# Blas Mola-Yudego

List of Publications by Year
in descending order



| 90 | 2,139 | 172207 | 276539 |
|---|---|---|---|
| papers | citations | 29 h-index | 41 g-index |

| 95 | 95 | 95 | 2443 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Determinants of farmersâ€™ waste generation and disposal in rural areas of central China. Environmental Science and Pollution Research, 2023, 30, 9011-9021. | 2.7 | 4 |
| 2 | Positioning the biofuel policy in the bioeconomy of theBioEastmacro-region. Biofuels, 2022, 13, 833-842. | 1.4 | 5 |
| 3 | Nationwide climate-sensitive models for stand dynamics and forest scenario simulation. Forest Ecology and Management, 2022, 505, 119909. | 1.4 | 9 |
| 4 | Characteristics and emerging patterns of forest conflicts in Europe - What can they tell us?. Forest Policy and Economics, 2022, 136, 102671. | 1.5 | 14 |
| 5 | Industrial End-Usersâ€™ Preferred Characteristics for Wood Biomass Feedstocks. Energies, 2022, 15, 3721. | 1.6 | 2 |
| 6 | How Much Can We See from a UAV-Mounted Regular Camera? Remote Sensing-Based Estimation of Forest Attributes in South American Native Forests. Remote Sensing, 2021, 13, 2151. | 1.8 | 4 |
| 7 | The effect of bogie track and forwarder design on rut formation in a peatland. International Journal of Forest Engineering, 2021, 32, 12-19. | 0.4 | 3 |
| 8 | Reed Canary Grass for Energy in Sweden: Yields, Land-Use Patterns, and Climatic Profile. Forests, 2021, 12, 897. | 0.9 | 7 |
| 9 | From preferences to concerted policy on mandated share for renewable energy in transport. Energy Policy, 2021, 155, 112355. | 4.2 | 9 |
| 10 | Strategic deployment of riparian buffers and windbreaks in Europe can co-deliver biomass and environmental benefits. Communications Earth & Environment, 2021, 2, . | 2.6 | 11 |
| 11 | New energy crop alternatives for Northern Europe: Yield, chemical and physical properties of Giant knotweed (Fallopia sachalinensis var. â€˜Igniscumâ€™) and Virginia mallow (Sida hermaphrodita). Fuel, 2021, 304, 121349. | 3.4 | 10 |
| 12 | Where and when are plantations established? Land-use replacement patterns of fast-growing plantations on agricultural land. Biomass and Bioenergy, 2021, 144, 105921. | 2.9 | 10 |
| 13 | Beneficial land use change: Strategic expansion of new biomass plantations can reduce environmental impacts from EU agriculture. Global Environmental Change, 2020, 60, 101990. | 3.6 | 55 |
| 14 | Multifunctional perennial production systems for bioenergy: performance and progress. Wiley Interdisciplinary Reviews: Energy and Environment, 2020, 9, e375. | 1.9 | 26 |
| 15 | Renewable energy and wood fuel productions in the Nordic region: Can it be changed?. Journal of Cleaner Production, 2020, 276, 123547. | 4.6 | 7 |
| 16 | Predicting individual tree growth using stand-level simulation, diameter distribution, and Bayesian calibration. Annals of Forest Science, 2020, 77, 1. | 0.8 | 6 |
| 17 | The invasive forest pathogen Hymenoscyphus fraxineus boosts mortality and triggers niche replacement of European ash (Fraxinus excelsior). Scientific Reports, 2020, 10, 5310. | 1.6 | 16 |
| 18 | Size dependency of variables influencing fire occurrence in Mediterranean forests of Eastern Spain. European Journal of Forest Research, 2020, 139, 525-537. | 1.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modelling damage occurrence by snow and wind in forest ecosystems. Ecological Modelling, 2019, 408, 108741. | 1.2 | 27 |
| 20 | Fire and burn severity assessment: Calibration of Relative Differenced Normalized Burn Ratio (RdNBR) with field data. Journal of Environmental Management, 2019, 235, 342-349. | 3.8 | 39 |
| 21 | Simulating the effects of wind and snow damage on the optimal management of Norwegian spruce forests. Forestry, 2019, 92, 406-416. | 1.2 | 10 |
| 22 | Positive water linkages of producing short rotation poplars and willows for bioenergy and phytotechnologies. Wiley Interdisciplinary Reviews: Energy and Environment, 2019, 8, e345. | 1.9 | 22 |
| 23 | Estimation of forest biomass components using airborne LiDAR and multispectral sensors. IForest, 2019, 12, 207-213. | 0.5 | 13 |
| 24 | Energy analysis of poplar production for bioenergy in Sweden. Biomass and Bioenergy, 2018, 112, 110-120. | 2.9 | 15 |
| 25 | Most similar neighbor imputation of forest attributes using metrics derived from combined airborne LIDAR and multispectral sensors. International Journal of Digital Earth, 2018, 11, 1205-1218. | 1.6 | 8 |
| 26 | HEIGHT-DIAMETER MODELS FOR Eucalyptus sp. PLANTATIONS IN BRAZIL. Cerne, 2018, 24, 9-17. | 0.9 | 18 |
| 27 | Thinning regimes and initial spacing for Eucalyptus plantations in Brazil. Anais Da Academia Brasileira De Ciencias, 2018, 90, 255-265. | 0.3 | 22 |
| 28 | Energy analysis of willow production for bioenergy in Sweden. Renewable and Sustainable Energy Reviews, 2018, 93, 473-482. | 8.2 | 25 |
| 29 | Thinning regimes and initial spacing for Eucalyptus plantations in Brazil. Anais Da Academia Brasileira De Ciencias, 2018, 90, 255-265. | 0.3 | 3 |
| 30 | Identification of structural breaks in the forest product markets: how sensitive are to changes in the Nordic region?. Mitigation and Adaptation Strategies for Global Change, 2017, 22, 469-483. | 1.0 | 3 |
| 31 | Reviewing wood biomass potentials for energy in Europe: the role of forests and fast growing plantations. Biofuels, 2017, 8, 401-410. | 1.4 | 27 |
| 32 | Mechanised harvesting of short-rotation coppices. Renewable and Sustainable Energy Reviews, 2017, 76, 90-104. | 8.2 | 39 |
| 33 | Wood biomass potentials for energy in northern Europe: Forest or plantations?. Biomass and Bioenergy, 2017, 106, 95-103. | 2.9 | 40 |
| 34 | How does forest composition and structure affect the stability against wind and snow?. Forest Ecology and Management, 2017, 401, 215-222. | 1.4 | 40 |
| 35 | Achievable or unbelievable? Expert perceptions of the European Union targets for emissions, renewables, and efficiency. Energy Research and Social Science, 2017, 34, 144-153. | 3.0 | 14 |
| 36 | Adaptive management rules for Pinus nigra Arnold ssp. salzmannii stands under risk of fire. Annals of Forest Science, 2017, 74, 1. | 0.8 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Impact of Populus Plantations on Water and Soil Quality. Bioenergy Research, 2017, 10, 750-759. | 2.2 | 10 |
| 38 | Poplar and willow plantations on agricultural land in Sweden: Area, yield, groundwater quality and soil organic carbon. Forest Ecology and Management, 2017, 383, 99-107. | 1.4 | 41 |
| 39 | Nitrogen fertilization of poplar plantations on agricultural land: effects on diameter increments and leaching. Scandinavian Journal of Forest Research, 2017, 32, 700-707. | 0.5 | 8 |
| 40 | What variables make a forest stand vulnerable to browsing damage occurrence?. Silva Fennica, 2017, 51, . | 0.5 | 7 |
| 41 | Climate-sensitive site index models for Norway. Canadian Journal of Forest Research, 2016, 46, 794-803. | 0.8 | 21 |
| 42 | Assessing external factors on substitution of fossil fuel by biofuels: model perspective from the Nordic region. Mitigation and Adaptation Strategies for Global Change, 2016, 21, 445-460. | 1.0 | 6 |
| 43 | Spatial yield estimates of fastâ€growing willow plantations for energy based on climatic variables in northern Europe. GCB Bioenergy, 2016, 8, 1093-1105. | 2.5 | 18 |
| 44 | Assessment of the Main Natural Disturbances on Norwegian Forest Based on 20 Years of National Inventory. PLoS ONE, 2016, 11, e0161361. | 1.1 | 20 |
| 45 | Pruning effect in Eucalyptus grandis x Eucalyptus urophylla clone growth. Scientia Forestalis/Forest Sciences, 2016, 44, . | 0.2 | 0 |
| 46 | Different Factors for Different Causes: Analysis of the Spatial Aggregations of Fire Ignitions in Catalonia (Spain). Risk Analysis, 2015, 35, 1197-1209. | 1.5 | 31 |
| 47 | How Much Yield Should We Expect from Fast-Growing Plantations for Energy? Divergences Between Experiments and Commercial Willow Plantations. Bioenergy Research, 2015, 8, 1769-1777. | 2.2 | 29 |
| 48 | Cradle-to-gate life cycle assessment of Eucalyptus globulus short rotation plantations in Chile. Journal of Cleaner Production, 2015, 99, 239-249. | 4.6 | 52 |
| 49 | Diameterâ€“Height Models for Fast-growing Poplar Plantations on Agricultural Land in Sweden. Bioenergy Research, 2015, 8, 1759-1768. | 2.2 | 9 |
| 50 | Land use evolution and management under recurrent conflict conditions: Umbundu agroforestry system in the Angolan Highlands. Land Use Policy, 2015, 42, 460-470. | 2.5 | 19 |
| 51 | Stakeholdersâ€™ Perceptions of Bioenergyâ€”Global Coverage and Policy Implications. , 2015, , 377-391. | | 5 |
| 52 | Assessing chipper productivity and operator effects in forest biomass operations. Silva Fennica, 2015, 49, . | 0.5 | 9 |
| 53 | A conceptual framework for the introduction of energy crops. Renewable Energy, 2014, 72, 29-38. | 4.3 | 30 |
| 54 | The coppice-with-standards silvicultural system as applied to Eucalyptus plantations â€” a review. Journal of Forestry Research, 2014, 25, 237-248. | 1.7 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Cradle-to-gate Life Cycle Assessment of forest operations in Europe: environmental and energy profiles. Journal of Cleaner Production, 2014, 66, 188-198. | 4.6 | 47 |
| 56 | Spatial analysis of the wood pellet production for energy in Europe. Renewable Energy, 2014, 63, 76-83. | 4.3 | 43 |
| 57 | Understanding bioenergy conflicts: Case of a jatropha project in Kenya's Tana Delta. Land Use Policy, 2014, 41, 138-148. | 2.5 | 20 |
| 58 | Life cycle assessment of potential energy uses for short rotation willow biomass in Sweden. International Journal of Life Cycle Assessment, 2013, 18, 783-795. | 2.2 | 36 |
| 59 | Business process mapping and discrete-event simulation of two forest biomass supply chains. Biomass and Bioenergy, 2013, 56, 370-381. | 2.9 | 34 |
| 60 | Forest chips for energy in Europe: Current procurement methods and potentials. Renewable and Sustainable Energy Reviews, 2013, 21, 562-571. | 8.2 | 52 |
| 61 | A quantitative review of the representation of forest conflicts across the world: Resource periphery and emerging patterns. Forest Policy and Economics, 2013, 33, 11-20. | 1.5 | 29 |
| 62 | Media coverage of forest conflicts: A reflection of the conflictsâ€™ intensity and impact?. Scandinavian Journal of Forest Research, 2012, 27, 143-153. | 0.5 | 12 |
| 63 | Quantitative investigation of forest conflicts using different data collection methods. Scandinavian Journal of Forest Research, 2012, 27, 130-142. | 0.5 | 2 |
| 64 | Students' views on forestry education: A cross-national comparison across three universities in Brazil, China and Finland. Forest Policy and Economics, 2012, 25, 123-131. | 1.5 | 19 |
| 65 | Mapping fire risk in the Model Forest of UrbiÃ³n (Spain) based on airborne LiDAR measurements. Forest Ecology and Management, 2012, 282, 149-156. | 1.4 | 69 |
| 66 | Impact of Willow Short Rotation Coppice on Water Quality. Bioenergy Research, 2012, 5, 537-545. | 2.2 | 61 |
| 67 | Changes in Organic Carbon and Trace Elements in the Soil of Willow Short-Rotation Coppice Plantations. Bioenergy Research, 2012, 5, 563-572. | 2.2 | 63 |
| 68 | Practices and perceptions on the development of forest bioenergy in China from participants in national forestry training courses. Biomass and Bioenergy, 2012, 40, 53-62. | 2.9 | 17 |
| 69 | Environmental assessment of energy production based on long term commercial willow plantations in Sweden. Science of the Total Environment, 2012, 421-422, 210-219. | 3.9 | 63 |
| 70 | Chipping operations and efficiency in different operational environments. Silva Fennica, 2012, 46, . | 0.5 | 31 |
| 71 | Environmental campaigns against forest companies: What are the campaigns trying to achieve?. Forest Systems, 2012, 21, 247. | 0.1 | 4 |
| 72 | Public perception on forestry issues in the Region of Valencia. Forest Systems, 2012, 21, 99. | 0.1 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Exploration of the relevance of geographical, environmental and socio-economic indicators regarding forest conflict types. International Forestry Review, 2011, 13, 46-55. | 0.3 | 3 |
| 74 | Predicting and mapping productivity of short rotation willow plantations in Sweden based on climatic data using a non-parametric method. Agricultural and Forest Meteorology, 2011, 151, 875-881. | 1.9 | 6 |
| 75 | Chinese university studentsâ€™ knowledge and attitudes regarding forest bio-energy. Renewable and Sustainable Energy Reviews, 2011, 15, 3649-3657. | 8.2 | 57 |
| 76 | Natural drying treatments during seasonal storage of wood for bioenergy in different European locations. Biomass and Bioenergy, 2011, 35, 4238-4247. | 2.9 | 70 |
| 77 | Predicting understory maximum shrubs cover using altitude and overstory basal area in different Mediterranean forests. European Journal of Forest Research, 2011, 130, 55-65. | 1.1 | 42 |
| 78 | Using multiscale spatial analysis to assess fire ignition density in Catalonia, Spain. Annals of Forest Science, 2011, 68, 861-871. | 0.8 | 19 |
| 79 | Pulling effects of district heating plants on the adoption and spread of willow plantations for biomass: The power plant in EnkÃ¶ping (Sweden). Biomass and Bioenergy, 2011, 35, 2986-2992. | 2.9 | 9 |
| 80 | Trends and productivity improvements from commercial willow plantations in Sweden during the period 1986â€“2000. Biomass and Bioenergy, 2011, 35, 446-453. | 2.9 | 40 |
| 81 | Exploration of the relevance of geographical, environmental and socio-economic indicators regarding forest conflict types. International Forestry Review, 2011, 13, 46-55. | 0.3 | 4 |
| 82 | Present and future trends in pellet markets, raw materials, and supply logistics in Sweden and Finland. Renewable and Sustainable Energy Reviews, 2010, 14, 3068-3075. | 8.2 | 62 |
| 83 | Mapping the expansion and distribution of willow plantations for bioenergy in Sweden: Lessons to be learned about the spread of energy crops. Biomass and Bioenergy, 2010, 34, 442-448. | 2.9 | 48 |
| 84 | The TRANSFOR success story: International forestry education through exchange. Forestry Chronicle, 2010, 86, 57-62. | 0.5 | 2 |
| 85 | Determining forest conflict hotspots according to academic and environmental groups. Forest Policy and Economics, 2010, 12, 575-580. | 1.5 | 38 |
| 86 | Regional potential yields of short rotation willow plantations on agricultural land in Northern Europe. Silva Fennica, 2010, 44, . | 0.5 | 43 |
| 87 | Blanket strategy: A response of environmental groups to the globalising forest industry. International Journal of the Commons, 2010, 4, 729. | 0.6 | 18 |
| 88 | Wood biomass production potential on agricultural lands in Northern Europe â€“ achieving the goals of energy policy. Dissertationes Forestales, 2009, 2009, . | 0.1 | 2 |
| 89 | Yield models for commercial willow biomass plantations in Sweden. Biomass and Bioenergy, 2008, 32, 829-837. | 2.9 | 98 |
| 90 | The effects of policy incentives in the adoption of willow short rotation coppice for bioenergy in Sweden. Energy Policy, 2008, 36, 3062-3068. | 4.2 | 53 |