

1. Record Nr.	UNINA9910704686303321
Autore	Torres-Pomales Wilfredo
Titolo	An approach for the assessment of system upset resilience / / Wilfredo Torres-Pomales
Pubbl/distr/stampa	Hampton, Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , 2013
Descrizione fisica	1 online resource (iv, 40 pages) : illustrations
Collana	NASA/TM ; ; 2013-217798
Soggetti	Resilience Avionics Reliability analysis Fracture mechanics Integrity Systems analysis Fault detection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on June 24, 2013). "January 2013."
Nota di bibliografia	Includes bibliographical references (pages 32-38).

2.	Record Nr.	UNINA9910132405903321
	Titolo	2013 IEEE 5th International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP) // IEEE
	Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , 2013
	ISBN	1-4673-3146-5
	Descrizione fisica	1 online resource
	Disciplina	621.3
	Soggetti	Adaptive signal processing Multisensor data fusion
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNICAMPANIAVAN0268380
	Autore	Haight, Frank A.
	Titolo	Applied Probability / Frank A. Haight
	Pubbl/distr/stampa	New York, : Plenum, 1981
	Descrizione fisica	xi, 290 p. : ill. ; 24 cm
	Soggetti	60K25 - Queueing theory (aspects of probability theory) [MSC 2020] 60-XX - Probability theory and stochastic processes [MSC 2020] 60Exx - Distribution theory [MSC 2020]
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

4. Record Nr.	UNINA9910367753703321
Autore	Bachmeier Beatrice
Titolo	Curcumin in Health and Disease / Beatrice Bachmeier
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039214501 3039214500
Descrizione fisica	1 electronic resource (274 p.)
Soggetti	Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The plant-derived polyphenol curcumin has been used in promoting health and combating disease for thousands of years. Its therapeutic effects have been successfully utilized in Ayurvedic and Traditional Chinese Medicine in order to treat inflammatory diseases. Current results from modern biomolecular research reveal the modulatory effects of curcumin on a variety of signal transduction pathways associated with inflammation and cancer. In this context, curcumin's antioxidant, anti-inflammatory, anti-tumorigenic, and even anti-metastatic activities are discussed. On the cellular level, the reduced activity of several transcription factors (such as NFkB or AP-1) and the suppression of inflammatory cytokines, matrix degrading enzymes, metastasis related genes and even microRNAs are reported. On functional levels, these molecular effects translate into reduced proliferative, invasive, and metastatic capacity, as well as induced tumor cell apoptosis. All these effects have been observed not only in vitro but also in animal models. In combination with anti-neoplastic drugs like Taxol, kinase inhibitors, and radiation therapy, curcumin potentiates the drugs' therapeutic power and can protect against undesired side effects. Natural plant-derived compounds like curcumin have one significant advantage: They do not usually cause side effects. This feature qualifies curcumin for primary prevention in healthy

persons with a predisposition to cancer, arteriosclerosis, or chronic inflammatory diseases. Nonetheless, curcumin is considered safe, although potential toxic effects stemming from high dosages, long-term intake, and pharmacological interactions with other compounds have yet to be assessed. This Special Issue examines in detail and updates current research on the molecular targets, protective effects, and modes of action of natural plant-derived compounds and their roles in the prevention and treatment of human diseases.
