

# Sergio Machado

## List of Publications by Citations

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349  
papers

8,392  
citations

48  
h-index

71  
g-index

390  
ext. papers

9,697  
ext. citations

3.7  
avg. IF

6.15  
L-index

#	Paper	IF	Citations
349	Effects of exercise on anxiety and depression disorders: review of meta- analyses and neurobiological mechanisms. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2014</b> , 13, 1002-14	2.6	208
348	Enhanced electrochemical response of boron-doped diamond electrodes brought on by a cathodic surface pre-treatment. <i>Electrochimica Acta</i> , <b>2004</b> , 49, 4021-4026	6.7	203
347	Characterisation of surfaces modified by sol-gel derived RuIr <sub>1</sub> O <sub>2</sub> coatings for oxygen evolution in acid medium. <i>Electrochimica Acta</i> , <b>1998</b> , 44, 1515-1523	6.7	164
346	Electrochemical detection of carbamate pesticides in fruit and vegetables with a biosensor based on acetylcholinesterase immobilised on a composite of polyaniline-carbon nanotubes. <i>Food Chemistry</i> , <b>2012</b> , 135, 873-9	8.5	163
345	The hydrogen evolution reaction on nickel surfaces stabilized by H-absorption. <i>Electrochimica Acta</i> , <b>1994</b> , 39, 1385-1391	6.7	155
344	Oxidation of the pesticide atrazine at DSA electrodes. <i>Journal of Hazardous Materials</i> , <b>2006</b> , 137, 565-72	12.8	120
343	Influence of the preparation method on the morphological and electrochemical properties of Ti/IrO <sub>2</sub> -coated electrodes. <i>Electrochimica Acta</i> , <b>2000</b> , 45, 4467-4473	6.7	120
342	Sleep deprivation and oxidative stress in animal models: a systematic review. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 234952	6.7	110
341	"Nomophobia": impact of cell phone use interfering with symptoms and emotions of individuals with panic disorder compared with a control group. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2014</b> , 10, 28-35	3.2	108
340	Comprehensive treatments for social cognitive deficits in schizophrenia: A critical review and effect-size analysis of controlled studies. <i>Clinical Psychology Review</i> , <b>2016</b> , 43, 80-9	10.8	106
339	Decolorisation of real textile waste using electrochemical techniques: effect of the chloride concentration. <i>Water Research</i> , <b>2007</b> , 41, 2969-77	12.5	105
338	Study of anion adsorption on polycrystalline Pt by electrochemical quartz crystal microbalance. <i>Electrochemistry Communications</i> , <b>2000</b> , 2, 692-696	5.1	103
337	Active surface area determination of Pd-Si alloys by H-adsorption. <i>Electrochimica Acta</i> , <b>1997</b> , 42, 493-495	6.7	102
336	Antidepressant-like and anxiolytic-like effects of cannabidiol: a chemical compound of Cannabis sativa. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2014</b> , 13, 953-60	2.6	93
335	Direct electrochemical determination of carbaryl using a multi-walled carbon nanotube/cobalt phthalocyanine modified electrode. <i>Talanta</i> , <b>2009</b> , 79, 1406-11	6.2	89
334	Study of hydrogen evolution reaction in acid medium on Pt microelectrodes. <i>Electrochimica Acta</i> , <b>2001</b> , 46, 4359-4369	6.7	89
333	Recent developments in electrode materials for water electrolysis. <i>International Journal of Hydrogen Energy</i> , <b>2000</b> , 25, 415-423	6.7	88

332	Electrodeposition and characterisation of thin layers of Ni/Co alloys obtained from dilute chloride baths. <i>Electrochimica Acta</i> , <b>2000</b> , 45, 1733-1740	6.7	83
331	Electrochemical degradation of carbaryl on oxide electrodes. <i>Water Research</i> , <b>2006</b> , 40, 3281-9	12.5	82
330	Population pharmacokinetics. A regulatory perspective. <i>Clinical Pharmacokinetics</i> , <b>1999</b> , 37, 41-58	6.2	82
329	Steroid hormones in the saliva of adolescents after different exercise intensities and their influence on working memory in a school setting. <i>Psychoneuroendocrinology</i> , <b>2010</b> , 35, 382-91	5	79
328	Voltametria de onda quadrada. Primeira parte: aspectos teóricos. <i>Quimica Nova</i> , <b>2003</b> , 26, 81-89	1.6	79
327	Sensitive determination of carbendazim in orange juice by electrode modified with hybrid material. <i>Food Chemistry</i> , <b>2015</b> , 170, 360-5	8.5	77
326	Determination of epinephrine in urine using multi-walled carbon nanotube modified with cobalt phthalocyanine in a paraffin composite electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2010</b> , 148, 492-497	8.5	75
325	Electrochemical and morphological studies of electrodeposited Ni-Mo alloys tailored for water electrolysis. <i>International Journal of Hydrogen Energy</i> , <b>2004</b> , 29, 249-254	6.7	75
324	Nanostructured carbon black for simultaneous sensing in biological fluids. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 227, 610-618	8.5	73
323	Side-effects of subthalamic stimulation in Parkinson's disease: clinical evolution and predictive factors. <i>European Journal of Neurology</i> , <b>2006</b> , 13, 963-71	6	72
322	Spatial and Temporal Variability of Corn Growth and Grain Yield. <i>Crop Science</i> , <b>2002</b> , 42, 1564-1576	2.4	67
321	Square wave voltammetry on boron-doped diamond electrodes for analytical determinations. <i>Diamond and Related Materials</i> , <b>2002</b> , 11, 1670-1675	3.5	67
320	Sol-gel thin-film based mesoporous silica and carbon nanotubes for the determination of dopamine, uric acid and paracetamol in urine. <i>Talanta</i> , <b>2013</b> , 116, 726-35	6.2	63
319	Oxygen reduction reaction catalyzed by e-MnO <sub>2</sub> : Influence of the crystalline structure on the reaction mechanism. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 423-431	6.7	63
318	EEG-based brain-computer interfaces: an overview of basic concepts and clinical applications in neurorehabilitation. <i>Reviews in the Neurosciences</i> , <b>2010</b> , 21, 451-68	4.7	63
317	High area Ni-Zn and Ni-Co-Zn codeposits as hydrogen electrodes in alkaline solutions. <i>Journal of Applied Electrochemistry</i> , <b>1992</b> , 22, 973-977	2.6	63
316	Functionalized polyacrylamide as an acetylcholinesterase-inspired biomimetic device for electrochemical sensing of organophosphorus pesticides. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 100, 290-297	11.8	62
315	Determination of carbaryl in tomato using an amperometric biosensor based on the inhibition of acetylcholinesterase activity. <i>Sensors and Actuators B: Chemical</i> , <b>2008</b> , 129, 40-46	8.5	59

314	Electrochemical detection of the herbicide paraquat in natural water and citric fruit juices using microelectrodes. <i>Analytica Chimica Acta</i> , <b>2005</b> , 546, 85-91	6.6	59
313	Active exergames to improve cognitive functioning in neurological disabilities: a systematic review and meta-analysis. <i>European Journal of Physical and Rehabilitation Medicine</i> , <b>2018</b> , 54, 450-462	4.4	57
312	Simultaneous determination of epinephrine and dopamine by electrochemical reduction on the hybrid material SiO <sub>2</sub> /graphene oxide decorated with Ag nanoparticles. <i>Analyst, The</i> , <b>2014</b> , 139, 4634-40	5	56
311	The electrochemical effect of acid functionalisation of carbon nanotubes to be used in sensors development. <i>Surface Science</i> , <b>2011</b> , 605, 435-440	1.8	55
310	A disposable electrochemical sensor for simultaneous detection of sulfamethoxazole and trimethoprim antibiotics in urine based on multiwalled nanotubes decorated with Prussian blue nanocubes modified screen-printed electrode. <i>Electrochimica Acta</i> , <b>2016</b> , 191, 1010-1017	6.7	54
309	The role of positive emotion and contributions of positive psychology in depression treatment: systematic review. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2013</b> , 9, 221-37	3.2	53
308	Can transcranial direct current stimulation on the dorsolateral prefrontal cortex improves balance and functional mobility in Parkinson's disease?. <i>Neuroscience Letters</i> , <b>2017</b> , 636, 165-169	3.3	52
307	Neurobiological alterations induced by exercise and their impact on depressive disorders [corrected]. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2010</b> , 6, 115-25	3.2	50
306	Decolourisation of real textile waste using electrochemical techniques: effect of electrode composition. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 156, 170-7	12.8	50
305	Photo-assisted electrochemical oxidation of atrazine on a commercial Ti/Ru <sub>0.3</sub> Ti <sub>0.7</sub> O <sub>2</sub> DSA electrode. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 7120-5	10.3	49
304	Electrochemical Behavior of Nicotine Studied by Voltammetric Techniques at Boron-Doped Diamond Electrodes. <i>Analytical Letters</i> , <b>2005</b> , 38, 1587-1599	2.2	49
303	Preparation, characterization and utilization of a new electrocatalyst for ethanol oxidation obtained by the sol-gel method. <i>Journal of Power Sources</i> , <b>2006</b> , 156, 300-305	8.9	49
302	Electroanalytical determination of the herbicide picloram in natural waters by square wave voltammetry. <i>Journal of the Brazilian Chemical Society</i> , <b>2003</b> , 14, 113-119	1.5	49
301	The Effects of Aerobic Exercise on Cognitive Function of Alzheimer's Disease Patients. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1292-7	2.6	48
300	Determination of serotonin on platinum electrode modified with carbon nanotubes/polypyrrole/silver nanoparticles nanohybrid. <i>Materials Science and Engineering C</i> , <b>2014</b> , 40, 49-54	8.3	48
299	A Nanostructured Bifunctional platform for Sensing of Glucose Biomarker in Artificial Saliva: Synergy in hybrid Pt/Au surfaces. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 86, 369-376	11.8	47
298	Adsorption according to the Langmuir-Freundlich model is the detection mechanism of the antigen p53 for early diagnosis of cancer. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 8412-8	3.6	45
297	Physical activity interventions in schools for improving lifestyle in European countries. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2015</b> , 11, 77-101	3.2	44

296	Evaluation of the detection and quantification limits in electroanalysis using two popular methods: application in the case study of paraquat determination. <i>Analytical Methods</i> , <b>2012</b> , 4, 2348	3.2	44
295	Voltammetric detection of paraquat pesticide on a phthalocyanine-based pyrolytic graphite electrode. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 1907-14	4.4	44
294	Electrochemical behavior of dopamine at a 3,3'-dithiodipropionic acid self-assembled monolayers. <i>Talanta</i> , <b>2007</b> , 72, 427-33	6.2	44
293	Studies of the hydrogen evolution reaction on smooth Co and electrodeposited Ni <sub>2</sub> Co ultramicroelectrodes. <i>Electrochemistry Communications</i> , <b>1999</b> , 1, 600-604	5.1	44
292	Internet Addiction and Excessive Social Networks Use: What About Facebook?. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2016</b> , 12, 43-8	3.2	44
291	Voltammetric and rotating ring-disk studies of underpotential deposition of Ag and Cu on polycrystalline Au electrodes in aqueous H <sub>2</sub> SO <sub>4</sub> . <i>Electrochimica Acta</i> , <b>1998</b> , 43, 2263-2272	6.7	43
290	Multiple square wave voltammetry for analytical determination of paraquat in natural water, food, and beverages using microelectrodes. <i>Talanta</i> , <b>2006</b> , 69, 1200-7	6.2	43
289	Underpotential deposition of copper and its influence in the oxygen reduction on platinum. <i>Electrochimica Acta</i> , <b>1991</b> , 36, 1325-1331	6.7	42
288	Immobilization of ruthenium phthalocyanine on silica-coated multi-wall partially oriented carbon nanotubes: Electrochemical detection of fenitrothion pesticide. <i>Materials Research Bulletin</i> , <b>2016</b> , 76, 41-47	5.1	41
287	An Overview of the Clinical Uses, Pharmacology, and Safety of Modafinil. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 151-158	5.7	41
286	Physical Exercise For Parkinson's Disease: Clinical And Experimental Evidence. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2018</b> , 14, 89-98	3.2	41
285	Reduced graphene oxide-Sb <sub>2</sub> O <sub>5</sub> hybrid nanomaterial for the design of a laccase-based amperometric biosensor for estriol. <i>Electrochimica Acta</i> , <b>2015</b> , 174, 332-339	6.7	40
284	A synergistic combination of reduced graphene oxide and antimony nanoparticles for estriol hormone detection. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 453-459	8.5	40
283	The need for differentiating between exercise, physical activity, and training. <i>Autoimmunity Reviews</i> , <b>2016</b> , 15, 110-1	13.6	39
282	The water decomposition reactions on boron-doped diamond electrodes. <i>Journal of the Brazilian Chemical Society</i> , <b>2004</b> , 15, 16-21	1.5	39
281	Time perception distortion in neuropsychiatric and neurological disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2013</b> , 12, 567-82	2.6	39
280	Effects of School-Based Physical Activity Interventions on Cognition and Academic Achievement: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1194-208	2.6	39
279	Printex 6L Carbon Nanoballs used in Electrochemical Sensors for Simultaneous Detection of Emerging Pollutants Hydroquinone and Paracetamol. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 252, 165-174	8.5	39

278	Can Transcranial Direct Current Stimulation Improve the Resistance Strength and Decrease the Rating Perceived Scale in Recreational Weight-Training Experience?. <i>Journal of Strength and Conditioning Research</i> , <b>2016</b> , 30, 3381-3387	3.2	39
277	Integrative parietal cortex processes: neurological and psychiatric aspects. <i>Journal of the Neurological Sciences</i> , <b>2014</b> , 338, 12-22	3.2	38
276	Index of alpha/theta ratio of the electroencephalogram: a new marker for Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 60	5.3	38
275	Effect of the catalyst composition in the Pt <sub>x</sub> (Ru <sub>y</sub> ) <sub>100-x-y</sub> /C system on the electro-oxidation of methanol in acid media. <i>Journal of Power Sources</i> , <b>2008</b> , 179, 42-49	8.9	38
274	Study of photo-assisted electrochemical degradation of carbaryl at dimensionally stable anodes (DSA). <i>Journal of Hazardous Materials</i> , <b>2009</b> , 167, 224-9	12.8	37
273	Determination of Parathion and Carbaryl Pesticides in Water and Food Samples Using a Self Assembled Monolayer /Acetylcholinesterase Electrochemical Biosensor. <i>Sensors</i> , <b>2008</b> , 8, 4600-4610	3.8	37
272	Electrochemical Study of Ethanol Oxidation on Nickel in Alkaline Media. <i>Journal of the Brazilian Chemical Society</i> , <b>1994</b> , 5, 161-165	1.5	37
271	Systematic Review of Meta-Analyses: Exercise Effects on Depression in Children and Adolescents. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 81	5	36
270	Exercise-induced neuroprotective effects on neurodegenerative diseases: the key role of trophic factors. <i>Expert Review of Neurotherapeutics</i> , <b>2016</b> , 16, 723-34	4.3	36
269	Can Transcranial Direct Current Stimulation Improve Muscle Power in Individuals With Advanced Weight-Training Experience?. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 97-103	3.2	36
268	Sensitive detection of estriol hormone in creek water using a sensor platform based on carbon black and silver nanoparticles. <i>Talanta</i> , <b>2017</b> , 174, 652-659	6.2	35
267	Intermittent maximal exercise improves attentional performance only in physically active students. <i>Archives of Medical Research</i> , <b>2012</b> , 43, 125-31	6.6	35
266	Deposition of selenium thin layers on gold surfaces from sulphuric acid media: Studies using electrochemical quartz crystal microbalance, cyclic voltammetry and AFM. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 1184-1192	6.7	35
265	SnO(2)-based materials for pesticide degradation. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 180, 145-51	12.8	35
264	Hydrogen evolution on electrodeposited Ni and Hg ultramicroelectrodes. <i>Electrochimica Acta</i> , <b>1998</b> , 43, 367-373	6.7	35
263	Neural Mechanisms of Exercise: Anti-Depression, Neurogenesis, and Serotonin Signaling. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1307-11	2.6	35
262	Effects of transcranial direct current stimulation on time limit and ratings of perceived exertion in physically active women. <i>Neuroscience Letters</i> , <b>2018</b> , 662, 12-16	3.3	34
261	Transgenerational Inheritance of Paternal Neurobehavioral Phenotypes: Stress, Addiction, Ageing and Metabolism. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6367-6376	6.2	34

260	Carbon Surfaces for Electroanalytical Applications: A Comparative Study. <i>Analytical Letters</i> , <b>2005</b> , 38, 1115-1125	2.2	34
259	Wii-based exercise program to improve physical fitness, motor proficiency and functional mobility in adults with Down syndrome. <i>Journal of Intellectual Disability Research</i> , <b>2017</b> , 61, 755-765	3.2	33
258	4'-Aminochalcones as novel inhibitors of the chlorinating activity of myeloperoxidase. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 5405-13	4.3	33
257	Hydrogen evolution reaction on Ni <sub>2</sub> S electrodes in alkaline solutions. <i>International Journal of Hydrogen Energy</i> , <b>1994</b> , 19, 17-21	6.7	33
256	Methanol and ethanol electro-oxidation on Pt <sub>5</sub> SnO <sub>2</sub> and Pt <sub>11</sub> Ta <sub>2</sub> O <sub>5</sub> sol-gel-modified boron-doped diamond surfaces. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 117, 434-442	4.4	32
255	Voltametria de onda quadrada. Segunda parte: aplicaões. <i>Quimica Nova</i> , <b>2004</b> , 27, 790-797	1.6	32
254	Illiteracy and brain damage. 2. Manifestations of unilateral neglect in testing "auditory comprehension" with iconographic materials. <i>Brain and Cognition</i> , <b>1987</b> , 6, 243-65	2.7	32
253	Carbon nanotubes modified with antimony nanoparticles: A novel material for electrochemical sensing. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 560-565	6.7	31
252	A Biosensor Based on Polyaniline-Carbon Nanotube Core-Shell for Electrochemical Detection of Pesticides. <i>Electroanalysis</i> , <b>2011</b> , 23, 2586-2593	3	31
251	Electroanalytical and chromatographic determination of pentachlorophenol and related molecules in a contaminated soil: a real case example. <i>Microchemical Journal</i> , <b>2004</b> , 77, 177-184	4.8	31
250	Selective oxidation of pentachlorophenol on diamond electrodes. <i>Journal of Applied Electrochemistry</i> , <b>2003</b> , 33, 951-957	2.6	31
249	AFM study of the initial stages of polyaniline growth on ITO electrode. <i>Electrochemistry Communications</i> , <b>2001</b> , 3, 229-233	5.1	31
248	Effect of the surface organization with carbon nanotubes on the electrochemical detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 177, 14-18	8.5	30
247	The cortisol response to exercise in young adults. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 13	3.5	30
246	Comparing atrazine and cyanuric acid electro-oxidation on mixed oxide and boron-doped diamond electrodes. <i>Environmental Technology (United Kingdom)</i> , <b>2013</b> , 34, 1043-51	2.6	30
245	Anticorrosive cerium-based coatings prepared by the sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 52, 415-423	2.3	30
244	The processes involved in the Se electrodeposition and dissolution on Au electrode: the H <sub>2</sub> Se formation. <i>Journal of Solid State Electrochemistry</i> , <b>2008</b> , 12, 679-686	2.6	30
243	AFM studies and electrochemical characterization of boron-doped diamond surfaces modified with metal oxides by the Sol-Gel method. <i>Journal of the Brazilian Chemical Society</i> , <b>2006</b> , 17, 257-264	1.5	29

242	Biosensor Based on Electrocodeposition of Carbon Nanotubes/Polypyrrole/Laccase for Neurotransmitter Detection. <i>Electroanalysis</i> , <b>2013</b> , 25, 394-400	3	28
241	Improving methodological aspects of the analysis of five regulated haloacetic acids in water samples by solid-phase extraction, ion-pair liquid chromatography and electrospray tandem mass spectrometry. <i>Talanta</i> , <b>2012</b> , 94, 90-8	6.2	27
240	Determination of triazine herbicides: development of an electroanalytical method utilizing a solid amalgam electrode that minimizes toxic waste residues, and a comparative study between voltammetric and chromatographic techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 2245-53	4.4	27
239	One-week triple therapy with esomeprazole, clarithromycin and metronidazole provides effective eradication of <i>Helicobacter pylori</i> infection. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2003</b> , 17, 1381-7	6.1	27
238	Electroanalytical Determination of the Herbicide Atrazine in Natural Waters. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1996</b> , 62, 65-76	1.8	27
237	The value of repetitive transcranial magnetic stimulation (rTMS) for the treatment of anxiety disorders: an integrative review. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2011</b> , 10, 610-20	2.6	27
236	Effects of Exercise on Physical and Mental Health, and Cognitive and Brain Functions in Schizophrenia: Clinical and Experimental Evidence. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1244-54	2.6	26
235	Acute effects of single dose transcranial direct current stimulation on muscle strength: A systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209513	3.7	26
234	Virtual Reality-Based Exercise with Exergames as Medicine in Different Contexts: A Short Review. <i>Clinical Practice and Epidemiology in Mental Health</i> , <b>2019</b> , 15, 15-20	3.2	25
233	The management of fibromyalgia from a psychosomatic perspective: an overview. <i>International Review of Psychiatry</i> , <b>2017</b> , 29, 473-488	3.6	25
232	New developments in the analysis of fragrances and earthy-musty compounds in water by solid-phase microextraction (metal alloy fibre) coupled with gas chromatography-(tandem) mass spectrometry. <i>Talanta</i> , <b>2011</b> , 84, 1133-40	6.2	25
231	Effects on Volume Load and Ratings of Perceived Exertion in Individuals' Advanced Weight Training After Transcranial Direct Current Stimulation. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 89-96	3.2	25
230	Neuroplastic Changes Following Social Cognition Training in Schizophrenia: A Systematic Review. <i>Neuropsychology Review</i> , <b>2016</b> , 26, 310-328	7.7	24
229	Is rTMS an effective therapeutic strategy that can be used to treat anxiety disorders?. <i>Neuropharmacology</i> , <b>2012</b> , 62, 125-34	5.5	24
228	Utilizaço de tcnicas eletroanalticas na determinao de pesticidas em alimentos. <i>Quimica Nova</i> , <b>2006</b> , 29, 105-112	1.6	24
227	Benefits of physical activity and physical exercise in the time of pandemic. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , <b>2020</b> , 12, S264-S266	7.8	24
226	Anodic linear sweep voltammetric analysis of Niâ alloys electrodeposited from dilute sulfate baths. <i>Journal of Applied Electrochemistry</i> , <b>2003</b> , 33, 367-372	2.6	23
225	Psychiatric comorbidity in diabetes type 1: a cross-sectional observational study. <i>Revista Da Associao Mdica Brasileira</i> , <b>2014</b> , 60, 59-62	1.4	22



224	Underpotential deposition of silver on polycrystalline platinum studied by cyclic voltammetry and rotating ring-disc techniques. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1997</b> , 93, 3999-4003		22
223	Wii-Workouts on Chronic Pain, Physical Capabilities and Mood of Older Women: A Randomized Controlled Double Blind Trial. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1157-64	2.6	22
222	Revealing the role of the endocannabinoid system modulators, SR141716A, URB597 and VDM-11, in sleep homeostasis. <i>Neuroscience</i> , <b>2016</b> , 339, 433-449	3.9	22
221	Role of -Arachidonoyl-Serotonin (AA-5-HT) in Sleep-Wake Cycle Architecture, Sleep Homeostasis, and Neurotransmitters Regulation. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 152	6.1	21
220	Clonazepam for the treatment of panic disorder. <i>Current Drug Targets</i> , <b>2013</b> , 14, 353-64	3	21
219	Bupropion in the depression-related sexual dysfunction: a systematic review. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2014</b> , 13, 1079-88	2.6	21
218	Effects of Aerobic Exercise on Anxiety Disorders: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2015</b> , 14, 1184-93	2.6	21
217	Increasing exercise's effect on mental health: Exercise intensity does matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E11890-E11891	11.5	21
216	Detrimental role of prolonged sleep deprivation on adult neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 140	6.1	20
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