

# Kaspar M B Jansen

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

443  
citations

759233

12  
h-index

752698

20  
g-index

35  
all docs

35  
docs citations

35  
times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	A transient thermal sensation equation fit for the modified Stolwijk model. Intelligent Buildings International, 2023, 15, 31-44.	2.3	2
2	A larger statistical basis and a wider application area of a re-derived PPD equation in the (NEN-)EN-ISO 7730 model. Intelligent Buildings International, 2023, 15, 170-174.	2.3	0
3	A larger statistical basis and a wider application area of the PMV equation in the Fanger model: application area of the PMV equation. Intelligent Buildings International, 2022, 14, 517-524.	2.3	0
4	Multi-scale experimental testing on variable stiffness and damping components for semi-active structural control. Composite Structures, 2022, 281, 114976.	5.8	4
5	An End-to-End Deep Learning Pipeline for Football Activity Recognition Based on Wearable Acceleration Sensors. Sensors, 2022, 22, 1347.	3.8	9
6	Low-Cost Wearable Fluidic Sweat Collection Patch for Continuous Analyte Monitoring and Offline Analysis. Analytical Chemistry, 2022, 94, 6893-6901.	6.5	10
7	Impact of different climatic conditions on peak core temperature of elite athletes during exercise in the heat: a Thermo Tokyo simulation study. BMJ Open Sport and Exercise Medicine, 2022, 8, e001313.	2.9	6
8	Things that help out: designing smart wearables as partners in stress management. AI and Society, 2021, 36, 251-261.	4.6	3
9	Performance and thermoregulation of Dutch Olympic and Paralympic athletes exercising in the heat: Rationale and design of the Thermo Tokyo study: The journal<i>Temperature</i> toolbox. Temperature, 2021, 8, 209-222.	3.0	8
10	4D printing of reconfigurable metamaterials and devices. Communications Materials, 2021, 2, .	6.9	60
11	Seismic control performance of a three-story frame prototype equipped with semi-active variable stiffness and damping structural joints. Earthquake Engineering and Structural Dynamics, 2021, 50, 3379-3402.	4.4	10
12	Protection to thermal impact of solar radiation: evaluation of selected reflective fabrics. Communications in Development and Assembling of Textile Products, 2021, 2, 103-114.	0.4	1
13	Smart sensor tights: Movement tracking of the lower limbs in football. Wearable Technologies, 2021, 2, .	3.1	7
14	A New Approach for Monitoring Sweat Ammonia Levels Using a Ventilated Capsule. , 2021, 10, .		0
15	Design and characterization of variable stiffness structural joints. Materials and Design, 2020, 187, 108353.	7.0	12
16	Vibration Suppression Through Variable Stiffness and Damping Structural Joints. Frontiers in Built Environment, 2020, 6, .	2.3	3
17	Performance Evaluation of Knitted and Stitched Textile Strain Sensors. Sensors, 2020, 20, 7236.	3.8	25
18	A wearable fluidic collection patch and ion chromatography method for sweat electrolyte monitoring during exercise. Analytical Methods, 2020, 12, 5885-5892.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Effects of Surface Modification on Optical Properties and Thermal Stability of $K_2SiF_6:Mn^{4+}$ Red Phosphors by Deposition of an Ultrathin $Al_2O_3$ Layer Using Gas-Phase Deposition in a Fluidized Bed Reactor. ECS Journal of Solid State Science and Technology, 2019, 8, R88-R96.	1.8	27
20	3D Printed Actuators: Reversibility, Relaxation, and Ratcheting. Advanced Functional Materials, 2019, 29, 1905545.	14.9	12
21	Creep behaviour of FM906 glass-fibre epoxy as used in heated fibre metal laminates. Journal of Composite Materials, 2019, 53, 3829-3840.	2.4	5
22	Hydrophobin gene deletion and environmental growth conditions impact mechanical properties of mycelium by affecting the density of the material. Scientific Reports, 2018, 8, 4703.	3.3	92
23	Composition dependent properties of graphene (oxide)-alginate biopolymer nanocomposites. Polymer Composites, 2018, 39, E236.	4.6	8
24	Making 'a drop of light': an illustrative case of designing for electroluminescent material experiences. International Journal of Design Engineering, 2018, 8, 170.	0.3	1
25	Towards High Performance Metal-Organic Framework-Microporous Polymer Mixed Matrix Membranes: Addressing Compatibility and Limiting Aging by Polymer Doping. Chemistry - A European Journal, 2018, 24, 12796-12800.	3.3	24
26	A Novel 12-Lead Electrocardiographic System for Home Use: Development and Usability Testing. JMIR MHealth and UHealth, 2018, 6, e10126.	3.7	18
27	Water Sorption and Diffusion in (Reduced) Graphene Oxide-Alginate Biopolymer Nanocomposites. Macromolecular Materials and Engineering, 2016, 301, 1049-1063.	3.6	20
28	Mechanical characterization of a shape morphing smart composite with embedded shape memory alloys in a shape memory polymer matrix. Journal of Intelligent Material Systems and Structures, 2016, 27, 2038-2048.	2.5	17
29	Warpage Estimation of a Multilayer Package Including Cure Shrinkage Effects. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 459-466.	2.5	12
30	Establishment of the coarse grained parameters for epoxy-copper interfacial separation. Journal of Applied Physics, 2012, 111, 094906.	2.5	7
31	Establishment of the coarse grained parameters for epoxy-copper interfacial separation. , 2012, , .		0
32	Fast reliability qualification of SiP products. Microelectronics Reliability, 2009, 49, 958-962.	1.7	6
33	Inhibition of glycosaminoglycan incorporation influences collagen network formation during cartilage matrix production. Biochemical and Biophysical Research Communications, 2009, 379, 222-226.	2.1	7
34	Influence of matrix viscoelastic properties on thermal conductivity of TCA - Numerical approach. Microelectronics Reliability, 2007, 47, 1989-1996.	1.7	13