteen Years of Experience from a Medical School's™ Clinical Skills Laboratory. <i>Acta Medica Portuguesa</i> , 2017, 30, 85.	0.2	0
30	Ambient Intelligent Systems: The Role of Non-Intrusive and Sensitive Approaches. , 2017, , .		0
31	Biomedical Simulation: Evolution, Concepts, Challenges and Future Trends. <i>Acta Medica Portuguesa</i> , 2016, 29, 860-868.	0.2	7
32	Exposure to Ketamine Anesthesia Affects Rat Impulsive Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 226.	1.0	17
33	Using Mouse Dynamics to Assess Stress During Online Exams. <i>Lecture Notes in Computer Science</i> , 2015, , 345-356.	1.0	29
34	Correlation study between blood pressure and pulse transit time. , 2015, , .		4
35	The positive effect on ketamine as a priming adjuvant in antidepressant treatment. <i>Translational Psychiatry</i> , 2015, 5, e573-e573.	2.4	41
36	Can the dopaminergic-related effects of general anesthetics be linked to mechanisms involved in drug abuse and addiction?. <i>Acta Anaesthesiologica Scandinavica</i> , 2015, 59, 822-829.	0.7	0

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37	Stress induced risk-aversion is reverted by D2/D3 agonist in the rat. <i>European Neuropsychopharmacology</i> , 2015, 25, 1744-1752.	0.3	21
38	Behavioral characterization of the 6-hydroxidopamine model of Parkinson's disease and pharmacological rescuing of non-motor deficits. <i>Molecular Neurodegeneration</i> , 2013, 8, 14.	4.4	142
39	Gestational protein restriction induces CA3 dendritic atrophy in dorsal hippocampal neurons but does not alter learning and memory performance in adult offspring. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 151-156.	0.7	13
40	Adenosine A2A receptor blockade reverts hippocampal stress-induced deficits and restores corticosterone circadian oscillation. <i>Molecular Psychiatry</i> , 2013, 18, 320-331.	4.1	124
41	Dopaminergic Modulation of Affective and Social Deficits Induced by Prenatal Glucocorticoid Exposure. <i>Neuropsychopharmacology</i> , 2013, 38, 2068-2079.	2.8	35
42	Glucocorticoid Programming of the Mesopontine Cholinergic System. <i>Frontiers in Endocrinology</i> , 2013, 4, 190.	1.5	20
43	Excitotoxic lesions in the central nucleus of the amygdala attenuate stress-induced anxiety behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 32.	1.0	50
44	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 119.	1.0	25
45	Variable delay-to-signal: a fast paradigm for assessment of aspects of impulsivity in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 154.	1.0	24
46	How repeated and unpredictable experiences turn into fear-memories. <i>Frontiers in Neuroscience</i> , 2013, 7, 17.	1.4	1
47	Stress shifts the response of the bed nucleus of the stria terminalis to an anxiogenic mode. <i>European Journal of Neuroscience</i> , 2012, 36, 3396-3406.	1.2	44
48	Mechanisms of initiation and reversal of drug-seeking behavior induced by prenatal exposure to glucocorticoids. <i>Molecular Psychiatry</i> , 2012, 17, 1295-1305.	4.1	59
49	The bed nucleus of stria terminalis and the amygdala as targets of antenatal glucocorticoids: implications for fear and anxiety responses. <i>Psychopharmacology</i> , 2012, 220, 443-453.	1.5	44
50	Programming Effects of Antenatal Corticosteroids Exposure in Male Sexual Behavior. <i>Journal of Sexual Medicine</i> , 2011, 8, 1965-1974.	0.3	14
51	Endoscopic Closure of Transmural Bladder Wall Perforations. <i>European Urology</i> , 2009, 56, 151-158.	0.9	36
52	Stress and the Neuroendocrinology of Anxiety Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2009, 2, 97-118.	0.8	71
53	In vivo assessment of gastrotomy closure with over-the-scope clips in an experimental model for varicoeleotomy (with video). <i>Gastrointestinal Endoscopy</i> , 2009, 70, 1137-1145.	0.5	27
54	A trans-dimensional approach to the behavioral aspects of depression. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 1.	1.0	243

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55	Effects of Starch/ Polycaprolactone-based Blends for Spinal Cord Injury Regeneration in Neurons/Glial Cells Viability and Proliferation. <i>Journal of Bioactive and Compatible Polymers</i> , 2009, 24, 235-248.	0.8	17
56	Antinociception Induced by Chronic Glucocorticoid Treatment is Correlated to Local Modulation of Spinal Neurotransmitter Content. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-41.	1.0	24
57	Dissociation of the morphological correlates of stress-induced anxiety and fear. <i>European Journal of Neuroscience</i> , 2008, 27, 1503-1516.	1.2	125
58	Neuropathic pain is associated with depressive behaviour and induces neuroplasticity in the amygdala of the rat. <i>Experimental Neurology</i> , 2008, 213, 48-56.	2.0	158
59	NOTES NEPHRECTOMY BY TRANSGASTRIC AND TRANSVESICAL COMBINED APPROACH. <i>Journal of Urology</i> , 2008, 179, 239-239.	0.2	0
60	Neurodevelopment milestone abnormalities in rats exposed to stress in early life. <i>Neuroscience</i> , 2007, 147, 1022-1033.	1.1	67
61	Third-Generation Nephrectomy by Natural Orifice Transluminal Endoscopic Surgery. <i>Journal of Urology</i> , 2007, 178, 2648-2654.	0.2	123
62	Third-generation cholecystectomy by natural orifices: transgastric and transvesical combined approach (with video). <i>Gastrointestinal Endoscopy</i> , 2007, 65, 111-117.	0.5	177
63	Transvesical thoracoscopy: A natural orifice transluminal endoscopic approach for thoracic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007, 21, 854-858.	1.3	117
64	1226: Third Generation Abdominal Surgery by Natural Orifices: Transgastric and Transvesical Combined Approach. <i>Journal of Urology</i> , 2007, 177, 404-404.	0.2	1
65	Transvesical Endoscopic Peritoneoscopy: A Novel 5 mm Port for Intra-Abdominal Scarless Surgery. <i>Journal of Urology</i> , 2006, 176, 802-805.	0.2	169
66	Induction of a Hyperanxious State by Antenatal Dexamethasone: A Case for Less Detrimental Natural Corticosteroids. <i>Biological Psychiatry</i> , 2006, 59, 844-852.	0.7	65
67	Mismatch between anxiety status and morphometric parameters in the amygdala and bed nucleus of the stria terminalis. <i>Behavioural Brain Research</i> , 2006, 173, 320-325.	1.2	10
68	Third Generation Cholecystectomy by Natural Orifices. <i>American Journal of Gastroenterology</i> , 2006, 101, S511.	0.2	2
69	Cellular and molecular analysis of stress-induced neurodegeneration – methodological considerations. <i>Handbook of Behavioral Neuroscience</i> , 2005, 15, 729-749.	0.0	0
70	Morphological Correlates of Corticosteroid-Induced Changes in Prefrontal Cortex-Dependent Behaviors. <i>Journal of Neuroscience</i> , 2005, 25, 7792-7800.	1.7	242
71	Chronic unpredictable stress inhibits nociception in male rats. <i>Neuroscience Letters</i> , 2004, 359, 73-76.	1.0	40
72	Ultrasound-Guided Selective Bronchial Intubation: A Feasibility Study in Pediatric Animal Model. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	1