**Sample Catalogue of Open Access Publications**

***Smart OA: By Researchers. For Researchers.***

**Version: 1.0**

Dec. 17, 2021

**Self-Published by:**

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| This *Sample Catalogue of Open Access Publications* is shared as an editable file to facilitate its reuse and adaption by other authors seeking pathways to publish Open Access (OA) that embody Plan S principles, maximize the impacts of the published scientific results, and support the scientific careers of the authors. This Catalogue was developed within the framework of *Smart OA*. The motivation and background for *Smart OA* are published OA atD. K. Baker (2021). Guidelines to Support Smart OA. Middle East Technical University. Self-published. DOI: 10.5281/zenodo.5501401: <https://zenodo.org/record/5501401>.The motivation for and method to construct this catalogueare published OA atD. K. Baker (2021). *Smart OA Examples*. Middle East Technical University. Self-published. DOI: 10.5281/zenodo.5788006: <https://zenodo.org/record/5788006>. |

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| 1.0 | 17 Dec. 2021 | D. Baker published Version 1.0 Open Access (CC BY SA 2.0) by depositing to Zenodo and OpenMETU. |

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| **Catalogue of Open Access Publications** |
| Derek Baker | **Derek K. Baker**Prof. Dr.Department of Mechanical EngineeringMiddle East Technical University (METU / ODTÜ)Concentrating Solar Thermal Division (ODAK)Center for Solar Energy Research and Applications (ODTÜ-GÜNAM)Ankara, Turkey |
|  **Email:** dbaker@metu.edu.tr **Webpage:** <http://users.metu.edu.tr/dbaker/> |  **ResearcherID:** [H-2021-2015](http://www.researcherid.com/rid/H-2021-2015) **ORCID:** [0000-0003-4163-1821](http://orcid.org/0000-0003-4163-1821) **Google Scholar:** [Derek Baker (METU)](https://scholar.google.com.tr/citations?user=3ClkZYIAAAAJ&hl=en) |

**About this Catalogue:** As of 01 June 2021, I am targeting

* 100% Open Access (OA) publishing for all my journal articles and similar publications;
* Immediate access (i.e. no embargo period) to a publisher approved version of all my publications using a publisher approved route.

This catalogue was specifically developed to facilitate readers in finding an open version of my Green OA publications. Each page of this catalogue is dedicated to one publication and includes links to the different versions of this publication on the web (both OA and subscription based), including a link to at least one version with immediate access. The publications are grouped by type as follows:

1. Peer-Reviewed Scientific Publications (e.g. Journal Articles)

2. Non-Peer Reviewed Publications

**About Smart OA:** This OA publishing method, including this catalogue, are based on the *Smart OA* method. The Smart OA method was developed through the European Union Horizon 2020 *SolarTwins[[2]](#footnote-2)* project to support realization of *Plan S*[[3]](#footnote-3) principles within a national and institutional context that values publications in high-impact journals but lacks the financial resources to fund Gold OA in these high-impact journals. Within the larger spirit of Plan S, *Guidelines to Support Smart OA* are published Open Access at Zenodo[[4]](#footnote-4) that include a description of the logic underpinning Smart OA and how to publish Smart OA.

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| **List of and Links to Publications** |

[1. Peer-Reviewed Scientific Publications (e.g. Journal Articles) 3](#_Toc88932929)

[Johnson, E. F., Tarı, İ., & Baker, D. (2021). Modeling heat exchangers with an open source DEM-based code for granular flows. Solar Energy, 228, 374-386. 4](#_Toc88932930)

[Mutlu, B., Baker, D., & Kazanç, F. (2021). Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle. Entropy, 23(6), 766. 5](#_Toc88932931)

[Kamfa, I. A., Fluch, J., Bartali, R., & Baker, D. (2020). Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities. International Journal of Energy Research, 44(13), 9864-9888. 6](#_Toc88932932)

[2. Non-Peer Reviewed Publications 7](#_Toc88932933)

[Baker, D. (2021). Sustainable Development, Well-Earned Surprises, and Bilkent Law. Sine Qua Non, 10, 5. 8](#_Toc88932934)

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# Peer-Reviewed Scientific Publications (e.g. Journal Articles)

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| **Portable Publication Sheet (PPS) for Smart OA\*** |



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| **How to Cite** | **BibTeX** |
| **doi** | 10.1016/j.solener.2021.09.067 | @article{johnson2021modeling, title={Modeling heat exchangers with an open source DEM-based code for granular flows}, author={Johnson, Evan F and Tar{\i}, {\.I}lker and Baker, Derek}, journal={Solar Energy}, volume={228}, pages={374--386}, year={2021}, publisher={Elsevier}} |
| **MLA** | Johnson, Evan F., İlker Tarı, and Derek Baker. "Modeling heat exchangers with an open source DEM-based code for granular flows." Solar Energy 228 (2021): 374-386. |
| **APA** | Johnson, E. F., Tarı, İ., & Baker, D. (2021). Modeling heat exchangers with an open source DEM-based code for granular flows. Solar Energy, 228, 374-386. |
| **Chicago** | Johnson, Evan F., İlker Tarı, and Derek Baker. “Modeling heat exchangers with an open source DEM-based code for granular flows.” Solar Energy 228 (2021): 374-386. |
| **Harvard** | Johnson, E.F., Tarı, İ. And Baker, D., 2021. Modeling heat exchangers with an open source DEM-based code for granular flows. Solar Energy, 228, pp.374-386. |
| **Vancouver** | Johnson EF, Tarı İ, Baker D. Modeling heat exchangers with an open source DEM-based code for granular flows. Solar Energy. 2021 Nov 1;228:374-86. |
| **Links to Published Version\*** |
| **via Journal Website** | <https://www.sciencedirect.com/science/article/pii/S0038092X21008240>  |
| **via DOI** | <https://doi.org/10.1016/j.solener.2021.09.067>  |
| **Links to Open Access (OA) Versions** |
| **OA Pathway\*** | **Embargo Period?** | **Link** |
| Accepted Version\* Pathway a | No | <http://users.metu.edu.tr/dbaker/OpenAccess/doi.10.1016.j.solener.2021.09.067.pdf>  |
| Accepted Version\* Pathway b | Yes | <https://zenodo.org/record/5594171>  |
| Accepted Version\* Pathway b | Yes | <https://open.metu.edu.tr/handle/11511/94259>  |
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| **Cataloging\*** | Derek K. Baker; SolarTwins; ODTÜ-GÜNAM |

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**Smart OA:** Guidelines to support *Smart OA* are published OA at <https://zenodo.org/record/5501401>.

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| **Portable Publication Sheet (PPS) Sheet for Smart OA\*** |





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| **How to Cite** | **BibTeX** |
| **doi** | 10.3390/e23060766 | @article{mutlu2021development, title={Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle}, author={Mutlu, Balkan and Baker, Derek and Kazan{\c{c}}, Feyza}, journal={Entropy}, volume={23}, number={6}, pages={766}, year={2021}, publisher={Multidisciplinary Digital Publishing Institute}} |
| **MLA** | Mutlu, Balkan, Derek Baker, and Feyza Kazanç. "Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle." Entropy 23.6 (2021): 766. |  |
| **APA** | Mutlu, B., Baker, D., & Kazanç, F. (2021). Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle. Entropy, 23(6), 766. |  |
| **Chicago** | Mutlu, Balkan, Derek Baker, and Feyza Kazanç. "Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle." Entropy 23, no. 6 (2021): 766. |  |
| **Harvard** | Mutlu, B., Baker, D. and Kazanç, F., 2021. Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle. Entropy, 23(6), p.766. |  |
| **Vancouver** | Mutlu B, Baker D, Kazanç F. Development and Analysis of the Novel Hybridization of a Single-Flash Geothermal Power Plant with Biomass Driven sCO2-Steam Rankine Combined Cycle. Entropy. 2021 Jun;23(6):766. |  |
| **Links to Open Access (OA) Versions** |
| **OA Pathway\*** | **Embargo Period?** | **Link** |
| Published Version\*, via Journal Website | No | <https://www.mdpi.com/1099-4300/23/6/766>  |
| Published Version\*, via DOI | No | <https://doi.org/10.3390/e23060766> |
| Published Version\*, via Zenodo | No | <https://zenodo.org/record/5160015>  |
| Published Version\*, via OpenMETU | No | <https://open.metu.edu.tr/handle/11511/91143> |
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| **Portable Publication Sheet (PPS) Sheet for Smart OA\*** |



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| **How to Cite** | **BibTeX** |
| **doi** | 10.1002/er.5622 | @article{kamfa2020solar, title={Solar-thermal driven drying technologies for large-scale industrial applications: State of the art, gaps, and opportunities}, author={Kamfa, In'am and Fluch, Juergen and Bartali, Ruben and Baker, Derek}, journal={International Journal of Energy Research}, volume={44}, number={13}, pages={9864--9888}, year={2020}, publisher={Wiley Online Library}} |
| **MLA** | Kamfa, In'am, et al. "Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities." International Journal of Energy Research 44.13 (2020): 9864-9888. |  |
| **APA** | Kamfa, I. A., Fluch, J., Bartali, R., & Baker, D. (2020). Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities. International Journal of Energy Research, 44(13), 9864-9888. |  |
| **Chicago** | Kamfa, In'am, Juergen Fluch, Ruben Bartali, and Derek Baker. "Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities." International Journal of Energy Research 44, no. 13 (2020): 9864-9888. |  |
| **Harvard** | Kamfa, I.A., Fluch, J., Bartali, R. and Baker, D., 2020. Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities. International Journal of Energy Research, 44(13), pp.9864-9888. |  |
| **Vancouver** | Kamfa IA, Fluch J, Bartali R, Baker D. Solar‐thermal driven drying technologies for large‐scale industrial applications: State of the art, gaps, and opportunities. International Journal of Energy Research. 2020 Oct 25;44(13):9864-88. |  |
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| Published Version\*, via DOI | No | <https://doi.org/10.1002/er.5622>  |
| Published Version\*, via Zenodo | No | <https://zenodo.org/record/5159960>  |
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| **Portable Publication Sheet (PPS) Sheet for Smart OA\*** |

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| **How to Cite** | **BibTeX** |
| **doi** | 10.5281/zenodo.5733154 | @article{baker2021sustainable, title={ Sustainable Development, Well-Earned Surprises, and Bilkent Law}, author={ Baker, Derek}, journal={Sine Qua Non}, volume={10}, pages={5}, year={2021}, publisher={ Bilkent Universitesi Hukukta Kariyer Kulubu}} |
| **MLA** | Derek Baker. "Sustainable Development, Well-Earned Surprises, and Bilkent Law." Sine Qua Non, 10 (2021): 5. |
| **APA** | Baker, D. (2021). Sustainable Development, Well-Earned Surprises, and Bilkent Law. Sine Qua Non, 10, 5. |
| **Chicago** | Derek Baker. "Sustainable Development, Well-Earned Surprises, and Bilkent Law." Sine Qua Non 10, (2021): 5. |
| **Harvard** | Baker, D., 2021. Sustainable Development, Well-Earned Surprises, and Bilkent Law. Sine Qua Non, 10, p.5. |
| **Vancouver** | Baker D. Sustainable Development, Well-Earned Surprises, and Bilkent Law. Sine Qua Non. 2021 10:5. |
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2. Grant agreement ID 856619: <https://cordis.europa.eu/project/id/856619> [↑](#footnote-ref-2)
3. <https://www.coalition-s.org/> [↑](#footnote-ref-3)
4. <https://zenodo.org/record/5501401>

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 [↑](#footnote-ref-4)