

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	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
2	4D printing of reconfigurable metamaterials and devices. Communications Materials, 2021, 2, .	6.9	60
3	Effects of Surface Modification on Optical Properties and Thermal Stability of $K_{2}SiF_{6}Mn^{4+}$ Red Phosphors by Deposition of an Ultrathin $Al_{2}O_{3}$ 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
4	Performance Evaluation of Knitted and Stitched Textile Strain Sensors. Sensors, 2020, 20, 7236.	3.8	25
5	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
6	Water Sorption and Diffusion in (Reduced) Graphene Oxide-Alginate Biopolymer Nanocomposites. Macromolecular Materials and Engineering, 2016, 301, 1049-1063.	3.6	20
7	A Novel 12-Lead Electrocardiographic System for Home Use: Development and Usability Testing. JMIR MHealth and UHealth, 2018, 6, e10126.	3.7	18
8	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
9	A wearable fluidic collection patch and ion chromatography method for sweat electrolyte monitoring during exercise. Analytical Methods, 2020, 12, 5885-5892.	2.7	14
10	Influence of matrix viscoelastic properties on thermal conductivity of TCA - Numerical approach. Microelectronics Reliability, 2007, 47, 1989-1996.	1.7	13
11	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
12	3D Printed Actuators: Reversibility, Relaxation, and Ratcheting. Advanced Functional Materials, 2019, 29, 1905545.	14.9	12
13	Design and characterization of variable stiffness structural joints. Materials and Design, 2020, 187, 108353.	7.0	12
14	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
15	Low-Cost Wearable Fluidic Sweat Collection Patch for Continuous Analyte Monitoring and Offline Analysis. Analytical Chemistry, 2022, 94, 6893-6901.	6.5	10
16	An End-to-End Deep Learning Pipeline for Football Activity Recognition Based on Wearable Acceleration Sensors. Sensors, 2022, 22, 1347.	3.8	9
17	Composition dependent properties of graphene (oxide)-alginate biopolymer nanocomposites. Polymer Composites, 2018, 39, E236.	4.6	8
18	Performance and thermoregulation of Dutch Olympic and Paralympic athletes exercising in the heat: Rationale and design of the Thermo Tokyo study: The journal of Temperature. Temperature, 2021, 8, 209-222.	3.0	8

#	ARTICLE	IF	CITATIONS
19	Inhibition of glycosaminoglycan incorporation influences collagen network formation during cartilage matrix production. Biochemical and Biophysical Research Communications, 2009, 379, 222-226.	2.1	7
20	Establishment of the coarse grained parameters for epoxy-copper interfacial separation. Journal of Applied Physics, 2012, 111, 094906.	2.5	7
21	Smart sensor tights: Movement tracking of the lower limbs in football. Wearable Technologies, 2021, 2, .	3.1	7
22	Fast reliability qualification of SiP products. Microelectronics Reliability, 2009, 49, 958-962.	1.7	6
23	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
24	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
25	Multi-scale experimental testing on variable stiffness and damping components for semi-active structural control. Composite Structures, 2022, 281, 114976.	5.8	4
26	Vibration Suppression Through Variable Stiffness and Damping Structural Joints. Frontiers in Built Environment, 2020, 6, .	2.3	3
27	Things that help out: designing smart wearables as partners in stress management. AI and Society, 2021, 36, 251-261.	4.6	3
28	A transient thermal sensation equation fit for the modified Stolwijk model. Intelligent Buildings International, 2023, 15, 31-44.	2.3	2
29	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
30	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
31	Establishment of the coarse grained parameters for epoxy-copper interfacial separation. , 2012, , .		0
32	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
33	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
34	A New Approach for Monitoring Sweat Ammonia Levels Using a Ventilated Capsule. , 2021, 10, .		0