# Adrian J Das

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4280839/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 37 papers | 1,870 citations | 361413 20 h-index | 315739 38 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 3090 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A synthesis of radial growth patterns preceding tree mortality. Global Change Biology, 2017, 23, 1675-1690. | 9.5 | 394 |
| 2 | Why is Tree Drought Mortality so Hard to Predict?. Trends in Ecology and Evolution, 2021, 36, 520-532. | 8.7 | 130 |
| 3 | Which trees die during drought? The key role of insect hostâ€tree selection. Journal of Ecology, 2019, 107, 2383-2401. | 4.0 | 127 |
| 4 | The contribution of competition to tree mortality in old-growth coniferous forests. Forest Ecology and Management, 2011, 261, 1203-1213. | 3.2 | 126 |
| 5 | Why do trees die? Characterizing the drivers of background tree mortality. Ecology, 2016, 97, 2616-2627. | 3.2 | 110 |
| 6 | SPATIAL ELEMENTS OF MORTALITY RISK IN OLD-GROWTH FORESTS. Ecology, 2008, 89, 1744-1756. | 3.2 | 105 |
| 7 | The relationship between tree growth patterns and likelihood of mortality: a study of two tree species in the Sierra Nevada. Canadian Journal of Forest Research, 2007, 37, 580-597. | 1.7 | 87 |
| 8 | What mediates tree mortality during drought in the southern Sierra Nevada?. Ecological Applications, 2017, 27, 2443-2457. | 3.8 | 74 |
| 9 | Climatic Correlates of Tree Mortality in Water- and Energy-Limited Forests. PLoS ONE, 2013, 8, e69917. | 2.5 | 71 |
| 10 | Climate change impacts on forest growth and tree mortality: a data-driven modeling study in the mixed-conifer forest of the Sierra Nevada, California. Climatic Change, 2008, 87, 193-213. | 3.6 | 61 |
| 11 | Does Prescribed Fire Promote Resistance to Drought in Low Elevation Forests of the Sierra Nevada, California, USA?. Fire Ecology, 2016, 12, 13-25. | 3.0 | 61 |
| 12 | The effect of size and competition on tree growth rate in old-growth coniferous forests. Canadian Journal of Forest Research, 2012, 42, 1983-1995. | 1.7 | 54 |
| 13 | Preâ€fire drought and competition mediate postâ€fire conifer mortality in western U.S. National Parks. Ecological Applications, 2018, 28, 1730-1739. | 3.8 | 52 |
| 14 | Continent-wide tree fecundity driven by indirect climate effects. Nature Communications, 2021, 12, 1242. | 12.8 | 46 |
| 15 | Patterns and correlates of giant sequoia foliage dieback during Californiaâ€™s 2012â€“2016 hotter drought. Forest Ecology and Management, 2018, 419-420, 268-278. | 3.2 | 33 |
| 16 | Effects of postfire climate and seed availability on postfire conifer regeneration. Ecological Applications, 2021, 31, e02280. | 3.8 | 33 |
| 17 | Nonlinear shifts in infectious rust disease due to climate change. Nature Communications, 2021, 12, 5102. | 12.8 | 33 |
| 18 | Remote measurement of canopy water content in giant sequoias (Sequoiadendron giganteum) during drought. Forest Ecology and Management, 2018, 419-420, 279-290. | 3.2 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | North American tree migration paced by climate in the West, lagging in the East. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 27 |
| 20 | The influence of prefire tree growth and crown condition on postfire mortality of sugar pine following prescribed fire in Sequoia National Park. Canadian Journal of Forest Research, 2015, 45, 910-919. | 1.7 | 25 |
| 21 | Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381. | 12.8 | 21 |
| 22 | Crowding, climate, and the case for social distancing among trees. Ecological Applications, 2022, 32, e2507. | 3.8 | 20 |
| 23 | Landscape-scale variation in canopy water content of giant sequoias during drought. Forest Ecology and Management, 2018, 419-420, 291-304. | 3.2 | 19 |
| 24 | Improving estimates of tree mortality probability using potential growth rate. Canadian Journal of Forest Research, 2015, 45, 920-928. | 1.7 | 18 |
| 25 | Compounding effects of white pine blister rust, mountain pine beetle, and fire threaten four white pine species. Ecosphere, 2020, 11, e03263. | 2.2 | 16 |
| 26 | Individual speciesâ€“area relationships in temperate coniferous forests. Journal of Vegetation Science, 2018, 29, 317-324. | 2.2 | 15 |
| 27 | Mortality predispositions of conifers across western USA. New Phytologist, 2021, 229, 831-844. | 7.3 | 11 |
| 28 | The influence of pre-fire growth patterns on post-fire tree mortality for common conifers in western US parks. International Journal of Wildland Fire, 2020, 29, 513. | 2.4 | 11 |
| 29 | TREE MORTALITY IN BLUE OAK WOODLAND DURING EXTREME DROUGHT IN SEQUOIA NATIONAL PARK, CALIFORNIA. MadroÃ±o, 2020, 66, 164. | 0.4 | 10 |
| 30 | Leaf to landscape responses of giant sequoia to hotter drought: An introduction and synthesis for the special section. Forest Ecology and Management, 2018, 419-420, 249-256. | 3.2 | 9 |
| 31 | Empirically validated drought vulnerability mapping in the mixed conifer forests of the <scp>Sierra Nevada</scp>. Ecological Applications, 2022, 32, e2514. | 3.8 | 9 |
| 32 | An individual-based growth and competition model for coastal redwood forest restoration. Canadian Journal of Forest Research, 2014, 44, 1051-1057. | 1.7 | 8 |
| 33 | Negative impacts of summer heat on Sierra Nevada tree seedlings. Ecosphere, 2019, 10, e02776. | 2.2 | 8 |
| 34 | Seed production patterns of surviving Sierra Nevada conifers show minimal change following drought. Forest Ecology and Management, 2021, 480, 118598. | 3.2 | 5 |
| 35 | Forest Resistance to Extended Drought Enhanced by Prescribed Fire in Low Elevation Forests of the Sierra Nevada. Forests, 2021, 12, 1248. | 2.1 | 5 |
| 36 | Seasonal and Diel Environmental Conditions Predict Western Pond Turtle (Emys marmorata) Behavior at a Perennial and an Ephemeral Stream in Sequoia National Park, California. Chelonian Conservation and Biology, 2017, 16, 20. | 0.6 | 2 |

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|---|---|---|---|
| 37 | Mapping the vulnerability of giant sequoias after extreme drought in California using remote sensing. Ecological Applications, 2021, 31, e02395. | 3.8 | 2 |