

George E Davis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4272534/publications.pdf>

Version: 2024-02-01

21
papers

266
citations

932766

10
h-index

940134

16
g-index

21
all docs

21
docs citations

21
times ranked

271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Solar cycles and their relationship to human disease and adaptability. <i>Medical Hypotheses</i> , 2006, 67, 447-461. | 0.8 | 54 |
| 2 | The light of life: Evidence that the sun modulates human lifespan. <i>Medical Hypotheses</i> , 2008, 70, 501-507. | 0.8 | 40 |
| 3 | Chaotic solar cycles modulate the incidence and severity of mental illness. <i>Medical Hypotheses</i> , 2004, 62, 207-214. | 0.8 | 30 |
| 4 | Peaks of solar cycles affect the gender ratio. <i>Medical Hypotheses</i> , 2008, 71, 829-838. | 0.8 | 19 |
| 5 | Evidence That Latitude is Directly Related to Variation in Suicide Rates. <i>Canadian Journal of Psychiatry</i> , 2002, 47, 572-574. | 0.9 | 16 |
| 6 | The Sun determines human longevity: teratogenic effects of chaotic solar radiation. <i>Medical Hypotheses</i> , 2004, 63, 574-581. | 0.8 | 15 |
| 7 | The effect of solar cycles on human lifespan in the 50 United States: Variation in light affects the human genome. <i>Medical Hypotheses</i> , 2010, 75, 17-25. | 0.8 | 14 |
| 8 | Determining the Number of State Psychiatric Hospital Beds by Measuring Quality of Care with Artificial Neural Networks. <i>American Journal of Medical Quality</i> , 1998, 13, 13-24. | 0.2 | 11 |
| 9 | Short and Long Term Variation in Ultraviolet Radiation and Multiple Sclerosis. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 685-697. | 1.2 | 11 |
| 10 | Using Artificial Neural Networks and the Gutenberg-Richter Power Law to "Rightsize" a Behavioral Health Care System. <i>American Journal of Medical Quality</i> , 1999, 14, 216-228. | 0.2 | 10 |
| 11 | Measuring Quality of Care in a Psychiatric Hospital Using Artificial Neural Networks. <i>American Journal of Medical Quality</i> , 1997, 12, 33-43. | 0.2 | 7 |
| 12 | A Comparative Study of the Psychiatric Care between Locum Tenens and Staff Physicians in a State Hospital. <i>American Journal of Medical Quality</i> , 1998, 13, 70-80. | 0.2 | 7 |
| 13 | Indirect evidence that ultraviolet-B radiation mitigates multiple sclerosis in the United States. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 46-47. | 1.7 | 6 |
| 14 | Solar energy at birth and human lifespan. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 59-68. | 1.7 | 6 |
| 15 | Economic Grand Rounds: The Optimum Expenditure for State Hospitals and Its Relationship to the Suicide Rate. <i>Psychiatric Services</i> , 2002, 53, 675-678. | 1.1 | 5 |
| 16 | Photons and evolution: Quantum mechanical processes modulate sexual differentiation. <i>Medical Hypotheses</i> , 2009, 73, 296-301. | 0.8 | 5 |
| 17 | A field trial using Artificial Neural Networks to predict psychiatric in-patient Length-of-stay. <i>Neural Computing and Applications</i> , 1997, 5, 184-193. | 3.2 | 3 |
| 18 | Variation in ultraviolet radiation and diabetes: evidence of an epigenetic effect that modulates diabetics' lifespan. <i>Clinical Epigenetics</i> , 2013, 5, 5. | 1.8 | 3 |

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|----|---|-----|-----------|
| 19 | The Relationship Between the Fiscal Structure of Mental Health Care Systems and Cost. American Journal of Medical Quality, 2002, 17, 200-205. | 0.2 | 2 |
| 20 | The effect of ultraviolet radiation on the incidence and severity of major mental illness using birth month, birth year, and sunspot data. Heliyon, 2022, 8, e09197. | 1.4 | 2 |
| 21 | Comparing the Value of Service between a State Hospital and a Private, for-Profit Psychiatric Hospital: A Clarified Role for Tertiary Care. American Journal of Medical Quality, 1998, 13, 147-157. | 0.2 | 0 |