

Adam Mahdi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

494
citations

623188

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h-index

713013

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g-index

33
all docs

33
docs citations

33
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential health and economic impacts of dexamethasone treatment for patients with COVID-19. Nature Communications, 2021, 12, 915.	5.8	40
2	OxCOVID19 Database, a multimodal data repository for better understanding the global impact of COVID-19. Scientific Reports, 2021, 11, 9237.	1.6	10
3	Estimated Prevalence of Hypertension and Undiagnosed Hypertension in a Large Inpatient Population: A Cross-sectional Observational Study. American Journal of Hypertension, 2021, 34, 963-972.	1.0	11
4	Study protocol for an exploratory interventional study investigating the feasibility of video-based non-contact physiological monitoring in healthy volunteers by Mapping Of Lower Limb skIn pErfusion (MOLLIE). BMJ Open, 2020, 10, e036235.	0.8	3
5	Sensitivity analysis methods in the biomedical sciences. Mathematical Biosciences, 2020, 323, 108306.	0.9	91
6	Assessment of dynamic cerebral autoregulation in humans: Is reproducibility dependent on blood pressure variability?. PLoS ONE, 2020, 15, e0227651.	1.1	17
7	Title is missing!. , 2020, 15, e0227651.		0
8	Title is missing!. , 2020, 15, e0227651.		0
9	Title is missing!. , 2020, 15, e0227651.		0
10	Title is missing!. , 2020, 15, e0227651.		0
11	Dynamic Cerebral Autoregulation Reproducibility Is Affected by Physiological Variability. Frontiers in Physiology, 2019, 10, 865.	1.3	29
12	Circadian Blood Pressure Variations Computed From 1.7 Million Measurements in an Acute Hospital Setting. American Journal of Hypertension, 2019, 32, 1154-1161.	1.0	11
13	Screening for Hypertension in the INpatient Environment(SHINE): a protocol for a prospective study of diagnostic accuracy among adult hospital patients. BMJ Open, 2019, 9, e033792.	0.8	5
14	Bayesian Inference in Non-Markovian State-Space Models With Applications to Battery Fractional-Order Systems. IEEE Transactions on Control Systems Technology, 2018, 26, 497-506.	3.2	17
15	A hybrid symbolic-numerical approach to the center-focus problem. Journal of Symbolic Computation, 2017, 82, 57-73.	0.5	10
16	Increased blood pressure variability upon standing up improves reproducibility of cerebral autoregulation indices. Medical Engineering and Physics, 2017, 47, 151-158.	0.8	22
17	Effects of non-physiological blood pressure artefacts on cerebral autoregulation. Medical Engineering and Physics, 2017, 47, 218-221.	0.8	5
18	At what data length do cerebral autoregulation measures stabilise?. Physiological Measurement, 2017, 38, 1396-1404.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Conservation Laws in Biochemical Reaction Networks. SIAM Journal on Applied Dynamical Systems, 2017, 16, 2213-2232.	0.7	6
20	Modeling Cerebral Blood Flow Velocity During Orthostatic Stress. Annals of Biomedical Engineering, 2015, 43, 1748-1758.	1.3	19
21	Structural Identifiability of Viscoelastic Mechanical Systems. PLoS ONE, 2014, 9, e86411.	1.1	11
22	Integrability of the Hideâ€“Skeldonâ€“Acheson dynamo. Bulletin Des Sciences Mathematiques, 2014, 138, 470-482.	0.5	3
23	Darboux integrability of the $L^{\frac{1}{4}}$ system. Journal of Geometry and Physics, 2013, 63, 118-128.	0.7	16
24	Stability and periodic oscillations in the Moonâ€“Rand systems. Nonlinear Analysis: Real World Applications, 2013, 14, 294-313.	0.9	19
25	CENTER PROBLEM FOR THIRD-ORDER ODEs. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350078.	0.7	9
26	Modeling the Afferent Dynamics of the Baroreflex Control System. PLoS Computational Biology, 2013, 9, e1003384.	1.5	35
27	Analytic non-integrability of the Suslov problem. Journal of Mathematical Physics, 2012, 53, .	0.5	4
28	The center problem on a center manifold in. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 2614-2622.	0.6	45
29	Centers on center manifolds in the $L^{\frac{1}{4}}$ system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3509-3511.	0.9	17
30	The geometry of the real planar polynomial differential systems having their orbits embedded in conics. Dynamical Systems, 2011, 26, 287-321.	0.2	2
31	Polynomial inverse integrating factors for polynomial vector fields. Discrete and Continuous Dynamical Systems, 2007, 17, 387-395.	0.5	18
32	Rigid centres on the center manifold of tridimensional differential systems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 0, , 1-23.	0.8	0