

Tiago Marcolino de Souza

List of Publications by Year in descending order

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papers

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202
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | In situ hot elastic modulus evolution of MgOâ€C refractories containing Al, Si or Alâ€Mg antioxidants. <i>Ceramics International</i> , 2016, 42, 9836-9843. | 4.8 | 46 |
| 2 | Effect of Al ₄ SiC ₄ on the Al ₂ O ₃ SiCSiO ₂ C refractory castables performance. <i>Ceramics International</i> , 2012, 38, 3791-3800. | 4.8 | 40 |
| 3 | Systemic analysis of MgO hydration effects on aluminaâ€magnesia refractory castables. <i>Ceramics International</i> , 2012, 38, 3969-3976. | 4.8 | 37 |
| 4 | In situ elastic modulus evaluation of Al ₂ O ₃ â€MgO refractory castables. <i>Ceramics International</i> , 2014, 40, 1699-1707. | 4.8 | 25 |
| 5 | Acetic Acid Role on Magnesia Hydration for Cementâ€Free Refractory Castables. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1233-1241. | 3.8 | 23 |
| 6 | Phosphate chemical binder as an anti-hydration additive for Al ₂ O ₃ 3MgO refractory castables. <i>Ceramics International</i> , 2014, 40, 1503-1512. | 4.8 | 22 |
| 7 | Carrier induced ferromagnetism in Mn-doped ZnO: Monte Carlo simulations. <i>Applied Physics Letters</i> , 2008, 92, . | 3.3 | 20 |
| 8 | Lacunarity exponent and Moran index: A complementary methodology to analyze AFM images and its application to chitosan films. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 581, 126192. | 2.6 | 17 |
| 9 | Magnesium fluoride role on aluminaâ€magnesia cement-bonded castables. <i>Ceramics International</i> , 2014, 40, 14947-14956. | 4.8 | 9 |
| 10 | Oxidation protection system for hot elastic modulus evaluation of refractory ceramics. <i>Ceramics International</i> , 2014, 40, 7595-7600. | 4.8 | 9 |
| 11 | Mineralizing aluminaâ€magnesia cement-bonded castables containing magnesium borates. <i>Ceramics International</i> , 2015, 41, 11143-11152. | 4.8 | 9 |
| 12 | Enhancement of the Amazonian AÃ§aÃ§-Waste Fibers through Variations of Alkali Pretreatment Parameters. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900275. | 2.1 | 7 |
| 13 | Isolation and Characterization of Biosurfactant-Producing Bacteria from Amapaense Amazon Soils. <i>International Journal of Microbiology</i> , 2021, 2021, 1-11. | 2.3 | 6 |
| 14 | Pretreated unbleached cellulose screen reject for cement-bonded fiberboards. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 581-591. | 2.9 | 5 |
| 15 | ComparaÃ§Ã£o da qualidade dos tecidos do pecÃ£o de buriti (<i>Mauritia flexuosa</i> L. f.) para combustÃ£o e carbonizaÃ§Ã£o. <i>Ciencia Florestal</i> , 2020, 30, 516. | 0.3 | 4 |
| 16 | Exfoliating Agents for Skincare Soaps Obtained from the Crabwood Waste Bagasse, a Natural Abrasive from Amazonia. <i>Waste and Biomass Valorization</i> , 2021, 12, 4441-4461. | 3.4 | 3 |
| 17 | Exploiting the Amazonian AÃ§aÃ§-Palm Leaves Potential as Reinforcement for Cement Composites through Alkali and Bleaching Treatments. <i>Journal of Natural Fibers</i> , 2022, 19, 6947-6960. | 3.1 | 3 |
| 18 | MÃ³dulo elÃ¡stico como ferramenta para avaliaÃ§Ã£o da hidrataÃ§Ã£o da magnÃ©sia e dos processamento de concretos refratÃ¡rios. <i>Ceramica</i> , 2012, 58, 301-312. | 0.8 | 2 |

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|----|--|-----|-----------|
| 19 | Thermal Expansion Mismatch Analysis of Nano-bonded Refractory Castables. International Journal of Applied Ceramic Technology, 2014, 11, 984-992. | 2.1 | 1 |
| 20 | Hidratação da magnésia e seu efeito ligante em concretos refratários sem cimento. Ceramica, 2013, 59, 206-215. | 0.8 | 1 |
| 21 | Fontes de magnésia e seu potencial para produção de concretos refratários espelizados in-situ sem a adição de cimentos refratários. Ceramica, 2013, 59, 372-381. | 0.8 | 0 |
| 22 | Diferentes estratégias para aumentar a produção de biossurfactante de um isolado de Paenibacillus sp. (BR13834). Research, Society and Development, 2021, 10, e44101724232. | 0.1 | 0 |
| 23 | Tratamentos físicos e químicos de fibras residuais de Cocos nucifera L. visando aplicação em compostos cimentícios. Research, Society and Development, 2022, 11, e57311831259. | 0.1 | 0 |