

Eder Zavala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5013469/publications.pdf>

Version: 2024-02-01

19
papers

230
citations

1307594

7
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

259
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Modelling the dynamic interaction of systemic inflammation and the hypothalamic-pituitary-adrenal (HPA) axis during and after cardiac surgery. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210925. | 3.4 | 9 |
| 2 | Misaligned hormonal rhythmicity: Mechanisms of origin and their clinical significance. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13144. | 2.6 | 5 |
| 3 | Analysis of wearable time series data in endocrine and metabolic research. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, , 100380. | 1.4 | 1 |
| 4 | Modelling Hydrocortisone Pharmacokinetics on a Subcutaneous Pulsatile Infusion Replacement Strategy in Patients with Adrenocortical Insufficiency. <i>Pharmaceutics</i> , 2021, 13, 769. | 4.5 | 2 |
| 5 | SOMiMS - Topographic Mapping in the Model Space. <i>Lecture Notes in Computer Science</i> , 2021, , 502-510. | 1.3 | 0 |
| 6 | Wearable technology and systems modeling for personalized chronotherapy. <i>Current Opinion in Systems Biology</i> , 2020, 21, 9-15. | 2.6 | 29 |
| 7 | Dynamic Hormone Control of Stress and Fertility. <i>Frontiers in Physiology</i> , 2020, 11, 598845. | 2.8 | 22 |
| 8 | Are emotional states based in the brain? A critique of affective brainocentrism from a physiological perspective. <i>Biology and Philosophy</i> , 2019, 34, 45. | 1.4 | 15 |
| 9 | Mathematical Modelling of Endocrine Systems. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 244-257. | 7.1 | 66 |
| 10 | Dynamic responses of the adrenal steroidogenic regulatory network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6466-E6474. | 7.1 | 50 |
| 11 | The Long and Viscous Road: Uncovering Nuclear Diffusion Barriers in Closed Mitosis. <i>PLoS Computational Biology</i> , 2014, 10, e1003725. | 3.2 | 3 |
| 12 | Delays Induce Novel Stochastic Effects in Negative Feedback Gene Circuits. <i>Biophysical Journal</i> , 2014, 106, 467-478. | 0.5 | 20 |
| 13 | Stochastic Discrete Effects in a Simple Gene Circuit with Delayed Negative Feedback. <i>Biophysical Journal</i> , 2014, 106, 376a. | 0.5 | 0 |
| 14 | An Analysis of Overall Network Architecture Reveals an Infinite-period Bifurcation Underlying Oscillation Arrest in the Segmentation Clock. <i>Mathematical Modelling of Natural Phenomena</i> , 2012, 7, 95-106. | 2.4 | 2 |
| 15 | Synthesis and Study of Nanostructures Via Microwave Heating. <i>Materials Research Society Symposia Proceedings</i> , 2004, 821, 117. | 0.1 | 2 |
| 16 | ULTRADIAN adrenal steroid metabolodynamics successfully discriminates pituitary Cushing's disease from healthy normal variation. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |
| 17 | The ULTRADIAN consortium - Ambulatory in vivo micro dialysis in primary adrenal insufficiency, preliminary data. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |
| 18 | 24-hour dynamics of free tissue adrenal hormones: A description of healthy normal variation. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Modelling changes in the control, secretion and metabolism of cortisol during and after heart surgery. Endocrine Abstracts, 0, , . | 0.0 | 0 |