

Kaspar M B Jansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3435833/publications.pdf>

Version: 2024-02-01

34
papers

443
citations

858243

12
h-index

843174

20
g-index

35
all docs

35
docs citations

35
times ranked

603
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. <i>Scientific Reports</i> , 2018, 8, 4703.	1.6	92
2	4D printing of reconfigurable metamaterials and devices. <i>Communications Materials</i> , 2021, 2, .	2.9	60
3	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. <i>ECS Journal of Solid State Science and Technology</i> , 2019, 8, R88-R96.	0.9	27
4	Performance Evaluation of Knitted and Stitched Textile Strain Sensors. <i>Sensors</i> , 2020, 20, 7236.	2.1	25
5	Towards High Performance Metal-Organic Framework-Microporous Polymer Mixed Matrix Membranes: Addressing Compatibility and Limiting Aging by Polymer Doping. <i>Chemistry - A European Journal</i> , 2018, 24, 12796-12800.	1.7	24
6	Water Sorption and Diffusion in (Reduced) Graphene Oxide-Alginate Biopolymer Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1049-1063.	1.7	20
7	A Novel 12-Lead Electrocardiographic System for Home Use: Development and Usability Testing. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10126.	1.8	18
8	Mechanical characterization of a shape morphing smart composite with embedded shape memory alloys in a shape memory polymer matrix. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 2038-2048.	1.4	17
9	A wearable fluidic collection patch and ion chromatography method for sweat electrolyte monitoring during exercise. <i>Analytical Methods</i> , 2020, 12, 5885-5892.	1.3	14
10	Influence of matrix viscoelastic properties on thermal conductivity of TGA - Numerical approach. <i>Microelectronics Reliability</i> , 2007, 47, 1989-1996.	0.9	13
11	Warpage Estimation of a Multilayer Package Including Cure Shrinkage Effects. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2013, 3, 459-466.	1.4	12
12	3D Printed Actuators: Reversibility, Relaxation, and Ratcheting. <i>Advanced Functional Materials</i> , 2019, 29, 1905545.	7.8	12
13	Design and characterization of variable stiffness structural joints. <i>Materials and Design</i> , 2020, 187, 108353.	3.3	12
14	Seismic control performance of a three-story frame prototype equipped with semi-active variable stiffness and damping structural joints. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 3379-3402.	2.5	10
15	Low-Cost Wearable Fluidic Sweat Collection Patch for Continuous Analyte Monitoring and Offline Analysis. <i>Analytical Chemistry</i> , 2022, 94, 6893-6901.	3.2	10
16	An End-to-End Deep Learning Pipeline for Football Activity Recognition Based on Wearable Acceleration Sensors. <i>Sensors</i> , 2022, 22, 1347.	2.1	9
17	Composition dependent properties of graphene (oxide)-alginate biopolymer nanocomposites. <i>Polymer Composites</i> , 2018, 39, E236.	2.3	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 <i>Temperature</i> toolbox. <i>Temperature</i> , 2021, 8, 209-222.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Inhibition of glycosaminoglycan incorporation influences collagen network formation during cartilage matrix production. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 222-226.	1.0	7
20	Establishment of the coarse grained parameters for epoxy-copper interfacial separation. <i>Journal of Applied Physics</i> , 2012, 111, 094906.	1.1	7
21	Smart sensor tights: Movement tracking of the lower limbs in football. <i>Wearable Technologies</i> , 2021, 2, .	1.6	7
22	Fast reliability qualification of SiP products. <i>Microelectronics Reliability</i> , 2009, 49, 958-962.	0.9	6
23	Impact of different climatic conditions on peak core temperature of elite athletes during exercise in the heat: a Thermo Tokyo simulation study. <i>BMJ Open Sport and Exercise Medicine</i> , 2022, 8, e001313.	1.4	6
24	Creep behaviour of FM906 glass-fibre epoxy as used in heated fibre metal laminates. <i>Journal of Composite Materials</i> , 2019, 53, 3829-3840.	1.2	5
25	Multi-scale experimental testing on variable stiffness and damping components for semi-active structural control. <i>Composite Structures</i> , 2022, 281, 114976.	3.1	4
26	Vibration Suppression Through Variable Stiffness and Damping Structural Joints. <i>Frontiers in Built Environment</i> , 2020, 6, .	1.2	3
27	Things that help out: designing smart wearables as partners in stress management. <i>AI and Society</i> , 2021, 36, 251-261.	3.1	3
28	A transient thermal sensation equation fit for the modified Stolwijk model. <i>Intelligent Buildings International</i> , 2023, 15, 31-44.	1.3	2
29	Making 'a drop of light': an illustrative case of designing for electroluminescent material experiences. <i>International Journal of Design Engineering</i> , 2018, 8, 170.	0.3	1
30	Protection to thermal impact of solar radiation: evaluation of selected reflective fabrics. <i>Communications in Development and Assembling of Textile Products</i> , 2021, 2, 103-114.	0.3	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. <i>Intelligent Buildings International</i> , 2022, 14, 517-524.	1.3	0
33	A larger statistical basis and a wider application area of a re-derived PPD equation in the (NEN-)EN-ISO 7730 model. <i>Intelligent Buildings International</i> , 2023, 15, 170-174.	1.3	0
34	A New Approach for Monitoring Sweat Ammonia Levels Using a Ventilated Capsule. , 2021, 10, .		0