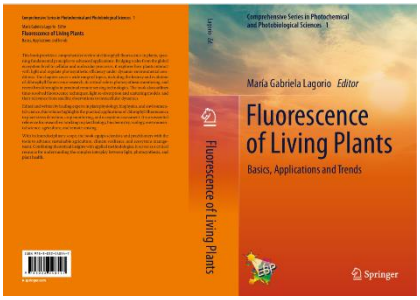
Publications

92. Soil moisture ranges optimizing PSII efficiency and energy partitioning in C3, C4, and CAM plants revealed by chlorophyll fluorescence. B. Ospina-Calvo, M. Petri, G. A. González, M. G. Lagorio, *J. Photochem. Photobiol.* 34,
2026, https://doi.org/10.1016/j.jpap.2026.100291.

91. Silver-Form-Driven Nanotoxicity Reveals *Spirodela intermedia* W. Koch as a Potential Bioindicator for Aquatic Systems. M. S. Cruz, M. Petri, L. Terraciano, M. G. Lagorio, G. A. González, and V. Diz. *Chemical Research in Toxicology,* **2026**.
https://pubs.acs.org/action/showCitFormats?doi=10.1021/acs.chemrestox.5c00490&ref=pdf

90



Book. Lagorio, M. G. Editor. **FLUORESCENCE OF LIVING PLANTS**. Basics, Applications and Trends. Ed. Springer. 2025. Comprehensive Series in Photochemical and Photobiological Sciences.
https://link.springer.com/book/9783032048547

89. Spatiotemporal Analysis of Herbicide-Induced Stress in Chicory Leaves Using Chlorophyll-a Fluorescence Imaging. I. López Valiño, G. B. Cordon, M. G. Lagorio. *Photochem. Photobiol. Sci.,* **2025.** https://doi.org/10.1007/s43630-025-00792-x.

88. Bioplatform for Detecting Organophosphorus Compound Exposure. T. R. Filippini, A. Hunt, M. G. Lagorio, G. B. Cordon, V. Diz, G. A. González. *Health Security*, **2025**. , https://doi.org/10.1177/23265094251384642.

87. Arsenic and Vanadium in soils: Effects on Photosynthetic Chain Dynamics in *Ocimum basilicum* L. C. A. Costamagna, R. S. Lavado, F. V. Molina, M. G. Lagorio, *Photochemical and Photobiological Sciences*, **2025**, **24**, 813–825 (2). https://doi.org/10.1007/s43630-025-00729-4.

86. Evaluating photosystem II efficiency in Parachlorella kessleri under atrazine exposure using chlorophyll a fluorescence analysis. B. Ospina Calvo, A. B. Juárez, M. G: Lagorio, *J. Photochem. Photobiol. B: Biology*, 267, **2025**, 113167, https://doi.org/10.1016/j.jphotobiol.2025.113167.

85. Tracking acetylcholinesterase inhibitor pesticides in the environment using the rapid transient of chlorophyll fluorescence. I. López Valiño, G. Dieguez Gaviola, V. E. Diz, G. A. González, M. G. Lagorio, G. B. Cordon, *Photochemistry and Photobiology*, **2025;** 00: 1-13. doi:10.1111/php.14080**.**

84. Cordon, G., Petri, M., López Valiño, I., Lagorio, M.G. **2025**. Perspectives on Chlorophyll Fluorescence. In: Comprehensive Series in Photochemical and Photobiological Sciences. Springer, Cham. https://doi.org/10.1007/17361_2025_4

83. Lagorio, M. G. Chlorophyll fluorescence. History. Chapter 1 in FLUORESCENCE OF LIVING PLANTS. Basics, Applications and Trends. Comprehensive Series in Photochemical and Photobiological Sciences. 2**024,** Springer, Cham. https://doi.org/10.1007/17361_2024_1

82. Lagorio, M.G., Cordon, G.B., Romero, J.M., López Valiño, I. From Space to Cells: Physical Models for Light Re-absorption and Scattering. In: FLUORESCENCE OF LIVING PLANTS. Basics, Applications and Trends Comprehensive Series in Photochemical and Photobiological Sciences. 2**024,** Springer, Cham. https://doi.org/10.1007/17361_2024_2

81. Semblanza de Pedro Aramendía. Carlos A. Chesta y María Gabriela Lagorio. Ciencia e Investigación., Reseñas. Asociación argentina para el progreso de las ciencias, **2024**. Revista Ciencia e Investigación Reseñas – AAPC (aargentinapciencias.org)

80. Editorial: Special Issue on Optical Spectroscopy of Plants and Algae, G. Agati, M. G. Lagorio, *Journal of Photochemistry and Photobiology*, **2024**, 100246, https://doi.org/10.1016/j.jpap.2024.100246

79. Chlorophyll fluorescence in sentinel plants for the surveillance of chemical risk. M. Petri, G. B. Cordon, V. E. Diz, G. A. González, M. G. Lagorio. *Journal of Photochemistry and Photobiology B*, **2024**, 257, 112965. https://doi.org/10.1016/j.jphotobiol.2024.112965

78. Hydrodynamic cavitation effects over complex organic mixtures. S. N. Fleite, R. Torres, M. G. Lagorio, V. V. Ranade, M. C. Cassanello, *Chemical Engineering Research and Design*, **2024**, 204, 371–381. https://doi.org/10.1016/j.cherd.2024.02.036

77. Solid-state spiro-rhodamines: rational design of photoactive materials**,** J. Alday, C. Huck Iriart, M. G. Lagorio, M. G. Lebrero, S. Suárez, *Acta Crystallographica Section A*, **2023**, A79, C74. https://journals.iucr.org/a/issues/2023/a2/00/a63005/a63005.pdf

76. Improved photosynthetic performance induced by Fe3O4 nanoparticles. R. Torres, V. Diz, M. G. Lagorio, *Photochem. Photobiol Sci*., **2022***,* 1-16; https://doi.org/10.1007/s43630-022-00269-1

75. Nanobiophotonics. Effect of carbon nanoparticles on the optical and spectroscopic properties of *Cichorium intybus* leaves. R. Torres, V. Diz, M. G. Lagorio*, J. Photochem. Photobiol*., **2022**, 10, 100121. https://doi.org/10.1016/j.jpap.2022.100121

74. In situ photoswitching of spirorhodamine isomers in solid state J. Alday, M. Michel Torino, L. Alvarez, M. G. Lagorio, C. Huck Iriart, S. Suarez, *Acta Cryst.,* **2021,** A77**,** C392. Conference paper. https://journals.iucr.org/a/issues/2021/a2/00/a59981/a59981.pdf

73. Mixed approach on Chroodactylon ornatum (Stylonematophyceae, Rhodophyta) tolerance to hyposalinity: growth, photosynthetic performance and carbohydrate analysis. Y. Daglio, J. M. Romero, M. G. Lagorio, C. A. Stortz, M. C. Rodríguez, *Phycologia*, **2021**, 61, 16-26, https://doi.org/10.1080/00318884.2021.1993027

72. A mathematical approach to assess the ability of light filters to improve color discriminability of color vision deficient persons. N. González Bardeci, M. G. Lagorio, *Heliyon*, **2021**, Research article E08058, DOI: https://doi.org/10.1016/j.heliyon.2021.e08058

71. Canopy active fluorescence spectrum tracks ANPP changes upon irrigation treatments in soybean crop. J.M. Romero, A. Otero, M. G. Lagorio, A.G. Berger, G. B. Cordon, *Rem. Sens. Env*., **2021**, 263, 112525. https://doi.org/10.1016/j.rse.2021.112525

70. Effects of sub-optimal illumination in plants. Comprehensive chlorophyll fluorescence analysis. R. Torres, J. M. Romero, M. G. Lagorio, *J. Photochem. Photobiol. B*, **2021**, 218, 112182. https://doi.org/10.1016/j.jphotobiol.2021.112182

69. A cost-effective algae-based biosensor for water quality analysis: development and testing in collaboration with peasant communities. C. Prudkin-Silva, E. Lanzarotti, L. Álvarez, M. B. Vallerga, M. Factorovich, U. N. Morzan, M. Petrona Gómez, N. P. González, Y. M. Acosta, F. Carrizo, E. Carrizo, S. Galeano, M. G. Lagorio, A. B. Juárez, R. E. Ithuralde, J. M. Romero, C. M. Urdampilleta, *Environ. Technol. Innov*., **2021**, 22, 101479. https://doi.org/10.1016/j.eti.2021.101479

68. Influence of Surface Structure, Pigmentation and Particulate Matter on Plant Reflectance and Fluorescence, N. Cuba, R. Torres, E. San Román and M. G. Lagorio, *Photochem. Photobiol.,* **2021**, 97, 110-121. https://doi.org/10.1111/php.13273

67. Biophotonics. Fluorescence and Reflectance in Living Organisms. M. Gabriela Lagorio, Gabriela B. Cordon, Analia Iriel, Juan M. Romero, Julián Faivovich and Carlos Taboada, *Sci. Rev. Few*, **2020**, 2, 1, 18-41. https://doi.org/10.52712/sciencereviews.v2i1.36

66. Simulation and optimization of a lamella settler for cattle feedlot wastewater treatment and nutrients recovery. Experimental validation in the field. S. N. Fleite, A. R. García, L. L. Missoni, R. Torres, M. G. Lagorio, M. Cassanello, *Heliyon*, **2020**, 6, 12, e05840. https://doi.org/10.1016/j.heliyon.2020.e05840

65. Tutorial: Determination of Fluorescence Quantum Yields in Scattering Media. M. G. Lagorio, *Methods Appl. Fluoresc*., **2020**, 8, 4, 043001, https://dx.doi.org/10.1088/2050-6120/aba69c

64. R. 

Multiple origins of green coloration in frogs mediated by a novel biliverdin-binding serpin, C. Taboada, A. E. Brunetti, M. L. Lyra, R. R. Fitak, A. Faigon, S. Ron, M. G. Lagorio, C. F. B. Haddad, N. P. Lopes, S. Johnsen, J. Faivovich, L. B. Chemes, Sara E. Bari, *PNAS*, jul **2020**, 202006771; https://doi.org/10.1073/pnas.2006771117

63. Re-absorption and scattering of chlorophyll fluorescence in canopies: A revised approach, J. M. Romero, G. B. Cordon and M. G. Lagorio, *Rem. Sens. Env.*, **2020**, 246, 111860. https://doi.org/10.1016/j.rse.2020.111860

62. Photochemistry and photophysics of biological systems, chlorophyll fluorescence and photosynthesis**.** J. M. Romero, R. Torres, B. Ospina Calvo, V. E. Diz, A. Iriel, G. B. Cordon, and M. G. Lagorio, *An. Asoc. Qca. Arg.*, **2020**, 107, 2, 1-32. https://www.aqa.org.ar/images/anales/pdf107-2/107-2.pdf

61. Enrique San Román (1945–2019) (Research note), P. Aramendía, S. Braslavsky and M. G. Lagorio, *Photochem. Photobiol.,* **2020**, https://doi.org/10.1111/php.13259

60. Quantitative Effects of Pigmentation on the Re-absorption of Chlorophyll a Fluorescence and Energy Partitioning in leaves, B. Ospina Calvo and M. G. Lagorio. *Photochem Photobiol.* **2019**; 95, 1360-1368. doi:10.1111/php.13149. https://doi.org/10.1111/php.13149

59. Non-destructive methodologies applied to track the occurrence of natural micropollutants in watering: *Glycine max* as a biomonitor, A. Iriel, G. Cordon, A. Fernandez Cirelli, M. G. Lagorio. *Ecotoxicology and Environmental Safety* **2019**, 182, 109368. https://doi.org/10.1016/j.ecoenv.2019.109368

58. Estimación de la eficiencia de uso de la radiación en recursos forrajeros perennes del Uruguay, Capítulo 8 en Bases ecológicas y tecnológicas para el manejo de pastizales II. José M Paruelo, Mariano Oyarzabal; Gabriela Cordon; María Gabriela Lagorio; Marcelo Pereira, Instituto Nacional de Investigación agropecuaria, Uruguay. Serie FPTA-INIA, N^0 69, marzo **2019**, ISSN: 1688-924X. https://ri.conicet.gov.ar/handle/11336/198995

57. MALDI- and LDI-MS saponin fingerprint of leaves and sticks components of commercial yerba mate (Ilex paraguariensis), G. Petroselli, T. L. Parapugna, M. G. Lagorio, R. Erra-Basells. *J. Mass Spectrometry*, **2019**, 54, 2, 195-203. https://doi.org/10.1002/jms.4324

56.

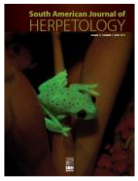
Photophysics at Unusually High Dye Concentrations. H. B. Rodriguez, M. Mirenda, M. G. Lagorio, E. San Román, *Acc. Chem. Res.*, **2019,** 52, 1, 110-118, https://doi.org/10.1021/acs.accounts.8b00271

55. Arsenic effects on some photophysical parameters of Cichorium intybus under different radiation and water irrigation regimes. G. Cordon, A. Iriel, A. Fernández Cirelli, M.G. Lagorio, Chemosphere **2018**, 204, 398-404. https://doi.org/10.1016/j.chemosphere.2018.04.048

54. Effects of gold nanoparticles on the photophysical and photosynthetic parameters of leaves and chloroplasts. R. Torres, V. Diz, M. G. Lagorio, *Photochem. Photobiol. Sci***., 2018**, 17, 505-516. https://doi.org/10.1039/c8pp00067k

53. Modeling re-absorption of fluorescence from the leaf to the canopy level. J. M: Romero, G. B. Cordon and M. G. Lagorio, *Rem Sens Environ*, **2018**, 204, 138-146. http://dx.doi.org/10.1016/j.rse.2017.10.035

52.



Fluorescent Frogs: A Herpetological Perspective. C. Taboada, A. E. Brunetti, C.Alexandre, M. G. Lagorio, J. Faivovich, *South American Journal of Herpetology,* 12, **2017**, 1–15. https://doi.org/10.2994/SAJH-D-17-00029.1

51.

Naturally occurring fluorescence in frogs. C.Taboada, A. E. Brunetti, F. N. Pedron, F. Carnevale Neto, D. A. Estrin, S. E. Bari, L. B. Chemes, N. Peporine Lopes, M. G. Lagorio and J. Faivovich. *PNAS*, **2017**, 114, 3672–3677. https://doi.org/10.1073/pnas.1701053114

50. Variability in chlorophyll fluorescence spectra of eggplant fruit grown under different light environments: a case study, B. Ospina Calvo, T. L. Parapugna and M. G. Lagorio, *Photochem. Photobiol. Sci.*, **2017**, 16, 711-710, https://doi.org/10.1039/C6PP00475J

49. Lead effects on Brassica napus photosynthetic organs, G. V. Ferreyroa, M. G. Lagorio, María A. Trinelli, Raúl S. Lavado, Fernando V. Molina, *Ecotoxicology and Environmental Safety*, **2017**, 140, 123–130. https://doi.org/10.1016/j.ecoenv.2017.02.031

48. Rapid spectroscopic method to assess moisture content in free and packaged oregano (*Origanum vulgare* L.). Johanna Mendes Novo, Analia Iriel, and María Gabriela Lagorio. *JARMAP*, **2016**, 3, 211-214. https://doi.org/10.1016/j.jarmap.2016.08.004

47. Suggestions and Recommendations for Future Research in Phytoremediation, Analia Iriel, M. Gabriela Lagorio and Alicia Fernández Cirelli, *Journal of Botanical Sciences/BIOBIO*, **2016**, S3, 29-31.

46. Biospectroscopy, biospectrometry and imaging of *Ilex paraguariensis*. Basis for non-destructive quality evaluation using artificial vision, Tamara L. Parapugna, Gabriela Petroselli, Rosa Erra-Basells and M. Gabriela Lagorio, *Photochem. Photobiol. Sci*, **2016**, 15, 879-888. https://doi.org/10.1039/C6PP00054A

45. Chlorophyll fluorescence, photochemical reflective index and normalized difference vegetative index during plant senescence, Gabriela B. Cordon, M. Gabriela Lagorio y José Paruelo; *J. Plant Physiol.*, **2016**, 199, 100-110. https://doi.org/10.1016/j.jplph.2016.05.010

44. Biosorption of arsenic from groundwater using Vallisneria gigantea plants. Kinetics, equilibrium and photophysical considerations, Analia Iriel, Maria G. Lagorio, Alicia Fernández Cirelli, *Chemosphere*, **2015**, 138, 383-389. https://doi.org/10.1016/j.chemosphere.2015.06.053

43. Reviewing the relevance of fluorescence in biological Systems, María Gabriela Lagorio*, Gabriela Beatriz Cordon and Analia Iriel, *Photochem. Photobiol. Sci.,* **2015**, 14, 1538-1559. https://doi.org/10.1039/C5PP00122F

42. Effect of arsenic on reflectance spectra and chlorophyll fluorescence of aquatic plants, Analia Iriel, Gavin Dundas, Alicia Fernández Cirelli, Maria G. Lagorio, *Chemosphere*, **2015**, 119 697-703. https://doi.org/10.1016/j.chemosphere.2014.07.066

41. Remoción de arsénico en localidades de la provincia de Santiago del Estero, Argentina. Evaluación del acceso, uso y calidad de agua en poblaciones rurales con problemas de arsénico. Marta I. Litter, Sebastián Pereyra, Clara
E. López Pasquali, Analía Iriel, Alejandro M. Senn, Fabiana E. García, María Florencia Blanco Esmoris, Karina Rondano, D. Carolina Pabón, Lelia E. Dicelio, María G. Lagorio, Gabriel D. Noel. AIDIS **2015,** 125, 13-25. https://www.researchgate.net/publication/329949548_Remocion_de_arsenico_en_localidades_de_la_provincia_de_Santiago_del_Estero_Argentina_Evaluacion_del_acceso_uso_y_calidad_de_agua_en_poblaciones_rurales_con_problemas_de_arsenico

40. Atrazine and Methyl viologen effects on Chlorophyll-a fluorescence revisited. Implications in Photosystems Emission and Ecotoxicity Assessment. Analia Iriel, Johanna Mendes Novo, Gabriela Cordon and M. Gabriela Lagorio. *Photochem. Photobiol*., **2014,** 90, 107-112. https://doi.org/10.1111/php.12142

39. Reflectance Spectroscopy (invited review) in Optical Spectroscopy: Technology, Properties and Performance, M. G. Lagorio. Editor: Nicolae Tomozeiu, Nova Science Publishers, Eds, N.Y., USA., **2014,** Chapter 2, 35-61. ISBN: 978-1-63321-277-0.

38. Spectroscopy, Microscopy and Fluorescence Imaging of *Origanum vulgare* L. Basis for Non-destructive Quality Assessment. Johanna Mendes Novo, Analia Iriel, M. Claudia Marchi and M. Gabriela Lagorio. *Photochem. Photobiol*. **2013**, 89, 1383-1390**.** https://doi.org/10.1111/php.12131

37. Understanding the Role of Pigments in Flowers (invited review) in Flowers: Morphology, Evolutionary Diversification and Implications for the Environment, M. G. Lagorio. Nova Science Publishers, Teodor Berntsen and Kaj Alsvik, Eds., New York, USA., **2013**, Ch.3, pp.55-74, Book ID: 3430, Chapter ID: 18100. ISBN: 978-1-62808-798-7.

36. Assessment of the role of fluorescent root and seed exudates in crop plants, Pablo Yaryura, Gabriela Cordon, Mariana León, Norma Kerber, Norma Pucheu, M. Gabriela Lagorio, Gerardo Rubio, Jorge Vivanco and Augusto García. *Journal of Plant Nutrition,* ISNN 0190-4167, **2013**, 36, 811-824**.** https://doi.org/10.1080/01904167.2012.757320

35. Understanding the Role of Pigments in Flowers, M. G. Lagorio. *Environmental Research Journal*, **2013**, 7, 3, 248-265.

34.

Fluorescent and ultraviolet sexual dichromatism in the blue-winged parrotlet, A. S. Barreira, M. G. Lagorio, D. A. Lijtmaer, C. Lougheed, and P. L. Tubaro. *J. Zoology*, **2012,** 288, 135–142. https://doi.org/10.1111/j.1469-7998.2012.00931.x

33.

Modelling chlorophyll fluorescence of kiwi fruit (Actinidia deliciosa), J. M. Novo, A. Iriel and M. G. Lagorio. *Photochem. Photobiol. Sci*., **2012**, 11, 724-730. https://doi.org/10.1039/c2pp05299g

32. Chlorophyll Fluorescence as a rapid assay method for ecotoxicity assessment. J. Mendes Novo, A. Iriel, G. B. Cordon and M. G. Lagorio. Proceedings of the International Congress of Environmental Science and Technology ISBN 978-987-28123-1-7. Asociación Argentina para el Progreso de las Ciencias EDITORIAL, Buenos Aires – Argentina, **2012**, 769-774. https://doi.org/10.1039/b617685b

31. Sensing chlorophyll, carotenoids and anthocyanin concentration in leaves with spatial resolution from digital image (invited manuscript). In Color in Food: Technological and Psychophysical Aspects G. B. Cordon and M. G. Lagorio., CRC Press, New York, USA. ISBN 978-1-43987-693-0, **2012,** Ch.13, 121-132.

30. Photoreceptors and Quantum catches (invited review) in Photoreceptors: Physiology, Types and Abnormalities, M. G. Lagorio. Nova Science Publishers, New York, USA. ISBN 978-1-61942-619-1, **2012**, Ch.6, 113-132.

29. Chlorophyll fluorescence emission spectra in photosynthetic organisms (invited review) in Chlorophyll: Structure, Production and Medicinal Uses M. G. Lagorio., Nova Science Publishers, New York, USA. ISBN 978-1-61470-974-9, **2011**, 115-150.

28. Is the flower fluorescence relevant in biocommunication? Analía Iriel and M. Gabriela Lagorio, *Naturwissenschaften,* **2010**, 97, 10, 915-924. https://doi.org/10.1007/s00114-010-0709-4.

27. Non-destructive Assessment of Water and Pigments in Leaves from the Remission Function using the Kubelka-Munk theory. Gabriela B. Cordon, Santiago Gismondi, Analía V. Nievas, M. Gabriela Lagorio, *Proceedings of the International Color Association,* **2010**, 397-400. ISSN 0280-2198. https://doi.org/10.1016/j.ecoenv.2019.109368

26. Sensing chlorophyll and anthocyanin concentration in leaves with spatial resolution from digital image. Gabriela B. Cordon and M. Gabriela Lagorio. *Proceedings of the International Color Association,* **2010**, 425-428 ISSN 0280-2198.

25. Implications of reflectance and fluorescence of *Rhododendron indicum* flowers in biosignaling. Analía Iriel and M. Gabriela Lagorio, *Photochem. Photobiol. Sci.*, **2010**, 9; 342-348. ISSN 1474-905x. https://doi.org/10.1039/B9PP00104B

24. Effect of phosphorus deficiency on reflectance and chlorophyll fluorescence of cotyledons of oilseed rape (*Brassica napus* L). Yaryura, P., Cordon, G., Leon, M., Kerber, N., Pucheu, N., Rubio, G., García, A., Lagorio, M. G., *Journal of Agronomy and Crop Science*, **2009**, 195, 186-196. ISSN 0931-2250. https://doi.org/10.1111/j.1439-037X.2008.00359.x

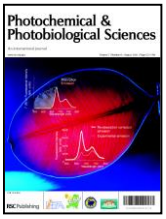
23.

Biospectroscopy of *Rhododendron indicum* flowers. Non-destructive assessment of Anthocyanins in petals using a reflectance-based method. Analia Iriel and María Gabriela Lagorio, *Photochem. Photobiol. Sci.*, **2009**, 8, 337-344. https://doi.org/10.1039/b814461c

22. Optical properties of the adaxial and abaxial faces of leaves. Chlorophyll fluorescence, absorption and scattering coefficients, Gabriela B. Cordon and M. Gabriela Lagorio, *Photochem. Photobiol. Sci.*, **2007**, 6, 873-882. ISSN 1474-905x. https://doi.org/10.1039/B617685B

21. Absorption and scattering coefficients. A biophysical-chemistry experiment using reflectance spectroscopy, Gabriela B. Cordon and M. Gabriela Lagorio, *J. Chem. Educ.*, **2007**, 84, 1167-1170. https://doi.org/10.1021/ed084p1167

20.



Re-absorption of chlorophyll fluorescence in leaves revisited. A comparison of correction models, Gabriela B. Cordon and M. Gabriela Lagorio, *Photochem. Photobiol. Sci.,* 2006, 5, 735-740. https://doi.org/10.1039/B517610G

19. A model considering light reabsorption processes to correct in vivo chlorophyll fluorescence spectra in apples, M. Eva Ramos and M. Gabriela Lagorio, *Photochem. Photobiol. Sci.*, **2006**, 5, 508-512. https://doi.org/10.1039/b514248b

18. True fluorescence spectra of leaves, M. Eva Ramos and M. Gabriela Lagorio, *Photochem. Photobiol. Sci.*, **2004**, 3, 1063-1066. https://doi.org/10.1039/b406525e

17.

Why do Marbles become paler on grinding? Reflectance Spectroscopy, Color and particle size, M. Gabriela Lagorio. *J. Chem. Educ*., **2004**, 81, 1607-1611. https://doi.org/10.1021/ed081p1607

16. Rose Bengal adsorbed on microgranular cellulose. Evidence of fluorescent dimers, Hernán B. Rodriguez, M. Gabriela Lagorio and Enrique San Román, *Photochem. Photobiol. Sci*., **2004,** 3, 674-680. https://doi.org/10.1039/b402484b

15. Photophysics on surfaces: Determination of Absolute Fluorescence Quantum Yields from Reflectance Spectra, Martín Mirenda, M. Gabriela Lagorio and Enrique San Román, *Langmuir*, **2004**, 20, 3690-3697. https://doi.org/10.1021/la035923x

14. M. A. Grela, B. Loeb, G. Restrepo, M. G. Lagorio y E. San Román, Cap. 5 "Los mecanismos de destrucción de contaminantes orgánicos. Eliminación de Contaminantes por Fotólisis Heterogénea. Nueva edición editada por Miguel A. Blesa y Benigno Sanchez. Editorial Ciemat. Madrid, **2004**.

13. The Kinetics of Dissolution Revisited by Paula S. Antonel, Pablo A. Hoijemberg, Leandro M. Maiante and M. Gabriela Lagorio, *J. Chem. Educ*., **2003**, 80, 1042-1044. https://doi.org/10.1021/ed080p1042

12. How Does Light Scattering Affect Luminescence? M. Gabriela Lagorio and Enrique San Román, *J. Chem.Educ*., **2002**, 79, 1362-1367. https://doi.org/10.1021/ed079p1362

11. Microcrystalline Cellulose as a Carrier for Hydrophobic Photosensitizers in Water, André Zeug, Joerg Zimmermann, Beate Roeder, M. Gabriela Lagorio and Enrique San Román, *Photochem. Photobiol. Sci*., **2002**, 1, 198-203. https://doi.org/10.1039/B109592G

10. Photophysics of Supported Dyes: Phthalocyanine on Silanized Silica Analía Iriel, M. Gabriela Lagorio, Lelia E. Dicelio and Enrique San Román, *Phys. Chem. Chem. Phys*., **2002**, 4, 224-231. https://doi.org/10.1039/B108542P

9. M. A. Grela, B. Loeb, G. Restrepo, M. G. Lagorio y E. San Román, Cap. 5 "Los mecanismos de destrucción de contaminantes orgánicos", Eliminación de Contaminantes por Fotólisis Heterogénea. CYTED, ed. M. A. Blesa, 2001.

8. Photophysical Properties of Supported Dyes. Quantum Yield Calculations in Scattering Media. Sandra Amore, M. Gabriela Lagorio, Lelia E. Dicelio, and Enrique San Román, *Progress in Reaction Kinetics and Mechanism,* **2001,** 26, 159-177. https://doi.org/10.3184/007967401103165235

7. Photophysics on surfaces: Absorption and luminescence properties of Pheophorbide-a on cellulose. M. Gabriela Lagorio, Enrique San Román, André Zeug, Joerg Zimmermann and Beate Roeder, *Phys. Chem. Chem. Phys.,* **2001,** 3, 1524-1529. https://doi.org/10.1039/B100077M

6. Photophysical Properties and Partition Equilibrium of cationic porphyrins in liposomes, Nora G. Angeli, María G. Lagorio, Lelia E. Dicelio and Enrique San Román, *Photochemistry and Photobiology,* **2000,** 72, 1, 49-56. ISSN 0031-8655.

5. Electron Densities. Pictorial analogies for apparent ambiguities in probability calculations. M. Gabriela Lagorio, *J. Chem. Educ.,* **2000,** 77, 1444-1445. https://doi.org/10.1021/ed077p1444
Observación: Lectura recomendada por el prof. E. Besalú para Química Física (Facultat de Ciencies. Universitat de Girona) en http://iqc.udg.es/~emili/docent/qf/qf_lectures_recomanades.pdf.

4. Reflectance Spectroscopy using Wine Bottle Glass, M. Gabriela Lagorio. *J. Chem. Educ.,* **1999,** 76, 1551-1554. https://doi.org/10.1021/ed076p1551

3. Modeling of Fluorescence Quantum Yields of Supported dyes. Aluminum carboxyphthalocyanine on cellulose, M. G. Lagorio, L. E. Dicelio, M. I. Litter and E. San Román, *J. Chem. Soc., Faraday Trans.,* **1998,** 94, 3, 419-425. https://doi.org/10.1039/A706113G

2. Visible and near-IR spectroscopic and photochemical characterization of substituted metallophthalocyanines, M. Gabriela Lagorio, Lelia E. Dicelio, and Enrique San Román, *J. Photochem. Photobiol. A: Chem.,* **1993,** 72, 153-161**.** https://doi.org/10.1016/1010-6030(93)85022-Z

1. Quantum yield of Singlet Molecular Oxygen Sensitization by Cu(II)-Tetracarboxyphthalocyanine, M. Gabriela Lagorio, Lelia E. Dicelio, Enrique San Román, and Silvia E. Braslavsky, *J. Photochem. Photobiol. B: Biology,* **1989**, 615-624**.** https://doi.org/10.1016/1011-1344(89)80084-3