

SCI Cited Records* and Top 10 DOIs** of JZUS (Applied Physics & Engineering) Articles

Since JZUS website linked to Engineering Village 2 (www.ei.org) and INSPEC (ISI Web of Knowledge) full-text platform in 2005 by DOI (Digital Object Identifier), many interesting articles on Applied Physics and Engineering have been frequently downloaded and cited in SCI source publications from all over the world. This list shows the citation information.

Author(s)	Vol.	No.	Page	Cited No. ^a	Title	Affiliation
CHEN Wei-qiu <i>et al.</i>	4	1	1	4(1 ^a)	Three-dimensional analysis of a thick FGM rectangular plate in thermal environment	Zhejiang Univ., China
	2	1	9	3(1 ^a)	Exact solution of an external circular crack in a piezoelectric solid subjected to shear loading	Zhejiang Univ., China
	5	9	1009	2	Guest Review: Potential theory method for 3D crack and contact problems of multi-field coupled media: A survey	Zhejiang Univ., China
	3	1	1	2	Thermoelastic stresses in a uniformly heated functionally graded isotropic hollow cylinder	Zhejiang Univ., China
ZHANG Xing-wang <i>et al.</i>	5	12	1548	4(1 ^a)	Synthesis of TiO ₂ supported on activated carbon by MOCVD: operation parameters study	Zhejiang Univ., China
LIU Qing <i>et al.</i>	3	3	288	2	Solvent effects on infrared spectra of 2-methyl-4,5-dimethoxy-3-oxo-2H-pyridazine: Part 1. Single solvent systems	Zhejiang Univ., China
	3	5	559	1	Solvent effects on infrared spectra of 2-Methyl-4,5-dimethoxy-3-oxo-2H-pyridazine: Part 2. Binary Solvent Systems	Zhejiang Univ., China
ZHAO Jin-ping <i>et al.</i>	2	3	247	2 ^a	Mirror extending and circular spline function for empirical mode decomposition method	State Oceanic Administration, China
HOU Peng-fei <i>et al.</i>	2	2	146	2 ^a	A penny-shaped crack in an infinite piezoelectric body under antisymmetric point loads	Zhejiang Univ., China
GUO Chuang-xin <i>et al.</i>	5	7	851	2(1 ^a)	Swarm intelligence for mixed-variable design optimization	Zhejiang Univ., China
YUE Lin-hai <i>et al.</i>	2	3	271	1 ^a	Photocatalytic activity of lanthanum doping TiO ₂	Zhejiang Univ., China
	1	2	178	1 ^a	Distortion of crystal lattice and abnormal infra-red behavior in nanocrystalline CaCO ₃	Zhejiang Univ., China
YAN Wei <i>et al.</i>	5	11	1318	1 ^a	Time-dependent response of laminated isotropic strips with viscoelastic interfaces	Zhejiang Univ., China
SHEN Jian-qi <i>et al.</i>	5	11	1322	1 ^a	How to realize a negative refractive index material at the atomic level in an optical frequency range?	Zhejiang Univ., China; Royal Institute of Technology, Sweden
YUE Shi-hong <i>et al.</i>	5	11	1405	1 ^a	Using Greedy algorithm: DBSCAN revisited II	Zhejiang Univ., China; Yili Teacher's College, China
ZHAO Xiao-yu <i>et al.</i>	5	7	803	1 ^a	Decryption of pure-position permutation algorithms	Ningbo Univ., China
TANG De-song <i>et al.</i>	5	6	668	1 ^a	Interaction of catechins with aluminum in vitro	Zhejiang Univ., China; Zhejiang Hzsun Pharmaceutical Co. Ltd, China
Yin Ming-zhi <i>et al.</i>	5	6	696	1 ^a	Fabrication of LaAlO ₃ film by sol-gel process with corresponding inorganic	Xi'an Jiaotong Univ., China; Northwest Polytechnical Univ., China
HUA Yue-ming <i>et al.</i>	5	6	705	1 ^a	Rapid synthesis of ZSM-5 zeolite catalyst for amination of ethanolamine	Zhejiang Univ., China
ZHANG Fan	5	5	558	1 ^a	Graph rigidity and localization of multi-robot formations	Univ. of Pennsylvania, USA
MEMON Bashir-Ahmed <i>et al.</i>	5	5	618	1 ^a	Arc-length technique for nonlinear finite element analysis	Tongji Univ., China
WANG Victor	5	3	365	1 ^a	Full time adult credential students' instructional preferences at California State University, Long Beach: pedagogy or andragogy?	California State Univ., USA

HE Feng <i>et al.</i>	5	2	198	1 ^a	Degradation kinetics and mechanisms of phenol in photo-Fenton process	Zhejiang Univ., China
YANG Dong <i>et al.</i>	4	6	643	1 ^a	Approach for workflow modeling using π -calculus	Shanghai Jiao Tong Univ., China
LIU Sheng-Li <i>et al.</i>	4	5	532	1 ^a	Solving geometric constraints with genetic simulated annealing algorithm	Zhejiang Univ., China
CHEN Jiang-ying <i>et al.</i>	4	5	560	1 ^a	Analytical solutions of simply supported magneto-electroelastic circular plate under uniform loads	Zhejiang Univ., China; Ningbo Univ., China; Hunan Univ., China
WANG Yun <i>et al.</i>	4	4	379	1 ^a	Free vibration of piezoelectric annular plate	Zhejiang Univ., China; Hangzhou Institute of Electronic Engineering, China
ZOU Xi-yong <i>et al.</i>	4	3	264	1 ^a	Virtual local target method for avoiding local minimum in potential field based robot navigation	Zhejiang Univ., China
LI Yan-jun <i>et al.</i>	4	1	40	1 ^a	An adaptive ant colony system algorithm for continuous-space optimization problems	Zhejiang Uni., China
CAI Jin <i>et al.</i>	3	5	563	1 ^a	Fiber optic biosensor of immobilized firefly luciferase	Zhejiang Univ., China; Chinese Academy of Sciences, China
WU Zu-cheng <i>et al.</i>	3	2	194	1 ^a	Electrocatalysis method for wastewater treatment using a novel beta-lead dioxide anode	Zhejiang Univ., China
XU Jin-quan <i>et al.</i>	3	1	13	1 ^a	Stress field near an interface edge of linear hardening materials	Zhejiang Univ., China
YING Yi-ming <i>et al.</i>	2	3	257	1 ^a	A class of marcinkiewicz integral operators on product domains	Zhejiang Univ., China
HE Sailing <i>et al.</i>	6	5	355	1	A completely open cavity realized with photonic crystal wedges	Zhejiang Univ., China; Royal Institute of Technology, Sweden
WANG Jian-feng <i>et al.</i>	5	8	912	1	Study on the distribution of active centers in novel low Ti-loading MgCl ₂ -supported Ziegler-Natta catalyst	Zhejiang Univ., China; Ningbo College, China
YAO Qing-liu	5	3	353	1	Existence of solutions and positive solutions to a fourth-order two-point BVP with second derivative	Nanjing Univ. of Finance and Economics, China
CONG Yan-qing <i>et al.</i>	5	2	180	1	Degradation of chlorophenol by in-situ electrochemically generated oxidant	Zhejiang Univ., China
SHAO Xue-ming <i>et al.</i>	5	1	111	1	Sedimentation of a single particle between two parallel walls	Zhejiang Univ., China; Univ. of Sydney, Australia
SUNG Wen-Pei <i>et al.</i>	4	4	388	1	Analytical method for promoting process capability of shock absorption steel	National Chin-Yi Institute of Technology, Taiwan; National Kaoshiang First Univ. of Science and Technology, Taiwan
WANG Hong-zhi <i>et al.</i>	4	2	195	1	Computation of one-dimensional consolidation of double layered ground using differential quadrature method	Zhejiang Univ., China
LIN Jian-zhong <i>et al.</i>	3	5	501	1	Research on the orientation distribution of fibers immersed in a pipe flow	Zhejiang Univ., China
RUAN Yong-hong <i>et al.</i>	3	5	574	1	Polaronic effect on a bound polaron	Zhejiang Univ., China
YANG Qi-xiang	3	1	94	1	Decomposition in blocks at the level of wavelet coefficients and T(1) theorem on Hardy space	Wuhan Univ., China
ZHANG Wu <i>et al.</i>	1	3	284	1	An improved axisymmetric wilson nonconforming finite element method for stress analysis	Zhejiang Univ., China; Univ. of Arizona, USA; Rutgers Univ., USA
PAN Zhi-da <i>et al.</i>	1	1	20	1	Polymerization of methyl methacrylate with iron-ytterbium dinuclear metallocene catalyst	Zhejiang Univ., China

* Data source from ISI Web Knowledge; ^a The paper was cited by other authors from all over the world.

Top 10 DOIs of JZUS (2005-10 & 2005-11)

CrossRef Report for JZUS (2005-10)	
Top 10 DOIs	Resolutions to DOI
10.1631/jzus.2004.0721	14
10.1631/jzus.2005.B0725	9
10.1631/jzus.2005.A0826	9
10.1631/jzus.2005.A0853	7
10.1631/jzus.2005.B0664	5
10.1631/jzus.2005.B0574	5
10.1631/jzus.2005.A0251	5
10.1631/jzus.2005.A0141	5
10.1631/jzus.2004.1517	5
10.1631/jzus.2005.B0722	4

CrossRef Report for JZUS (2005-11)	
Top 10 DOIs	Resolutions to DOI
10.1631/jzus.2005.A0869	9
10.1631/jzus.2005.B1022	8
10.1631/jzus.2004.1471	8
10.1631/jzus.2005.A0222	7
10.1631/jzus.2005.B0999	6
10.1631/jzus.2005.A0733	6
10.1631/jzus.2005.A0601	5
10.1631/jzus.2004.0587	5
10.1631/jzus.2005.B0736	4
10.1631/jzus.2005.B0574	4

** Top 10 DOIs is a list of the most popular DOIs that were successfully looked up and how many times each was looked up, which is from CrossRef monthly report. CrossRef has created a system to automatically email publishers statistics on the number of DOI resolutions through the DOI proxy server (<http://dx.doi.org/>) on a month-by-month basis. These numbers give an indication of the use of your DOIs and the traffic coming to your site from users clicking DOIs. The DOI links are largely from links in other publishers' journal references to your articles, but they are also from DOI links in secondary databases, links from libraries using DOIs.

Table 1. JZUS's SCI cited statistics in different subjects from 2000 to 2005 Dec. 15th *

Contents\JZUS publishing year		2000	2001	2002	2003	2004	2005A	2005B	Total
A (Engineering Sciences)	Civil Engineering	1	5	3	8	3			20
	Energy & Environmental Engineering			3		7			10
	Mathematics & Physics		3	2		1			6
	Electric Engineering				3	3	1		7
	Computer				2	3			5
	Mechanical Engineering			1					1
	Management Science						1		1
B (Biotech. Biomed. & Biochem.)	Biology	2	2	5	3	24		4	40
	Medicine		7		8	8		3	26
	Materials and Chemistry	5	1	4	6	4			20
Total citation times/Year (Fig.1)		8/00	18/01	18/02	30/03	54/04	1/05	7/05	136 Total Cites

* The data is obtained from Cited Reference Search of Web of Science on ISI Web of Knowledge

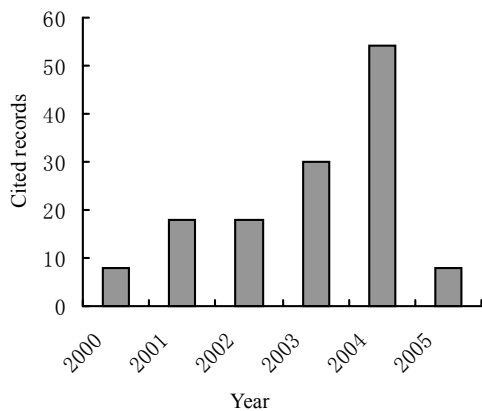


Fig.1 SCI cited records of JZUS articles published annual

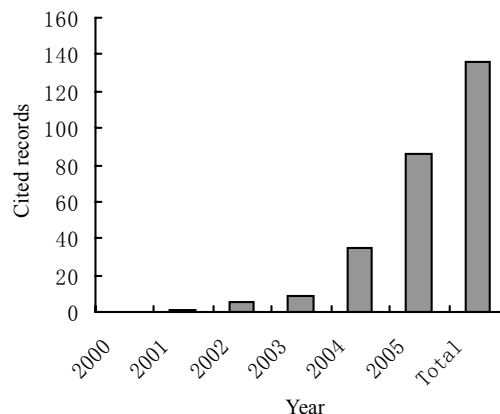


Fig.2 JZUS annual and total SCI cited records

Note:

1. JZUS articles' SCI cited record was 1 in 2001, 5 in 2002, 9 in 2003, 35 in 2004, and 86 times in 2005 (Due time: Dec. 15th) (Fig.2).

2. JZUS's total SCI cited record is 136 times since its founding in 2000, but 2003 ago, total was only 15 times, which indicated that in the short time-span (2004~2005), JZUS citation frequency net increased rapidly to almost 8 folds ($(136-15)/15=8.07$) that in the last four year (2000~2003) (Fig.2).

3. JZUS articles in Biology, Medicine, Environment and Chemistry (JZUS-B) were cited total 86 times; and its Science and Engineering articles (JZUS-A) were cited total 50 times; The cited ratio of the two large subjects is nearly 1.72 (Table 1).

4. In the total SCI cited 136 times, JZUS authors themselves cited JZUS articles 48 times (35%); other author(s) from all over the world cited JZUS articles 88 times (65%).



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SCIENCE A

<http://www.zju.edu.cn/jzus>

JZUS-A focuses on "Applied Physics & Engineering"

➤ **Welcome Your Contributions to JZUS-A**

Journal of Zhejiang University SCIENCE A warmly and sincerely welcomes scientists all over the world to contribute to JZUS-A in the form of Review, Article and Science Letters focused on **Applied Physics & Engineering areas**. Especially, Science Letters (3-4 pages) would be published as soon as about 30 days (Note: detailed research articles can still be published in the professional journals in the future after Science Letters is published by JZUS-A).