

Sci Papers

TOP 10 SUBJECT AREAS FOR PAPERS PUBLISHED IN 2016	RECORD COUNT	% OF 2019
ENGINEERING	347	17.19%
CHEMISTRY	324	16.05%
ENVIRONMENTAL SCIENCES ECOLOGY	287	14.22%
MATERIALS SCIENCE	242	11.99%
PHYSICS	169	8.37%
COMPUTER SCIENCE	148	7.33%
SCIENCE TECHNOLOGY OTHER TOPICS	139	6.89%
MATHEMATICS	85	4.21%
MARINE FRESHWATER BIOLOGY	81	4.01%
TOXICOLOGY	69	3.42%

Data retrieved from ISI Web of Knowledge SM (Thomson Reuters) in 8 May 2017

TOP 10 CITED PAPERS	TOTAL N° CITATIONS (2012 - 2016)
Price, Nathan L.; Gomes, Ana P.; Ling, Alvin J. Y.; et al. (2012). SIRT1 Is Required for AMPK Activation and the Beneficial Effects of Resveratrol on Mitochondrial Function. <i>CELL METABOLISM</i> , 15: 675-690	411
Pullar, Robert C. (2012). Hexagonal ferrites: A review of the synthesis, properties and applications of hexaferrite ceramics. <i>PROGRESS IN MATERIALS SCIENCE</i> , 57: 1191-1334	410
Klionsky, Daniel J.; Abdelmohsen, Kotb; Abe, Akihisa; et al. (2016). Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>AUTOPHAGY</i> . 12: 1-222	354
Almeida Paz, Filipe A.; Klinowski, Jacek; Vilela, Sergio M. F.; et al. (2012). Ligand design for functional metal-organic frameworks. <i>CHEMICAL SOCIETY REVIEWS</i> , 41: 1088-1110.	345
Brites, Carlos D. S.; Lima, Patricia P.; Silva, Nuno J. O.; et al. (2012). Thermometry at the nanoscale. <i>NANOSCALE</i> , 4: 4799-4829	320
Gomes, Ana P.; Price, Nathan L.; Ling, Alvin J. Y.; et al. (2013). Declining NAD(+) Induces a Pseudohypoxic State Disrupting Nuclear-Mitochondrial Communication during Aging. <i>CELL</i> , 155 1624-1638.	255
Hubbard, Basil P.; Gomes, Ana P.; Dai, Han; et al. (2013). Evidence for a Common Mechanism of SIRT1 Regulation by Allosteric Activators. <i>SCIENCE</i> , 339: 1216-1219.	251
Antognini, Aldo; Nez, Francois; Schuhmann, Karsten; et al. (2013). Proton Structure from the Measurement of $2S-2P$ Transition Frequencies of Muonic Hydrogen. <i>SCIENCE</i> , 339: 417-420.	251
Rolo, Anabela P.; Teodoro, Joao S.; Palmeira, Carlos M. (2012). Role of oxidative stress in the pathogenesis of nonalcoholic steatohepatitis. <i>FREE RADICAL BIOLOGY AND MEDICINE</i> , 52: 59-69	241
Freire, Mara G.; Claudio, Ana Filipa M.; Araujo, Joao M. M.; et al. (2012). Aqueous biphasic systems: a boost brought about by using ionic liquids. <i>CHEMICAL SOCIETY REVIEWS</i> , 41: 4966-4995.	213