HÃ©lÃ¨ne E Aschmann

List of Publications by Year
in descending order

37 papers	1,534 citations	516561 16 h-index	360920 35 g-index
41 all docs	41 docs citations	41 times ranked	1364 citing authors

#	Article	IF	Citations
1	Burden of post-COVID-19 syndrome and implications for healthcare service planning: A population-based cohort study. PLoS ONE, 2021, 16, e0254523.	1.1	189
2	Application of mathematical methods on the system of dynamical equations for the ion sound and Langmuir waves. Pramana - Journal of Physics, 2019, 93, 1.	0.9	157
3	Nonlinear wave solutions of the Kudryashovâ€“Sinelshchikov dynamical equation in mixtures liquid-gas bubbles under the consideration of heat transfer and viscosity. Journal of Taibah University for Science, 2019, 13, 1060-1072.	1.1	134
4	Finding the Balance Between Benefits and Harms When Using Statins for Primary Prevention of Cardiovascular Disease. Annals of Internal Medicine, 2019, 170, 1.	2.0	126
5	Mathematical methods via construction of traveling and solitary wave solutions of three coupled system of nonlinear partial differential equations and their applications. Results in Physics, 2018, 11, 1161-1171.	2.0	109
6	Applications of propagation of long-wave with dissipation and dispersion in nonlinear media via solitary wave solutions of generalized Kadomtsevâ€“Petviashvili modified equal width dynamical equation. Computers and Mathematics With Applications, 2019, 78, 3620-3632.	1.4	104
7	Comparative effectiveness and safety of statins as a class and of specific statins for primary prevention of cardiovascular disease: A systematic review, meta-analysis, and network meta-analysis of randomized trials with 94,283 participants. American Heart Journal, 2019, 210, 18-28.	1.2	102
8	Applications of nonlinear longitudinal wave equation in a magneto-electro-elastic circular rod and new solitary wave solutions. Modern Physics Letters B, 2019, 33, 1950210.	1.0	67
9	Construction of new solitary wave solutions of generalized Zakharov-Kuznetsov-Benjamin-Bona-Mahony and simplified modified form of Camassa-Holm equations. Open Physics, 2018, 16, 896-909.	0.8	53
10	When barriers ignore the â€œrule-of-fiveâ€: Advanced Drug Delivery Reviews, 2016, 101, 62-74.	6.6	52
11	Construction of soliton solutions of the modify unstable nonlinear SchrÃ¶dinger dynamical equation in fiber optics. Indian Journal of Physics, 2020, 94, 823-832.	0.9	44
12	Propagation of long-wave with dissipation and dispersion in nonlinear media via generalized Kadomtsiveâ€“Petviashvili modified equal width-Burgers equation. Indian Journal of Physics, 2020, 94, 675-687.	0.9	44
13	A Physiologically Based Pharmacokinetic Model of Isoniazid and Its Application in Individualizing Tuberculosis Chemotherapy. Antimicrobial Agents and Chemotherapy, 2016, 60, 6134-6145.	1.4	40
14	Propagation of the nonlinear damped Kortewegâ€de Vries equation in an unmagnetized collisional dusty plasma via analytical mathematical methods. Mathematical Methods in the Applied Sciences, 2021, 44, 737-748.	1.2	36
15	A Data-Driven Simulation of the Exposure Notification Cascade for Digital Contact Tracing of SARS-CoV-2 in Zurich, Switzerland. JAMA Network Open, 2021, 4, e218184.	2.8	25
16	Should statin guidelines consider patient preferences? Eliciting preferences of benefit and harm outcomes of statins for primary prevention of cardiovascular disease in the sub-Saharan African and European contexts. BMC Cardiovascular Disorders, 2018, 18, 97.	0.7	21
17	Construction of traveling and solitary wave solutions for wave propagation in nonlinear low-pass electrical transmission lines. Journal of King Saud University - Science, 2020, 32, 2752-2761.	1.6	21
18	Kinetics of lipid bilayer permeation of a series of ionisable drugs and their correlation with human transporter-independent intestinal permeability. European Journal of Pharmaceutical Sciences, 2017, 104, 150-161.	1.9	19

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19	Racial and Ethnic Disparities in Estimated Excess Mortality From External Causes in the US, March to December 2020. JAMA Internal Medicine, 2022, 182, 776.	2.6	18
20	A benefitâ€“harm analysis of adding basal insulin vs. sulfonylurea to metformin to manage type II diabetes mellitus in people with multiple chronic conditions. Journal of Clinical Epidemiology, 2019, 113, 92-100.	2.4	15
21	Instability of modulation wave train and disturbance of time period in slightly stable media for unstable nonlinear SchrÃ¶dinger dynamical equation. Modern Physics Letters B, 2020, 34, 2150010.	1.0	15
22	Adherence and Association of Digital Proximity Tracing App Notifications With Earlier Time to Quarantine: Results From the Zurich SARS-CoV-2 Cohort Study. International Journal of Public Health, 2021, 66, 1603992.	1.0	14
23	Excess natural-cause deaths in California by cause and setting: March 2020 through February 2021. , 2022, 1, .		13
24	Structure of analytical ion-acoustic solitary wave solutions for the dynamical system of nonlinear wave propagation. Open Physics, 2022, 20, 313-333.	0.8	11
25	A Comparative Analysis of Drug-Induced Hepatotoxicity in Clinically Relevant Situations. PLoS Computational Biology, 2017, 13, e1005280.	1.5	10
26	Informing Patient-Centered Care Through Stakeholder Engagement and Highly Stratified Quantitative Benefitâ€“Harm Assessments. Value in Health, 2020, 23, 616-624.	0.1	9
27	Optical soliton solutions for nonlinear complex Ginzburgâ€“Landau dynamical equation with laws of nonlinearity Kerr law media. International Journal of Modern Physics B, 2020, 34, 2050179.	1.0	8
28	Outcome preferences of older people with multiple chronic conditions and hypertension: a cross-sectional survey using best-worst scaling. Health and Quality of Life Outcomes, 2019, 17, 186.	1.0	7
29	Mental health of individuals infected with SARS-CoV-2 during mandated isolation and compliance with recommendationsâ€”A population-based cohort study. PLoS ONE, 2022, 17, e0264655.	1.1	7
30	Individual-Level Evaluation of the Exposure Notification Cascade in the SwissCovid Digital Proximity Tracing App: Observational Study. JMIR Public Health and Surveillance, 2022, 8, e35653.	1.2	7
31	Net benefit of statins for primary prevention of cardiovascular disease in people 75 years or older: a benefitâ€“harm balance modeling study. Therapeutic Advances in Chronic Disease, 2019, 10, 204062231987774.	1.1	6
32	Balance of benefits and harms of different blood pressure targets in people with multiple chronic conditions: a quantitative benefit-harm assessment. BMJ Open, 2019, 9, e028438.	0.8	6
33	Global variation of risk thresholds for initiating statins for primary prevention of cardiovascular disease: a benefit-harm balance modelling study. BMC Cardiovascular Disorders, 2020, 20, 418.	0.7	5
34	Statins for Primary Prevention of Cardiovascular Disease. Annals of Internal Medicine, 2019, 171, 74.	2.0	3
35	Benefit-harm balance of fingolimod in patients with MS: A modelling study based on FREEDOMS. Multiple Sclerosis and Related Disorders, 2020, 46, 102464.	0.9	3
36	Large-scale prevention trials could provide stronger evidence for decision-makers: Opportunities to design and report with a focus on the benefitâ€“harm balance. Clinical Trials, 2022, , 174077452110685.	0.7	2

#	Article	IF	Citations
37	Rejoinder to Dr Vickers. Clinical Trials, 2022, , 174077452110685.	0.7	0