






# Paraskevi POULI

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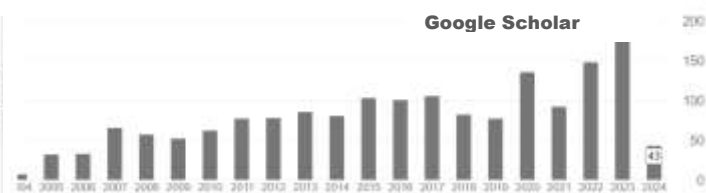
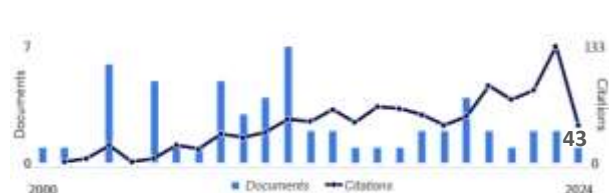
## Academic record and citations metrics

- 42 articles in peer-reviewed scientific journals (4 invited), 2 patents
- 39 articles in international conference proceedings
- Contributor of invited chapters in 8 books
- Scientist-in-charge for 2 EC & 1 national funded research projects and 12 bilateral collaborations (Total budget: >1,6 M€)
- 8 invited talks in international conferences and workshops, 2 in national colloquiums, 1 poster awards

### Citations metrics (as of April 10, 2024)

	Publications	Citations	h-index
<a href="#">Web of Science; H-3448-2011</a>	56 (71 not indexed in Core collection)	985 (786 non-self)	21
SCOPUS ( <a href="#">Author ID: 6602717375</a> )	57	1065	22
<a href="#">Google scholar</a>	120	1737	25 and h-10 factor: 44

### Yearly Publication and Citation Records over the past 20 Years (Scopus & Google Scholar)



## Publications and Patents

(CITATIONS @WEB OF SCIENCE)

### Invited articles- Chapters (peer reviewed)

1. *Eastern Mediterranean Perspectives on eco-conscious, resilient, and sustainable preservation of Museum Collections and Heritage Sites in Greece*, Vasilike Argyropoulos, Dimitris Karolidis, Paraskevi Pouli, *Invited Chapter Submitted in "Collections Management as Critical Practice"*, Editors Cara Krmpotich and Alice Stevenson, Wiley-Blackwell, Draft Submitted on 17 Oct 2022
2. *Laser cleaning on stonework; principles, case studies and future prospects*, P. Pouli, Invited Chapter; Springer Nature Switzerland AG 2022 75 F. Gherardi, P. N. Marvelaki (eds.), *Conserving Stone Heritage*, Cultural Heritage Science, [https://link.springer.com/chapter/10.1007%2F978-3-030-82942-1\\_3#DOI](https://link.springer.com/chapter/10.1007%2F978-3-030-82942-1_3#DOI), (2022); p. 75-100
3. *Practical issues in laser cleaning of stone and painted artefacts: optimization procedures and side effects*, P. Pouli, M. Oujja, M. Castillejo, *Applied Physics A* 106(2), 447-464 (2012); doi: [10.1007/s00339-011-6696-2](https://doi.org/10.1007/s00339-011-6696-2), Citations: 80
4. *Recent studies of laser science in paintings conservation and research*, P. Pouli, A. Selimis, S. Georgiou, C. Fotakis, *Accounts of Chemical Research*, 43(6), 771-781 (2010); doi: [10.1021/ar900224n](https://doi.org/10.1021/ar900224n), Citations: 43

## Articles in scientific journals (peer reviewed)

### 2023

1. **Photoacoustic real-time monitoring of UV laser ablation of aged varnish coatings on Heritage objects**, E. Dimitroulaki, G.J. Tserevelakis, K. Melessanaki, G. Zacharakis, **P. Pouli**, Journal of Cultural Heritage 63, VSI: LACONA XIII, 2023, 230-239, <https://doi.org/10.1016/j.culher.2023.08.006>

### 2022

2. **Development of a methodology for the characterization and assessment of biodeteriogens on archaeological surfaces by use of a portable LED-induced fluorescence instrument**, A. Giakoumaki, P. Siozos, A. Filippidis, I. Pyrri, D. Anglos, **P. Pouli**, Heritage Science 10, 2022, 204. <https://doi.org/10.1186/s40494-022-00827-x> Citations: 3

### 2021

3. **Laser-induced fluorescence as a non-invasive tool to monitor laser-assisted thinning of aged varnish layers on paintings: fundamental issues and critical thresholds**, O. Kokkinaki, E. Dimitroulaki, K. Melessanaki, D. Anglos, **P. Pouli**, Eur. Phys. J. Plus, 2021, 136, 938, <https://doi.org/10.1140/epjp/s13360-021-01929-4>, Citations: 4

### 2020

4. **Listening to laser light interactions with objects of art: a novel photoacoustic approach for diagnosis and monitoring of laser cleaning interventions**, Tserevelakis, G.J., **Pouli, P.**, Zacharakis, G., Heritage Science, 2020, 8(1), 98, <https://link.springer.com/article/10.1186/s40494-020-00440-w>, Citations: 10
5. **Development of a hybrid photoacoustic and optical monitoring system for the study of laser ablation processes upon the removal of encrustation from stonework**, A. Papanikolaou, G. J. Tserevelakis, K. Melessanaki, C. Fotakis, G. Zacharakis and **P. Pouli**, Opto-Electronic Advances, 2020, Vol. 3, No. 2, 190037-1, [DOI: 10.29026/oea.2020.190037](https://doi.org/10.29026/oea.2020.190037), Citations: 30

### 2019

6. **Cleaning of gypsum-rich black crusts on granite using a dual wavelength Q-Switched Nd:YAG laser**, J.S. Pozo-Antonio, A. Papanikolaou, A. Philippidis, K. Melessanaki, T. Rivas, **P. Pouli**, Construction and Building Materials 226 (2019) 721–733, <https://doi.org/10.1016/j.conbuildmat.2019.07.298>, Citations: 10
7. **Laser cleaning of paintings: in situ optimization of operative parameters through non-invasive assessment by optical coherence tomography (OCT), reflection FT-IR spectroscopy and laser induced fluorescence spectroscopy (LIF)**, P. Moretti, M. Iwanicka, K. Melessanaki, E. Dimitroulaki, O. Kokkinaki, M. Daugherty, M. Sylwestrzak, **P. Pouli**, P. Targowski, K.J. van den Berg, L. Cartechini and C. Miliani, Heritage Science, 2019, 7:44, <https://doi.org/10.1186/s40494-019-0284-8>, Citations: 21
8. **On-line photoacoustic monitoring of laser cleaning on stone: Evaluation of cleaning effectiveness and detection of potential damage to the substrate**, G. J. Tserevelakis, J. S. Pozo-Antonio, P. Siozos, T. Rivas, **P. Pouli**, G. Zacharakis, Journal of Cultural Heritage, 2019, <https://doi.org/10.1016/j.culher.2018.05.014>, Citations: 26

### 2018

9. **Introducing the HERACLES Ontology – Semantics for Cultural Heritage Management**, T. Hellmund, P. Hertweck, D. Hilbring, J. Mossgraber, G. Alexandrakis, **P. Pouli**, A. Siatou and G. Padeletti, Heritage, Special Issue “Cultural Heritage - Materials, Techniques and Knowledge Perspectives on a Common Identity”, 2018, 1, 377–391; [doi:10.3390/heritage1020026](https://doi.org/10.3390/heritage1020026), Citations: 11
10. **Laser assisted removal of graffiti from granite: advantages of the simultaneous combination of 2 wavelengths**, J. S. Pozo Antonio, A. Papanikolaou, K. Melessanaki, T. Rivas, **P. Pouli**, Coatings, 2018, [doi: 10.3390/coatings8040124](https://doi.org/10.3390/coatings8040124), Citations: 18

### 2017

11. **‘POLYGNOSIS’: the development of a thesaurus in an Educational Web Platform on optical and laser-based investigation methods for cultural heritage analysis and diagnosis**, N. Platia, M. Chatzidakis, C. Doerr, L. Charami, Ch. Bekiari, K. Melessanaki, K. Hatzigiannakis and **P. Pouli**, Heritage Science, 5 (50), 2017, [Doi:10.1186/s40494-017-0163-0](https://doi.org/10.1186/s40494-017-0163-0), Citations: 10
12. **Nonlinear imaging microscopy for assessing structural and photochemical modifications upon laser removal of dammar varnish on photosensitive substrates**, M. Oujja, S. Psilodimitrakopoulos, E. Carrasco, M. Sanz, A. Philippidis, A. Selimis, **P.**

**Pouli**, G. Filippidis and M. Castillejo, Physical Chemistry Chemical Physics, 2017, **19**, 22836-22843 DOI: [10.1039/C7CP02509B](https://doi.org/10.1039/C7CP02509B), Citations: 22

## 2016

13. **The two-wavelength laser cleaning methodology; Theoretical background and examples from its application on CH objects and monuments with emphasis to the Athens Acropolis Sculptures**, P. Pouli, E. Papakonstantinou, K. Frantzikinaki, A. Panou, G. Frantzi, C. Vasiliadis, C. Fotakis, Heritage Science, 4 (9), 2016, doi: [10.1186/s40494-016-0077-2](https://doi.org/10.1186/s40494-016-0077-2), Citations: 22

## 2015

14. **Laser assisted removal of dark cement crusts from the mineral gypsum (selenite) architectural elements from the peripheral monuments of the archaeological site of Knossos**, G. Grammatikakis, K.D. Demadis, K. Melessanaki, P. Pouli, Studies in Conservation, 60 (S1), S3-S11, 2015, doi: [10.1179/0039363015Z.000000000201](https://doi.org/10.1179/0039363015Z.000000000201), Citations: 8

## 2014

15. **Holographic testing of possible mechanical effects of laser cleaning on the structure of model fresco samples**, Zs. Márton, I. Kisapáti, Á. Török, V. Tornari, E. Bernikola, K. Melessanaki and P. Pouli, NDT&E INTERNATIONAL 63, 53-59 (2014); doi:[10.1016/j.ndteint.2014.01.007](https://doi.org/10.1016/j.ndteint.2014.01.007), Citations: 7

## 2013

16. **Synchronized deformation monitoring in laser cleaning: an application for Cultural Heritage conservation**, V. Tornari, E. Bernikola, K. Hatzigiannakis, K. Melessanaki, P. Pouli, Universal Journal of Physics and Application 1(2): 149-159, (2013); doi:[10.13189/ujpa.2013.010215](https://doi.org/10.13189/ujpa.2013.010215)

17. **Wavelength and pulse duration effects on laser induced changes on raw pigments used in paintings**, M. Oujja, M. Sanz, E. Rebollar, J. F. Marco, M. Castillejo, P. Pouli, S. Kogou, C. Fotakis, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 102, 7-14 (2013); doi:[10.1016/j.saa.2012.10.001](https://doi.org/10.1016/j.saa.2012.10.001), Citations: 32

## 2012

18. **Nonlinear microscopy techniques for assessing the UV laser polymer interactions**, A. Selimis, G.J. Tserevelakis, S. Kogou, P. Pouli, G. Filippidis, N. Sapogova N. Bityurin and C. Fotakis, OPTICS EXPRESS, 20(4) 3990-6 (2012); doi: [10.1364/OE.20.003990](https://doi.org/10.1364/OE.20.003990), Citations: 10

## 2011

19. **The potential use of plume imaging for real-time monitoring of laser ablation cleaning of stonework**, A. Khedr, V. Papadakis, P. Pouli, D. Anglos, M.A. Harith, Appl. Phys. B 105, 485-492 (2011); doi: [10.1007/s00340-011-4492-5](https://doi.org/10.1007/s00340-011-4492-5), Citations: 10

## 2010

20. **Analytical Spectroscopic Investigation of Wavelength and Pulse Duration Effects on Laser-Induced Changes of Egg-Yolk-Based Tempera Paints**, M. Oujja, P. Pouli, C. Fotakis, C. Domingo, M. Castillejo, Applied Spectroscopy, 64 (5), 528- 536 (2010); doi: <http://www.opticsinfobase.org/as/abstract.cfm?URI=as-64-5-528>, Citations: 20

21. **The use of model probes for assessing in-depth modifications induced during the laser cleaning of modern paintings**, P. Vounisiou, A. Selimis, G. J. Tserevelakis, K. Melessanaki, P. Pouli, G. Filippidis, C. Beltsios, S. Georgiou, C. Fotakis, Applied Physics A: Materials Science & Process 100, 647–652 (2010). doi: [10.1007/s00339-010-5647-7](https://doi.org/10.1007/s00339-010-5647-7), Citations: 23

22. **A spectral imaging methodology for determining on-line the optimum cleaning level of stonework**, V. Papadakis, A. Loukaiti, P. Pouli, Journal of Cultural Heritage, 11, 325-328 (2010). doi: [10.1016/j.culher.2009.10.007](https://doi.org/10.1016/j.culher.2009.10.007), Citations: 23

## 2009

23. **Laser assisted removal of synthetic conservation materials from paintings using UV radiation of ns and fs pulse duration; morphological studies on model samples**, P. Pouli, A. Nevin, A. Andreotti, P. Colombini and C. Fotakis, Applied Surface Science, 255, 4955-4960 (2009); doi: [10.1016/j.apsusc.2008.12.049](https://doi.org/10.1016/j.apsusc.2008.12.049), Citations: 32

**2008**

24. **The laser-induced discoloration of stonework; a comparative study on its origins and remedies**, P. Pouli, C. Fotakis, B. Hermosin, C. Saiz-Jimenez, C. Domingo, M. Oujja and M. Castillejo, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 71, 932-945 (2008); doi: [10.1016/j.saa.2008.02.031](https://doi.org/10.1016/j.saa.2008.02.031), Citations: 39
25. **The potential of UV femtosecond laser ablation for varnish removal in the restoration of painted works of art**, P. Pouli, I.-A. Paun, G. Bounos, S. Georgiou and C. Fotakis, *Applied Surface Science*, 254, 6875-6879 (2008); doi: [10.1016/j.apsusc.2008.04.106](https://doi.org/10.1016/j.apsusc.2008.04.106), Citations: 24

**2007**

26. **Laser Conservation of art**, *Nature Materials*, A. Nevin, P. Pouli, S. Georghiou, C. Fotakis, 6, 320-322 (2007); doi: [10.1038/nmat1895](https://doi.org/10.1038/nmat1895), Citations: 29

**2006**

27. **A Comprehensive Study for the Laser Cleaning of Corrosion Layers due to Environmental Pollution for Metal Objects of Cultural Value: Preliminary Studies on Artificially Corroded Coupons**, A. Siatou, D. Charalambous, V. Argyropoulos, and P. Pouli, *Laser Chemistry*, vol. 2006, Article ID 85324 (2006); doi: [10.1155/2006/85324](https://doi.org/10.1155/2006/85324), Citations: 6
28. **Characterization of Stone Cleaning by Nd:YAG Lasers with Different Pulse Duration**, L. Bartoli, P. Pouli, C. Fotakis, S. Siano, R. Salimbeni, *Laser Chemistry*, vol. 2006, Article ID 81750, 6 p. (2006); doi: [10.1155/2006/81750](https://doi.org/10.1155/2006/81750), Citations: 8
29. **Multianalytical Study of Laser Pulse Duration Effects in the IR Laser Cleaning of Wall Paintings from the Monumental Cemetery of Pisa**, A. Andreotti, M. P. Colombini, A. Nevin, K. Melessanaki, P. Pouli, C. Fotakis, *Laser Chemistry*, vol. 2006, Article ID 39046 (2006); doi: [10.1155/2006/39046](https://doi.org/10.1155/2006/39046), Citations: 6

**2005**

30. **Measuring the thickness of protective coatings on historic metal objects using nanosecond and femtosecond LIBS depth profiling**, P. Pouli, K. Melessanaki, A. Giakoumaki, V. Argyropoulos, D. Anglos, *Spectrochimica Acta Part B* 60, 1163-71 (2005), doi: [10.1016/j.sab.2005.05.028](https://doi.org/10.1016/j.sab.2005.05.028), Citations: 53
31. **Nd:YAG Laser Double Wavelength Ablation Of Pollution Encrustation On Marble And Bonding Glues On Duplicated Painting Canvas**, S. Batishche, A. Englezis, T. Gorovets, A. Kouzmouk, U. Pilipenka, P. Pouli, H. Tatur, G. Totou, V. Ukhau, *Applied Surface Science* 248, 264- 269 (2005), doi: [10.1016/j.apsusc.2005.03.046](https://doi.org/10.1016/j.apsusc.2005.03.046), Citations: 6

**2003**

32. **Short Free Running Nd:YAG laser to clean different encrustation on Pentelic marble: procedure and evaluation of the effects**, P. Maravelaki-Kalaitzaki, V. Zafirooulos, P. Pouli, D. Anglos, C. Balas, R. Salimbeni, S. Siano, R. Pini, *Journal of Cultural Heritage* 4, S77-S82 (2003); doi: [10.1016/S1296-2074\(02\)01151-2](https://doi.org/10.1016/S1296-2074(02)01151-2), Citations: 16
33. **Comparative study on the application of the 1st and the 3rd harmonic of a Nd: YAG laser system to clean black encrustation on marble**, G. Marakis, P. Pouli, V. Zafirooulos, P. Maravelaki-Kalaitzaki, *Journal of Cultural Heritage* 4, S83-S91 (2003); doi: [10.1016/S1296-2074\(02\)01208-6](https://doi.org/10.1016/S1296-2074(02)01208-6), Citations: 31
34. **Removal of dye-based ink stains from ivory: Evaluation of cleaning results based on wavelength dependency and laser type**, O Madden, P Pouli, M Abraham, C Fotakis, *Journal of Cultural Heritage* 4, S98-S105 (2003); doi: [10.1016/S1296-2074\(02\)01184-6](https://doi.org/10.1016/S1296-2074(02)01184-6), Citations: 7
35. **Yellowing effect and discoloration of pigments: Experimental and Theoretical studies**, V. Zafirooulos, C. Balas, A. Manousaki, G. Marakis, P. Maravelaki-Kalaitzaki, K. Melesanaki, P. Pouli, T. Stratoudaki, S. Klein, J. Hildenhausen, K. Dickmann, B. S. Luk'yanchuk, C. Mujat, A. Dogariu, *Journal of Cultural Heritage* 4, S249-S256 (2003); doi: [10.1016/S1296-2074\(02\)01205-0](https://doi.org/10.1016/S1296-2074(02)01205-0), Citations: 61
36. **Studies towards a thorough understanding of the laser-induced discoloration mechanisms of medieval pigments**, P. Pouli, D.C. Emmony, C.E. Madden, I. Sutherland, *Journal of Cultural Heritage* 4, S271-S275 (2003); doi: [10.1016/S1296-2074\(02\)01207-4](https://doi.org/10.1016/S1296-2074(02)01207-4), Citations: 43
37. **Laser cleaning of inorganic encrustation on excavated objects: evaluation of the cleaning result by means of multi-spectral imaging**, P. Pouli, V. Zafirooulos, C. Balas, Y. Doganis, A. Galanos, *Journal of Cultural Heritage* 4, S338-S342 (2003); doi: [10.1016/S1296-2074\(02\)01217-7](https://doi.org/10.1016/S1296-2074(02)01217-7), Citations: 16

**2001**

38. **Analysis of the laser-induced reduction mechanisms of medieval pigments**, P. Pouli, D.C. Emmony, C.E. Madden, I. Sutherland; *Appl. Surf. Science*, 173 (3-4), pp. 252-261 (2001); doi:[10.1016/S0169-4332\(00\)00909-0](https://doi.org/10.1016/S0169-4332(00)00909-0), Citations: 61
39. **The effect of Nd:YAG laser radiation on medieval pigments**, *Journal of Cultural Heritage*, 1 (2), pp. S181-S188 (2000); doi: [10.1016/S1296-2074\(00\)00143-6](https://doi.org/10.1016/S1296-2074(00)00143-6), Citations: 28

**CONTRIBUTIONS TO BOOKS AND EDITED VOLUMES**

1. **Eastern Mediterranean Perspectives on eco-conscious, resilient, and sustainable preservation of Museum Collections and Heritage Sites in Greece**, V. Argyropoulos, D Karolidis, P. Pouli, *Invited Chapter Submitted in "Collections Management as Critical Practice"*, Editors Cara Krmpotich and Alice Stevenson, Wiley-Blackwell, Manuscript submitted on 17 Oct 2022
2. **Laser cleaning on stonework; principles, case studies and future prospects**, P. Pouli, Invited Chapter #3; Springer Nature Switzerland AG 2022 75 F. Gherardi, P. N. Maravelaki (eds.), *Conserving Stone Heritage*, Cultural Heritage Science, 2022, [https://link.springer.com/chapter/10.1007%2F978-3-030-82942-1\\_3#DOI](https://link.springer.com/chapter/10.1007%2F978-3-030-82942-1_3#DOI), p. 75-100
3. **Laser Cleaning**, P. Pouli, Invited chapter in *The Encyclopedia of Archaeological Sciences*, Sandra L. López Varela (Ed), 2018, <https://doi.org/10.1002/9781119188230.saseas0341>
4. **Une technique prototype du nettoyage au laser pour les sculptures et les monuments de l'Acropole d'Athènes, Grèce**, P. Pouli, C. Fotakis, E. Papakonstantinou, A. Frantzikinaki, A. Panou, G. Frantzi, C. Vasiliadis, (in *French*) Invited chapter in «*Monumental*», *Revue scientifique et technique des monuments historiques*, Semestriel 2, 2015, 90-92
5. **An Integrated Approach to the Study and Preservation of Paintings Using Laser Light Technology; Diagnosis, Analysis and Cleaning**, P. Pouli, K. Melessanaki, V. Tornari, E. Bernikola, G. Filippidis, D. Anglos, C. Fotakis, Invited Chapter in "*the Science and Art: The Painting Surface*", edited by A. Sgamellotti, B.G. Brunetti, C. Miliani, Royal Society of Chemistry, Chapter 14, 287-313 (2014), ISBN-978-1-84973-636-7, <http://www.rsc.org/shop/books/2014/9781849738187.asp>
6. **Laser technology for chemical analysis, structural diagnosis and cleaning of byzantine painted artworks**, P. Pouli, In "technology and Informatics in Cultural Heritage; applications on byzantine Icon", ed. N. Miridis, University of Macedonia Press, Chapter 5, 177-222 (2014) (in Greek)
7. **Lasers in the analysis and conservation of Cultural Heritage; state of the art and new trends**, P. Pouli, A. Nevin, A. Andreotti, Invited Chapter 12 in "New trends in analytical, environmental and Cultural Heritage Chemistry", Eds. M. P. Colombini, L. Tassi (Research Signpost, 2008), pp 309-332.
8. **Combination of ultraviolet and infrared laser pulses for sculpture cleaning: the application of this innovative methodology on the surface of the Acropolis monuments and sculptures**, P Pouli, V Zafirooulos, Invited Chapter 9 in "Study on the restoration of the Parthenon, Volume 7: Study on the cleaning of the West Frieze", Eds. The Greek Ministry of Culture and the Committee for the Conservation of the Acropolis Monuments, Athens 2002 (in Greek) ISBN 960-214-034-8.

**CONFERENCE PROCEEDINGS****2023**

1. **CALLOS project: Conservation of Athens antiquities with Laser and Lidar technologies Open to Science and public**, Pouli, P., Giakoumaki, A., Ampatzioglou, E., Antonopoulou, T., Dellis, S., Bekiari, C., In: Osman, A., Moropoulou, A., Lampropoulos, K. (eds) *Advanced Nondestructive and Structural Techniques for Diagnosis, Redesign and Health Monitoring for the Preservation of Cultural Heritage*. TMM 2023. Springer Proceedings in Materials, vol 33. Springer, Cham. [https://doi.org/10.1007/978-3-031-42239-3\\_5](https://doi.org/10.1007/978-3-031-42239-3_5).
2. **Digital technologies for Heritage Conservation Labs Open to the public. The case of the CALLOS project**, S. Papida, M. Athanasiadou, K. Petrakis, L. Charami, D. Angelakis, C. Bekiari, K. Melessanaki, P. Pouli, In: Moropoulou, A., Georgopoulos, A., Ioannides, M., Doulamis, A., Lampropoulos, K., Ronchi, A. (eds) *Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage*. TMM\_CH 2023. Communications in Computer and Information Science, vol 1889. Springer, Cham. [https://doi.org/10.1007/978-3-031-42300-0\\_9](https://doi.org/10.1007/978-3-031-42300-0_9).



**2021**

3. **A multi- and interdisciplinary methodological approach for monitoring Cultural Heritage Built Assets: the HERACLES experience**, A. Siatou, G. Alexandrakis, **P. Pouli**, A. Curulli, E. Kavoulaki, S. Knezic and G. Padeletti, In: Osman, A., Moropoulou, A. (eds) *Advanced Nondestructive and Structural Techniques for Diagnosis, Redesign and Health Monitoring for the Preservation of Cultural Heritage*. Springer Proceedings in Materials, vol 16. Springer, Cham. [https://link.springer.com/chapter/10.1007/978-3-031-03795-5\\_9](https://link.springer.com/chapter/10.1007/978-3-031-03795-5_9)

**2019**

4. **Implementing the HERACLES Ontology - An Ontology as backbone for a Knowledge Base in the Cultural Heritage Protection Domain**, Tobias Hellmund, Philipp Hertweck, Jürgen Moßgraber, Désirée Hilbring, **P. Pouli**, G. Padeletti, *International Journal on Advances in Intelligent Systems*, ISSN 1942-2679 vol. 12, no. 3 & 4, 2019, pages 158-168, [http://www.iariajournals.org/intelligent\\_systems/](http://www.iariajournals.org/intelligent_systems/)
5. **Monitoring and mapping of deterioration products on cultural heritage monuments using imaging and laser spectroscopy**, K. Hatzigiannakis, K. Melessanaki, A. Philippidis, O. Kokkinaki, E. Kalokairinou, P. Siozos, **P. Pouli**, E. Politaki, A. Psaroudaki, A. Dokoumetzidis, E. Katsaveli, E. Kavoulaki and V. Sithiakaki, *Proceedings of the 1st International Conference TMM-CH "Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage"*, 10-13 October, 2018 Athens, Greece In: Moropoulou A., Korres M., Georgopoulos A., Spyrakos C., Mouzakis C. (eds) *Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage*. TMM\_CH 2018. Communications in Computer and Information Science, vol 962. Springer, Cham. [https://link.springer.com/chapter/10.1007%2F978-3-030-12960-6\\_29](https://link.springer.com/chapter/10.1007%2F978-3-030-12960-6_29). Citations: 2

**2018**

6. **An Ontology for Cultural Heritage Protection against Climate Change**, Jürgen Moßgraber, Désirée Hilbring, Tobias Hellmund, **P. Pouli**, G. Padeletti, *The Twelfth International Conference on Advances in Semantic Processing, SEMAPRO 2018*, 18-22 Nov 2018, Citations: 1
7. **Studies on Azulejo glaze welding by means of laser irradiation**, Sílvia R. M. Pereira, Kostas Hatzigiannakis, Eleni Polychronaki, Kristallia Melessanaki, Paraskevi Pouli, João M. Mimoso, *GlazeArt2018*, *International Conference Glazed Ceramics in Cultural Heritage*, Lisbon, October 29-30, 2018, <http://glazeart2018.lnec.pt/>

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