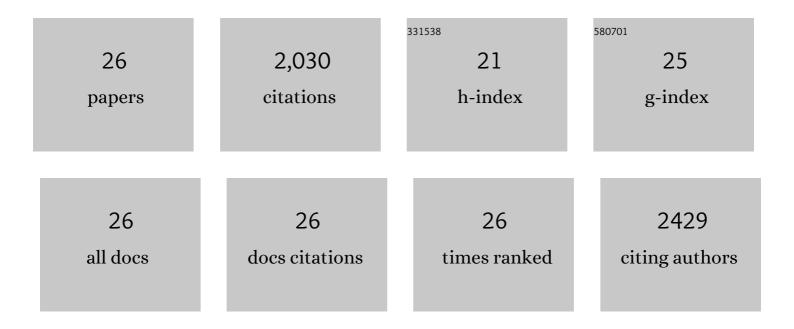
## Sakae Tanemura

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Strategies for breaking theoretical evaporation limitation in direct solar steam generation. Solar Energy Materials and Solar Cells, 2021, 220, 110842.	3.0	47
2	Flame-treated and fast-assembled foam system for direct solar steam generation and non-plugging high salinity desalination with self-cleaning effect. Applied Energy, 2019, 241, 652-659.	5.1	85
3	Extremely high water-production created by a nanoink-stained PVA evaporator with embossment structure. Nano Energy, 2019, 55, 368-376.	8.2	86
4	A mimetic transpiration system for record high conversion efficiency in solar steam generator under one-sun. Materials Today Energy, 2018, 8, 166-173.	2.5	145
5	A Novel Inkâ€Stained Paper for Solar Heavy Metal Treatment and Desalination. Solar Rrl, 2018, 2, 1800073.	3.1	49
6	The emergence of solar thermal utilization: solar-driven steam generation. Journal of Materials Chemistry A, 2017, 5, 7691-7709.	5.2	255
7	Morphology Control of Ag Polyhedron Nanoparticles for Costâ€Effective and Fast Solar Steam Generation. Solar Rrl, 2017, 1, 1600023.	3.1	72
8	Ellipsometric studies of optical properties of Er-doped ZnO thin films synthesized by sol–gel method. Thin Solid Films, 2013, 543, 125-129.	0.8	17
9	Efficient, low-cost solar thermoelectric cogenerators comprising evacuated tubular solar collectors and thermoelectric modules. Applied Energy, 2013, 109, 51-59.	5.1	98
10	A facile process to prepare copper oxide thin films as solar selective absorbers. Applied Surface Science, 2011, 257, 10729-10736.	3.1	107
11	Effect of annealing temperature on optical properties of Er-doped ZnO films prepared by sol–gel method. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 148, 35-39.	1.7	47
12	Structural and Optical Characterization of Semiconducting TiN Nanoparticles Thin Film. Japanese Journal of Applied Physics, 2007, 46, 356-361.	0.8	7
13	Low resistivity p-ZnO films fabricated by sol-gel spin coating. Applied Physics Letters, 2006, 88, 251116.	1.5	96
14	The improvement of optical reactivity for TiO2 thin films by N2–H2 plasma surface-treatment. Journal of Crystal Growth, 2004, 260, 118-124.	0.7	98
15	Fabrication, characterization and Raman study of anatase-TiO2 nanorods by a heating-sol–gel template process. Journal of Crystal Growth, 2004, 264, 246-252.	0.7	134
16	Heating-sol–gel template process for the growth of TiO2 nanorods with rutile and anatase structure. Applied Surface Science, 2004, 238, 175-179.	3.1	83
17	IR properties of SiO deposited on V1â^'xWxO2 thermochromic films by vacuum evaporation. Thin Solid Films, 2000, 375, 100-103.	0.8	8
18	New material design with V1â^'xWxO2 film for sky radiator to obtain temperature stability. Solar Energy, 1998, 64, 3-7.	2.9	29

#	Article	IF	CITATIONS
19	Optical constants of V_1-xW_xO_2 films. Applied Optics, 1998, 37, 1858.	2.1	84
20	CROSS-SECTIONAL OBSERVATIONS BY HRTEM OF THE STRUCTURE OF NICKEL OXIDE ELECTROCHROMIC THIN FILMS IN THE AS-DEPOSITED STATE AND THE BLEACHED STATE. Materials Research Bulletin, 1997, 32, 839-845.	2.7	8
21	Thin film used to obtain a constant temperature lower than the ambient. Thin Solid Films, 1996, 281-282, 232-234.	0.8	23
22	Characterization of niobium oxide electrochromic thin films prepared by reactive d.c. magnetron sputtering. Thin Solid Films, 1996, 281-282, 235-238.	0.8	63
23	Relationship between Transition Temperature and x in V1- xW xO2 Films Deposited by Dual-Target Magnetron Sputtering. Japanese Journal of Applied Physics, 1995, 34, 2459-2460.	0.8	98
24	<title>Formation of&lt;br&gt;V&lt;formula&gt;&lt;inf&gt;&lt;roman&gt;1-x&lt;/roman&gt;&lt;/inf&gt;&lt;/formula&gt;W&lt;formula&gt;&lt;inf&gt;&lt;roman&gt;x&lt;/roman&gt;&lt;/inf&gt;&lt;/formula&gt;O&lt;br&gt;thermochromic films by reactive magnetron sputtering with an alloy target</title> . , 1995, , .	<formula></formula>	<ionf><roma< td=""></roma<></ionf>
25	Nickel Oxide Electrochromic Thin Films Prepared by Reactive DC Magnetron Sputtering. Japanese Journal of Applied Physics, 1995, 34, 2440-2446.	0.8	169

26Formation and Thermochromism of VO2Films Deposited by RF Magnetron Sputtering at Low Substrate<br/>Temperature. Japanese Journal of Applied Physics, 1994, 33, 1478-1483.0.8122