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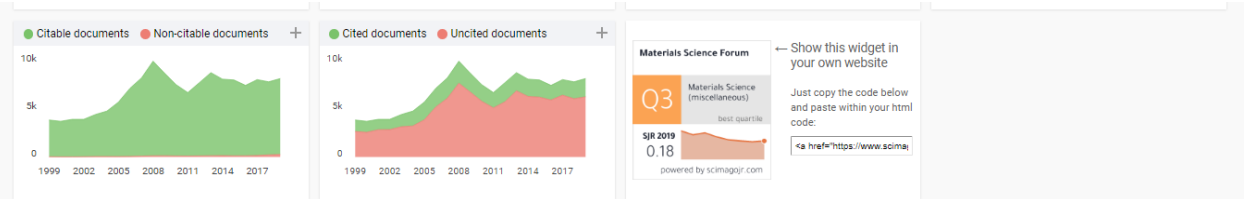
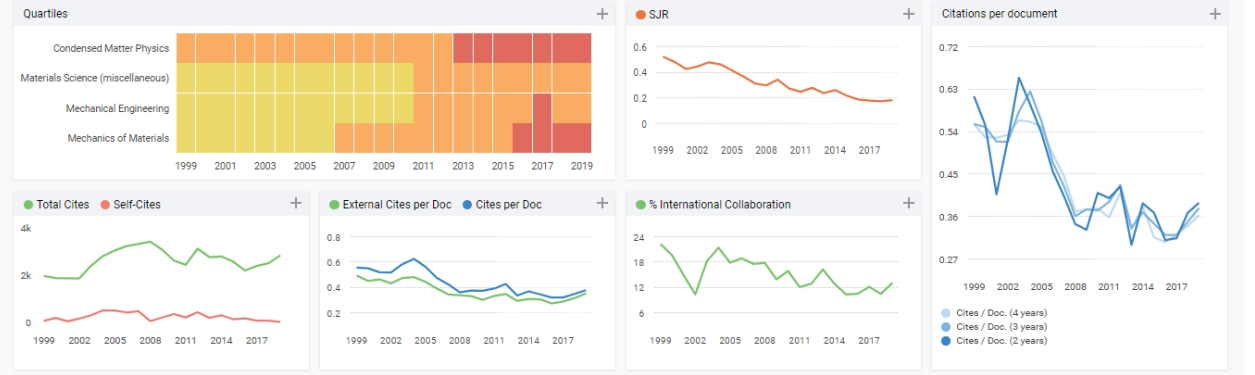
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The screenshot shows the Scientific.Net website interface for the article 'Retining Process and Identifying Content of Local Iron Sand'. The browser address bar displays <https://www.scientific.net/MSF.1028.32>. The page features a navigation menu with options like 'Published Papers', 'DISTRIBUTION & ACCESS', 'FOR PUBLICATION', 'DOWNLOADS', 'NEWS', 'ABOUT US', and 'CONTACT US'. A search bar is located below the navigation menu. The main content area is titled 'Paper Titles' and lists several articles. The selected article is 'Retining Process and Identifying Content of Local Iron Sand'. The abstract of this article is visible, detailing the synthesis of Barium M-Hexaferrite samples based on natural iron sand at Ketapang beach, Pringgabaya District, East Lombok with Mn-Ni doping ($BaFe_{12-x}Mn_xNi_xO_{19}$). The synthesis aims to determine the characteristics of the electrical properties of the Reflection Loss sample of $BaFe_{12-x}Mn_xNi_xO_{19}$ doped with Mn-Ni metal. The basic materials used in this study were natural iron sand and Barium Carbonate ($BaCO_3$) powder, while the doping materials used were Nickel (II) Chloride Hexahydrate ($NiCl_2 \cdot 6H_2O$) and Manganese(II) chloride ($MnCl_2$) powder with a variety of mole fraction ($x = 0, 2; 0, 4; 0, 6$ and $0, 8$). The solvent uses distilled water, 37% hydrochloric acid (HCl), and 25% NH_4OH solution. The samples were then calcined at 25 °C, 400 °C, and 600 °C. The obtained samples show that the higher the Mn-Ni doping ion content and the calcination temperature, the smaller the

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The conference will include plenary speeches, invited presentations, and contributed presentations (oral presentations). All accepted papers from the ICFMS 2020 will be published in international Journal which is indexed in SCOPUS databases.

We cordially invite you to attend the 5th International Conference on Functional Materials Science 2020. We do believe your great participation will make our conference success and we would appreciate your participation.

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- (4) Biomaterials
- (5) Theoretical/Modeling/Computer Simulations of Functional Materials
- (6) Spectroscopy for Advanced Materials
- (7) Hybrid and Composite Materials
- (8) Magnetic Materials

Zoom Meeting Link

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