

DAFTAR PUSTAKA

- Amri, A., XiaoFei Duan, Chun-Yang Yin, Zhong-Tao Jiang, M. Mahbubur Rahman, and Trevor Pryor. 2013. "Solar absorptance of copper–cobalt oxide thin film coatings with nano-size, grain-like morphology: Optimization and synchrotron radiation XPS studies." *Applied Surface Science* no. 275 (0):127-135. doi: <http://dx.doi.org/10.1016/j.apsusc.2013.01.081>.
- Amri, A., Zhong-Tao Jiang, Parisa A. Bahri, Chun-Yang Yin, Xiaoli Zhao, Zonghan Xie, Xiaofei Duan, Hantarto Widjaja, M. Mahbubur Rahman, and Trevor Pryor. 2013. "Surface Electronic Structure and Mechanical Characteristics of Copper–Cobalt Oxide Thin Film Coatings: Soft X-ray Synchrotron Radiation Spectroscopic Analyses and Modeling." *The Journal of Physical Chemistry C* no. 117:16457–16467. doi: dx.doi.org/10.1021/jp404841m.
- Amri, A., Zhong-Tao Jiang, Trevor Pryor, Chun-Yang Yin, Zonghan Xie, and Nick Mondinos. 2012. "Optical and mechanical characterization of novel cobalt-based metal oxide thin films synthesized using sol–gel dip-coating method." *Surface and Coatings Technology* no. 207 (0):367-374. doi: [10.1016/j.surfcoat.2012.07.028](https://doi.org/10.1016/j.surfcoat.2012.07.028).
- Amri, A., Zhong-Tao Jiang, Xiaoli Zhao, Zonghan Xie, Chun-Yang Yin, Nurshahidah Ali, Nick Mondinos, M. Mahbubur Rahman, and Daryoush Habibi. 2014. "Tailoring the physicochemical and mechanical properties of optical copper–cobalt oxide thin films through annealing treatment." *Surface and Coatings Technology* no. 239 (0):212-221. doi: <http://dx.doi.org/10.1016/j.surfcoat.2013.11.044>.
- Avila G, A., E. Barrera C, L. Huerta A, and S. Muhl. 2004. "Cobalt oxide films for solar selective surfaces, obtained by spray pyrolysis." *Solar Energy Materials and Solar Cells* no. 82 (1-2):269-278. doi: DOI: [10.1016/j.solmat.2004.01.024](https://doi.org/10.1016/j.solmat.2004.01.024).
- Barrera, E., A. Avila, J. Mena, V. H. Lara, M. Ruiz, and J. Méndez-Vivar. 2003. "Synthesis of cobalt–silicon oxide thin films." *Solar Energy Materials and Solar Cells* no. 76 (3):387-398. doi: [10.1016/s0927-0248\(02\)00290-8](https://doi.org/10.1016/s0927-0248(02)00290-8).
- Bayon, R., G. San Vicente, and A. Morales. 2010. "Durability tests and up-scaling of selective absorbers based on copper-manganese oxide deposited by dip-coating." *Solar Energy Materials and Solar Cells* no. 94 (6):998-1004. doi: [10.1016/j.solmat.2010.02.006](https://doi.org/10.1016/j.solmat.2010.02.006).
- Bayón, Rocío, Gema San Vicente, César Maffiotte, and Ángel Morales. 2008. "Preparation of selective absorbers based on CuMn spinels by dip-coating method." *Renewable Energy* no. 33 (2):348-353. doi: DOI: [10.1016/j.renene.2007.05.017](https://doi.org/10.1016/j.renene.2007.05.017).
- Bogatu, Cristina, Mihaela Voinea, Anca Duță, GC Chițanu, and IM Pelin. 2009. "The electrochemical deposition of Cu/CuOx solar selective coatings with controlled morphology." *Rev Roum Chim* no. 3:237-243.
- Boström, T., S. Valizadeh, J. Lu, J. Jensen, G. Westin, and E. Wäckelgård. 2011. "Structure and morphology of nickel-alumina/silica solar thermal selective absorbers." *Journal of Non-Crystalline Solids* no. 357 (5):1370-1375. doi: [10.1016/j.jnoncrysol.2010.09.023](https://doi.org/10.1016/j.jnoncrysol.2010.09.023).
- Bostrom, T., E. Wackelgard, and G. Westin. 2003. "Solution-chemical derived nickel-alumina coatings for thermal solar absorbers." *Solar Energy* no. 74 (6):497-503. doi: [10.1016/s0038-092x\(03\)00199-3](https://doi.org/10.1016/s0038-092x(03)00199-3).
- Brinker, C. J., G. C. Frye, A. J. Hurd, and C. S. Ashley. 1991. "Fundamentals of sol-gel dip coating." *Thin Solid Films* no. 201 (1):97-108.
- Chow, T. T. 2010. "A review on photovoltaic/thermal hybrid solar technology." *Applied Energy* no. 87 (2):365-379. doi: <http://dx.doi.org/10.1016/j.apenergy.2009.06.037>.
- Duffie, John A., and William A. Beckman. 2006. *Solar Engineering of Thermal Processes*. third ed. New Jersey: John Wiley & Sons Inc.

- Ienei, Elena, Luminita Isac, Cristina Cazan, and Anca Duta. 2010. "Characterization of Al/Al₂O₃/NiOx solar absorber obtained by spray pyrolysis." *Solid State Sciences* no. 12 (11):1894-1897. doi: DOI: 10.1016/j.solidstatesciences.2010.05.028.
- Kaluza, Leon, Angela Šurca-Vuk, Boris Orel, Goran Dražić, and Primož Pelicon. 2001. "Structural and IR spectroscopic analysis of sol-gel processed CuFeMnO₄ spinel and CuFeMnO₄/silica films for solar absorbers." *Journal of Sol-Gel Science and Technology* no. 20 (1):61-83. doi: 10.1023/a:1008728717617.
- Katumba, G., J. Lu, L. Olumekor, G. Westin, and E. Wäckelgård. 2005. "Low cost selective solar absorber coatings: characteristics of carbon-in-silica synthesized with sol-gel technique." *Journal of Sol-Gel Science and Technology* no. 36 (1):33-43. doi: 10.1007/s10971-005-4793-4.
- Kennedy, C. E. 2002. Review of mid- to high-temperature solar selective absorber materials. In *Tech. Rep. TP-520-31267*. Golden, Colorado, USA: National Renewable Energy Laboratory.
- Khamlich, Saleh, O Nemraoui, N Mongwaketsi, R McCrindle, N Cingo, and M Maaza. 2012. "Black Cr/α-Cr₂O₃ nanoparticles based solar absorbers." *Physica B: Condensed Matter* no. 407 (10):1509-1512.
- Konttinen, P., P. D. Lund, and R. J. Kilpi. 2003. "Mechanically manufactured selective solar absorber surfaces." *Solar Energy Materials and Solar Cells* no. 79 (3):273-283. doi: Doi: 10.1016/s0927-0248(02)00411-7.
- Mastai, Y., S. Polarz, and M. Antonietti. 2002. "Silica–carbon nanocomposites—A new concept for the design of solar absorbers." *Advanced Functional Materials* no. 12 (3):197-202. doi: 10.1002/1616-3028(200203)12:3<197::aid-adfm197>3.0.co;2-a.
- Morales-Ortiz, Ulises, Alejandro Avila-García, and V. Hugo Lara C. 2006. "Ruthenium oxide films for selective coatings." *Solar Energy Materials and Solar Cells* no. 90 (6):832-840. doi: 10.1016/j.solmat.2005.04.019.
- Qian, WAN, CHENG Xu-dong, WANG Hui, and MA Tao. 2011. "Study on preparation and properties of NiO-Al₂O₃ solar selective absorption films." *Surface Technology* no. 40 (2):1.
- Rincón, M. E., J. D. Molina, M. Sánchez, C. Arancibia, and E. García. 2007. "Optical characterization of tandem absorber/reflector systems based on titanium oxide-carbon coatings." *Solar Energy Materials and Solar Cells* no. 91 (15-16):1421-1425. doi: DOI: 10.1016/j.solmat.2007.04.005.
- Wang, Xiaoxin, Haofeng Li, Xiaobai Yu, Xiaoling Shi, and Jifeng Liu. 2012. "High-performance solution-processed plasmonic Ni nanochain-Al₂O₃ selective solar thermal absorbers." *Applied Physics Letters* no. 101 (20):203109.
- Xiao, Xiudi, Lei Miao, Gang Xu, Limei Lu, Zhanmin Su, Ning Wang, and Sakae Tanemura. 2011. "A facile process to prepare copper oxide thin films as solar selective absorbers." *Applied Surface Science* no. 257 (24):10729-10736. doi: 10.1016/j.apsusc.2011.07.088.
- Yin, Y., Y. Pan, L. X. Hang, D. R. McKenzie, and M. M. M. Bilek. 2009. "Direct current reactive sputtering Cr-Cr₂O₃ cermet solar selective surfaces for solar hot water applications." *Thin Solid Films* no. 517 (5):1601-1606. doi: 10.1016/j.tsf.2008.09.082