Eduardo Krger

List of Publications by Year in Descending Order

85 papers	1,872 citations	24 h-index	42 g-index
104 ext. papers	2,143 ext. citations	4 avg, IF	5.4 L-index

#	Paper	IF	Citations
85	Responsive architecture: a bibliometric analysis of scientific production. *Ambiente Construído*, **2022**, 22, 31-45	0.4	
84	Calibrating UTCIÕs comfort assessment scale for three Brazilian cities with different climatic conditions. *International Journal of Biometeorology*, **2021**, 65, 1463-1472	3.7	7
83	Experimental study on a low energy radiant-capacitive heating and cooling system. *Energy and Buildings*, **2021**, 255, 111674	7	
82	Proposed Framework for Establishing a Global Database for Outdoor Thermal Comfort Research **2021**, 209-223		1
81	Regional Adaptation of the UTCI: Comparisons Between Different Datasets in Brazil **2021**, 113-135		0
80	Long and Short-Term Acclimatization Effects on Outdoor Thermal Perception Versus UTCI **2021**, 81-112		0
79	Percepˆ ı̃o tˆ ermica em um ambiente com painˆ ıs radiantes acoplados a um teto-reservatˆ ório. *Ambiente Construído*, **2021**, 21, 335-356	0.4	
78	Literature Review on UTCI Applications **2021**, 23-65		0
77	Sensitivity of UTCI Thermal Comfort Prediction to Personal and Situational FactorsâResidual Analysis of Pedestrian Survey Data **2021**, 67-80		
76	Experimentos de campo com teto-reservatˆ ório e painˆ ıs para resfriamento radiante em uma edificaˆ ı̃o-teste. *Ambiente Construído*, **2021**, 21, 357-384	0.4	
75	Shading analysis of urban squares using open-source software and free satellite imagery. *Applied Geomatics*, **2020**, 12, 441-454	2.2	4
74	Application of Arduino-Based Systems as Monitoring Tools in Indoor Comfort Studies: A Bibliometric Analysis. *International Journal of Architectural Engineering Technology*, **2020**, 7, 1-12	0.3	
73	Avaliaˆ ı̃oPˆ s-Ocupaˆ ı̃o de uma Cˆ ımara Bioclimˆ ática de Baixo Custo: a percepˆ ı̃o tˆ ermica e acˆ ústica no diagnˆ óstico de um ambiente construˆ ído. *Ambiente Construído*, **2020**, 20, 285-303	0.4	
72	Efeito de orientaˆ ı̃o de janela nas condiˆ ı̃es tˆ ermicas do ambiente e na percepˆ ı̃o do usuˆ ário. *Ambiente Construído*, **2020**, 20, 79-98	0.4	
71	Energy performance evaluation and comparison of sampled Brazilian bank buildings with the existing and proposed energy rating systems. *Energy and Buildings*, **2020**, 225, 110304	7	2
70	Identifying solar access effects on visitorsTbehavior in outdoor resting areas in a subtropical location: a case study in Japan Square in Curitiba, Brazil. *International Journal of Biometeorology*, **2019**, 63, 301-313	3.7	1
69	Green roof retrofitting of a lightweight security booth under subtropical conditions. *Urban Forestry and Urban Greening*, **2019**, 43, 126361	5.4	0

68	Estudo sobre interferˆ ncias da morfologia urbana na percepˆ o tˆ rmica humana. *Brazilian Journal of Development*, **2019**, 5, 11746-11758	0	
67	Classification and energy analysis of bank building stock: A case study in Curitiba, Brazil. *Journal of Building Engineering*, **2019**, 23, 259-269	5.2	5
66	Interferences of urban form on human thermal perception. *Science of the Total Environment*, **2019**, 653, 1067-1076	10.2	10
65	Evaluation of the thermal performance of insulation sheets in fiberglass security booths. *Building and Environment*, **2018**, 136, 1-10	6.5	4
64	Effects of atmospheric stability and urban morphology on daytime intra-urban temperature variability for Glasgow, UK. *Science of the Total Environment*, **2018**, 627, 782-791	10.2	14
63	Efeito de uma onda de calor na aclimataˆ o no curto prazo durante experimentos suportados por cˆ mara climˆ tica. *Ambiente Construído*, **2018**, 18, 491-501	0.4	1
62	Calibraˆ o do ˆ ndice de conforto para espaˆ os externos Physiological Equivalent Temperature (PET) para Curitiba. *Ambiente Construído*, **2018**, 18, 135-148	0.4	1
61	Atmospheric Impacts on Daytime Urban Heat Island. *Air, Soil and Water Research*, **2018**, 11, 11786221188[illegible]1020	[illegible]	2
60	Identifying relationships between daylight variables and human preferences in a climate chamber. *Science of the Total Environment*, **2018**, 642, 1292-1302	10.2	11
59	Short- and long-term acclimatization in outdoor spaces: Exposure time, seasonal and heatwave adaptation effects. *Building and Environment*, **2017**, 116, 17-29	6.5	36
58	Calibration of the physiological equivalent temperature index for three different climatic regions. *International Journal of Biometeorology*, **2017**, 61, 1323-1336	3.7	34
57	Impact of site-specific morphology on outdoor thermal perception: A case-study in a subtropical location. *Urban Climate*, **2017**, 21, 123-135	6.8	18
56	Identifying potential effects from anthropometric variables on outdoor thermal comfort. *Building and Environment*, **2017**, 117, 230-237	6.5	37
55	Proposition of a simplified method for predicting hourly indoor temperatures in test cells. *Ambiente Construído*, **2017**, 17, 57-70	0.4	3
54	Quantificaˆ o dos impactos da climatizaˆ o artificial na sensaˆ o tˆ rmica de transeuntes em termos de alteraˆ es no microclima. *Urbe*, **2017**, 9, 301-312	0.9	1
53	Comparing energy efficiency labelling systems in the EU and Brazil: Implications, challenges, barriers and opportunities. *Energy Policy*, **2017**, 109, 310-323	7.2	32
52	Outdoor comfort study in Rio de Janeiro: site-related context effects on reported thermal sensation. *International Journal of Biometeorology*, **2017**, 61, 463-475	3.7	39
51	Interferˆ ncias do fator cor da pele na percepˆ o tˆ rmica de transeuntes. *Ambiente Construído*, **2017**, 17, 83-96	0.4	1

50	Proposiˆ Øo do ˆ Øndice "fraˆ Øo vegetada" e sua relaˆ Øo com alteraˆ Øes na temperatura do ar e no conforto tˆ Ørmico no perˆ Ódo diurno e em situaˆ Øo de verˆ o para Curitiba. *Ambiente Constru*Ído, **2017**, 17, 353-371	0.4	4
49	Impactos do uso de climatizaˆ Øo artificial na percepˆ Øo tˆ Ørmica em espaˆ os abertos no centro do Rio de Janeiro. *Ambiente Constru*Ído, **2016**, 16, 133-148	0.4	3
48	Impactos da alteraˆ Øo no albedo das superfˆ Øcies no microclima e nos nˆ Øveis de conforto tˆ Ørmico de pedestres em cˆ Ønions urbanos. *Ambiente Constru*Ído, **2016**, 16, 89-106	0.4	2
47	Estudo piloto em cˆ Ømara climˆ Øtica: efeito da luz natural em aspectos de saˆ Øde e bem-estar nˆ o relacionados ˆ Øvisˆ o. *Ambiente Constru*Ído, **2016**, 16, 149-168	0.4	
46	Efeitos da ilha de calor nos nˆ Øveis de conforto em ambientes externos e internos para as condiˆ Øes climˆ Øticas de Curitiba. *Engenharia Sanitaria E Ambiental*, **2016**, 21, 459-467	0.4	2
45	Thermal performance of different configurations of a roof pond-based system for subtropical conditions. *Building and Environment*, **2016**, 107, 90-98	6.5	13
44	Evaluating the potential of an indirect evaporative passive cooling system for Brazilian dwellings. *Building and Environment*, **2015**, 87, 265-273	6.5	29
43	Urban heat island and indoor comfort effects in social housing dwellings. *Landscape and Urban Planning*, **2015**, 134, 147-156	7.7	13
42	Implications of air-conditioning use on thermal perception in open spaces: A field study in downtown Rio de Janeiro. *Building and Environment*, **2015**, 94, 417-425	6.5	21
41	Urban climate studies in a subtropical location: literature review and current perspectives for Curitiba, Brazil. *Energy and Emission Control Technologies*, **2015**, 55		2
40	Quantificaˆ Øo da ilha de calor de curitiba considerando aspectos de estabilidade atmosfˆ Ørica. *Revista Brasileira De Meteorologia*, **2015**, 30, 394-404	0.4	2
39	Daytime microclimatic impacts of the SOVALP project in summer: A case study in Geneva, Switzerland. *Simulation*, **2014**, 90, 857-873	1.2	5
38	Comparison of different methods of estimating the mean radiant temperature in outdoor thermal comfort studies. *International Journal of Biometeorology*, **2014**, 58, 1727-37	3.7	42
37	Instruments and methods in outdoor thermal comfort studies â The need for standardization. *Urban Climate*, **2014**, 10, 346-366	6.8	219
36	Urban heat island and differences in outdoor comfort levels in Glasgow, UK. *Theoretical and Applied Climatology*, **2013**, 112, 127-141	3	64
35	Assessment of daytime outdoor comfort levels in and outside the urban area of Glasgow, UK. *International Journal of Biometeorology*, **2013**, 57, 521-33	3.7	28
34	Accounting for atmospheric stability conditions in urban heat island studies: The case of Glasgow, UK. *Landscape and Urban Planning*, **2013**, 117, 112-121	7.7	23
33	Evaluation of a Trombe wall system in a subtropical location. *Energy and Buildings*, **2013**, 66, 364-372	7	36

32	MODELO PREDITIVO DE SENSAˆ ÕD TˆRMICA EM ESPAˆ ÕOS ABERTOS EM CURITIBA, PR. *RAŒ GA - O Espaco Geografico Em Analise*, **2013**, 29, 209	0.2	5
31	UTCI: validation and practical application to the assessment of urban outdoor thermal comfort. *Geographia Polonica*, **2013**, 86, 11-20	1.5	23
30	Estratˆ gias de melhoria do ambiente tˆ rmico diurno em situaˆ Õõ de verˆ õ de uma fraˆ Õõ urbana da cidade de Sˆ õ Paulo. *Ambiente Construıdo*, **2012**, 12, 139-158	0.4	5
29	Predicting urban outdoor thermal comfort by the Universal Thermal Climate Index UTCI--a case study in Southern Brazil. *International Journal of Biometeorology*, **2012**, 56, 471-80	3.7	128
28	Urban heat island and its impact on climate change resilience in a shrinking city: The case of Glasgow, UK. *Building and Environment*, **2012**, 53, 137-149	6.5	104
27	Estudo de conforto em espaˆ õs abertos em regiˆ õ de clima temperado: o caso de Glasgow, Reino Unido. *Ambiente Construıdo*, **2012**, 12, 7-25	0.4	4
26	Definiˆ Õõ de faixas de conforto e desconforto tˆ rmico para espaˆ õs abertos em Curitiba, PR, com o ˆ õndice UTCI. *Ambiente Construıdo*, **2012**, 12, 41-59	0.4	18
25	Anˆ õse da efici ˆ õncia energˆ tica da envoltˆ õia de um projeto padrˆ õ de uma agˆ õncia banc ˆ õia em diferentes zonas bioclim ˆ õticas brasileiras. *Ambiente Construıdo*, **2012**, 12, 89-106	0.4	3
24	Relationship between indoor thermal comfort conditions and the Time Weighted Preservation Index (TWPI) in three Brazilian archives. *Applied Energy*, **2011**, 88, 712-723	10.7	11
23	Impact of urban geometry on outdoor thermal comfort and air quality from field measurements in Curitiba, Brazil. *Building and Environment*, **2011**, 46, 621-634	6.5	270
22	Effect of personal and microclimatic variables on observed thermal sensation from a field study in southern Brazil. *Building and Environment*, **2011**, 46, 690-697	6.5	66
21	Simplified method for yearlong thermal analysis of building prototypes. *Renewable Energy*, **2011**, 36, 699-708	8.1	2
20	Evaluating daylighting potential and energy efficiency in a classroom building. *Journal of Renewable and Sustainable Energy*, **2011**, 3, 063112	2.5	9
19	Anˆ õse do efeito diurno do fator de visˆ õ do cˆ u no microclima e nos nˆ ıveis de conforto tˆ rmico em ruas de pedestres em Curitiba. *Ambiente Construıdo*, **2011**, 11, 123-143	0.4	1
18	Evaluating the impact of canyon geometry and orientation on cooling loads in a high-mass building in a hot dry environment. *Applied Energy*, **2010**, 87, 2068-2078	10.7	69
17	Thermal performance evaluation of a low-cost housing prototype made with plywood panels in Southern Brazil. *Applied Energy*, **2010**, 87, 661-672	10.7	14
16	Thermal analysis of wood-based test cells. *Construction and Building Materials*, **2010**, 24, 999-1007	6.7	7
15	Effectiveness of indirect evaporative cooling and thermal mass in a hot arid climate. *Building and Environment*, **2010**, 45, 1422-1433	6.5	48

14	Thermal and daylighting evaluation of the effect of varying aspect ratios in urban canyons in Curitiba, Brazil. *Journal of Renewable and Sustainable Energy*, **2009**, 1, 033108	2.5	5
13	The role of evaporation in the energy balance of an open-air scaled urban surface. *International Journal of Climatology*, **2009**, 29, 911-920	3.5	34
12	Thermal analysis of woodâ□ement panels: Heat flux and indoor temperature measurements in test cells. *Construction and Building Materials*, **2009**, 23, 2299-2305	6.7	13
11	Recommendations of Height Restrictions for Urban Canyons in Curitiba, Brazil. *Journal of Asian Architecture and Building Engineering*, **2009**, 8, 447-452	1	3
10	Avaliaˆ □□o de desempenho tˆ hmico de protˆ □ipo de baixo custo em madeira de reflorestamento. *Revista Escola De Minas*, **2009**, 62, 447-454		
9	Thermal monitoring and indoor temperature predictions in a passive solar building in an arid environment. *Building and Environment*, **2008**, 43, 1792-1804	6.5	44
8	Daylighting analysis in a public school in Curitiba, Brazil. *Renewable Energy*, **2008**, 33, 1695-1702	8.1	24
7	The effect of urban evaporation on building energy demand in an arid environment. *Energy and Buildings*, **2008**, 40, 2090-2098	7	33
6	Thermal Monitoring and Indoor Temperature Predictions in a Passive Solar Building in an Arid Environment **2008**, 431-435		1
5	Viabilidade energˆ tico-econˆ □mica de habitaˆ □□es de interesse social em Brasˆ □□a com uso de blocos de concreto e entulho. *Revista Escola De Minas*, **2007**, 60, 519-524		
4	Acoustic and thermal field investigation of low-cost dwellings, a case study in Brazil. *Applied Acoustics*, **2007**, 68, 1213-1223	3.1	4
3	Outdoor measurements and temperature comparisons of seven monitoring stations: Preliminary studies in Curitiba, Brazil. *Building and Environment*, **2007**, 42, 1685-1698	6.5	43
2	Predicting thermal performance in occupied dwellings. *Energy and Buildings*, **2004**, 36, 301-307	7	32
1	Acoustic, thermal and luminous comfort in classrooms. *Building and Environment*, **2004**, 39, 1055-1063	6.5	76