

## عنوان مقاله:

Smart material in architecture

## محل انتشار:

چهارمین کنفرانس سراسری توسعه محوری مهندسی عمران ، معماری ، برق و مکانیک ایران (سال: 1395)

تعداد صفحات اصل مقاله: 13

## نویسنده:

Sajjad abbasi

## خلاصه مقاله:

The latter few years have been marked by a new generation of buildings: buildings with various degrees of high technology, which are extremely ecological in their behavior through the intelligent use of functionally adaptive materials, products and constructions that are able to react to changes in their direct or indirect surroundings and adjust themselves to suit. This creates new tasks for the designers and planners of these buildings, who must know, the design process requires knowledge and integration of many parameters belongs these new smart or intelligent materials and technologies for solutions to long-standing problems in building design. The goals of this research are to focus on materials that combine questions of sustainability with the performance of building materials The paper defines the terms Smart Materials and Smart Technologies in architecture, pointed out the architectural perspectives in order to assess how architecture can develop further by using the new technologies, describes examples on .completed projects and/or experiments by architects that deepened the knowledge

## کلمات کلیدی:

Smart Material, Building Systems, Sustainable Architecture

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/568675>

