

# 245 ACERC Library Index

*Last Updated April 21, 2008*

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Type	Title	Available Issues
<b>Magazines, Multiple Issues</b>	Alchemy	Nov/Dec 2001 & February 2002
	American Laboratory	August 2003-March 2008
	American Laboratory News Edition	August 2003-March 2009
	Bent, The	Spring-Summer 2007
	Bio Cycle	December 2001-May 2002
	Biomass Magazine	July-November 2007, April 2008
	BioScience Technology (formerly Biomedical Products)	Nov 2001-May 2002, July 2002-Oct 2003
	CEE	Winter 2002 & Spring 2002
	CEP (Chemical Engineering Progress)	April 2003-November 2006, March 2007-April 2008
	Chem & Bio News	Vol. 14 No. 4, Vol. 16 No. 3
	Chemical Processing	April 2003-June 2004
	Computer World	June 2004-Dec 2005, January-March 2007
	Concrete Producer	April-May 2005, August 2006
	Control	January 2002-April 2003
	Digi-Key Corporation Catalog	March 2007-April 2008
	Digital Output	select issues from 2004-2008
	Electronic Design	11/19/01-05/12/03 (biweekly)
	Energy-Tech	Apr, June, Aug, Oct, Dec 2007, March-Apr 2008
	EE (Evaluation Engineering)	August 2001-December 2002
	Fluent News	Spring 2003-Spring 2006
	Industrial Water World	July/August 2002-July/August 2004
	Innovation (formerly TechComm)	Oct/Nov 2005-Dec 2006/Jan 2007, April 2007-March 2008
	Instrumentation	2002 Q4, 2003 Qs 1 & 3, 2004 Q1
	Journal of Biology	2003-2005 (quarterly)
Lab Manager Magazine	January 2007-January 2008	
Laser Focus World	September 2002-April 2004	
Mechanical Engineering	May 2003-April 2008	
NEC Digest	Feb/March 2002-Aug/Sept 2002	
NewsWire	Feb & April 2005	
Optoelectronics	Summer & Fall 2003	
Paper Industry	Oct 2004, Feb 2005, December 2006, Oct/Nov 2007	
Paper 360°	Aug-Oct, Dec 2006, Jan-April 2007	

	Pasco Engineering	Fall 2007-Spring 2008
	Photonics Spectra	August 2003- April 2008
	Plant Services	August 2002-October 2003
	Power	July 2002-December 2003
	Power & Energy	March & Oct 2004, Feb & June 2005
	Prism	Summer 2006-March 2008
	Provantage	May/June 2003-Mar/Apr 2005
	R&D	July 2001-October 2003
	Scientific Computing	October 2001, Jan-March 2002
	Scientist, The	May 2003-April 2008
	Sensors	July 2001-April 2003
	SHPE	Fall 1999-Oct/Nov 2000
	Small Biz	Fall 2004-Dec 2007/Jan 2008
	Solutions	September 2001-May 2003, May 2004-July 2006
	Spectroscopy	May 2002-October 2003
	Spectroscopy Showcase	March 2002, March 2003
	Standardization	May 2003-Sept 2006, Nov 2006-April 2008
	Tech Briefs	April 2003-May 2004
	Technology Horizons	June 2001-April 2004 (quarterly)
<b>Magazines (Single Copies)</b>	American Genomic/Proteomic Technology	July/August 2001
	Biomass & BioEnergy	2004
	C&H Sampler Edition	May-August 2006
	Cenco Physics Catalogue	2007
	CFX Update	Summer 2003
	Chemical Engineering	Catalog
	Clean Coal Technology	January 2008.
	CPSA Journal	Winter 2003
	Critical Environmental Solutions	Sampler from 2007 Catalog
	Engineering: Go For It!	2007
	Hotlinks	Spring 2003
	Hydraulics and Pneumatics	Catalog
	Innozone	December 2006.
	Journal of Engineering Education	January 2005.
	K-Loc	College Issue 2006
	Macworld	May 2008.
	MAES Nation Magazine	Spring 2000

	MaterialsToday	November 2004.
	ML Market Lab	Spring 2008
	PC Magazine	Feb. 17, 2004
	Plasticware Plus	Spring 2007
	Pressure Regulators (2 copies)	none
	Tappi	2007 Catalogue
	Technica	Summer 1999
	Technical University of Denmark	Annual Report 2006
	Toyota Technical Review	2004, 2007
	Utah Engineers Council Journal	February 2004.
	Wood for Energy Production--Technology, Environment, Economy	1999
<b>Dissertations</b>	Aeorsol Dynamics of Agglomerates	1991
	Alkali Metal Partitioning in a Pulverized Coal Combustion Environment	1992
	Chlorine-Compounds in Emissions and Residues from the Combustion of Herbaceous Biomass	1997
	Devolitization of Pulverized Coal at High Temperatures	1976
	Investigation of Coal Ash Deposition Under Staged Combustion in a Pilot-Scale Facility	1999
	Modes of Occurrence of Trace Elements in Coal	1980
	Oxidation of Individually Levitated Char Particles	1991
	Particle Dispersion in Turblent Free Shear Flows	1989
	Partitioning of Iron During Combustion of Pulverized Coal	1993
	Relationship Between Particle Deposition Mechanism, Deposit Microstructure and Effective Transport Properties	1991
	Some Measurements of Particle Velocity Autocorrelation Functions in a Turbulent Flow	1969
	The Ash Fusibility Characteristics of Thermal Coals	1998
	The Radiative Properties of Ash Deposits in Pulverized Fuel Fired Furnaces	
	Treatment and Additives to Control Deposition of Ash Resulting from Combustion of Victorian Brown Coals	1995
<b>Theses</b>	Coherent Anti-Stokes Raman Spectroscopy (CARS) Measurements in a Laminar Flame Coal Combustor	

	Combustion Studies of a Swirled, Non-Premixed Flame Using Advanced Diagnostics	
	Dynamic Carryover Deposition in an Entrained Flow Reactor	2000
	Engineering Models for Low-Nox Burners	
	Experimental and Theoretical Investigations of Wet Flue Gas Desulphurisation	
	Formation of Inorganic Submicron Particles Under Simulated Pulverized Coal Combustion Condition	1977
	Influence of Mixing in high Temperature Gas Phase Reactions	1996
	Influence of Process Parameters on Coal Combustion Performance	
	Investigation of Pyrates as a Contributor to Slagging in Eastern Bituminous Coals	
	Journal of Engineering Education	2005
	Measurement and Prediction of the Viscosity of Slag from Coal Ash Melting and Sintering of Ashes	
	Nitrogen Chemistry in Fluidized Bed Combustion of Coal	1996
	Single Fuel Particle and Nox/N <sub>2</sub> -Emission Characteristics Under (Circulating) Fluidized Bed Combustor Conditions	September 1995.
	The Formation of Submicron Particles from the Combustion of Straw	1995
	The Study of Flame Stability Near Lean Blow Out in Non-Premixed Non-Swirl and Swirl Burners and the Design of a Research Combustor Facility	
	Toyota Technical Review	2004 Vol. 53
	Trace Elements from Coal Combustion	1995
<b>Reports, Journals</b>	ACERC Annual Reports	
	Aerosols from Biomass Combustion	2001
	Applied Catalysis, Vol. 1-3	1992
	ASME Directory of Personnel	2001-2002
	Biomass Combustion	2003
	Biomass Gasification: Combustion of Gas Mixtures	2002
	Black Coal Utilization - CRC Annual Report	1997/1998
	Cancer Research	15 July 2006.
	Catalog Handbook of Fine Chemicals	

	Characterization of Particle Emissions from Small-Scale Biomass Combustion - Chalmers University	2002
	Clean Air (International Journal on Environmental Combustion Technologies)	2000
	Co-firing: An Overview	
	Co-firing: An Overview	
	Combustion and Flame	through February 2008
	Combustion and Gasification Research Program	Vol. 1
	Combustion and Gasification Research Program	Vol. 2
	Combustion and Gasification Research Program Final Report	1993-1998
	Combustion Modeling in Advanced Gas Turbine Systems (Final Report)	
	Combustion Science & Technology	
	Droplet size and shape in black liquor sprays with high solids content	2002
	Energy and Fuels	Multiple Volumes
	EPRI Biomass Interest Group Annual Report	2001
	EPRI Journals	
	Experimental investigation of small-scale gasification of woody biomass	2002
	Experimental studies on pul and paper mill sludge ash behavior in fluidized bed combustors	1998
	First International Conference on Combustion Technologies for a Clean Environment	Vol. 2
	Fly ash particle formation in kraft recovery boilers	2000
	Fuel Journals	
	Gasification Technologies - An Industry Perspective	July 2002 (DOE Report)
	Helsinki University of Technology Annual Report	2001
	High temperatures filtration in biomass combustion and gasification processes	2002
	IEA Bioenergy Annual Report	200 & 2002
	IEA Coal Abstracts	
	IEA Coal Research	
	IEA Task 32 Meeting Minutes	February 2003.
	Progress in Energy and Combustion Science	
	Publications of L. Douglas Smoot	Vol. 1
	Publications of L. Douglas Smoot	Vol. 2

	Publications of L. Douglas Smoot	Vol. 3
	Publications of L. Douglas Smoot	Vol. 4
	Publications of L. Douglas Smoot	Vol. 5
	Publications of L. Douglas Smoot	Vol. 6
	Pulp & Paper Annual Report	July 2002.
	Pulp & Paper Research Consortium	November 2002.
	Pyrometric Thermometry and Sizing of Fuel Particles in Combustion	1998
	R. Stahl - Specification Remote I/O System	2003
	Recovery of Kraft Black Liquor with Direct Causticization using Titanates	2002
	Sandia Annual Report	1985
	Sandia Annual Report	1986
	Sandia Annual Report	1987
	Sandia Annual Report	1988
	Understanding Slagging and Fouling During PF Combustion	
	Upgraded Coal Interest Group (UCIG) Meeting	January 2003.
	Upgraded Coal Interest Group (UCIG) Meeting	October 2002.
<b>Conference Proceedings</b>	10th Annual Pittsburgh Coal Conference	Vol. 1 and 2
	10th International Symposium on Combustion	
	11th Annual Pittsburgh Coal Conference	
	11th International Symposium on Combustion	
	12th Annual Pittsburgh Coal Conference	
	12th International Symposium on Combustion	
	13th Annual Pittsburgh Coal Conference	
	13th International Symposium on Combustion	
	14th International Symposium on Combustion	
	15th International Symposium on Combustion	
	16th International Symposium on Combustion	
	17th International Symposium on Combustion	
	19th International Symposium on Combustion	
	1st and 2nd Symposia on Combustion	
	2004 International Chemical Recovery Conference Vol. 1	June 6-10, 2004
	2005 International Chemical Recovery Conference Vol. 2	June 6-10, 2005
	20th International Symposium on Combustion	
	21st International Symposium on Combustion	
	222nd ACS National Meeting	August 2001.

	22nd International Symposium on Combustion	
	23rd International Symposium on Combustion	
	24th International Symposium on Combustion	
	26th International Symposium on Combustion	Vol. 1
	27th International Symposium on Combustion	Vol. 1 and 2
	6th International Symposium on Combustion	
	7th Annual Pittsburgh Coal Conference	
	7th International Symposium on Combustion	
	8th Annual Pittsburgh Coal Conference	
	8th International Symposium on Combustion	
	9th Annual Pittsburgh Coal Conference	
	9th International Symposium on Combustion	
	EPRI Biomass Interest Group	March 2002.
	EPRI Biomass Interest Group	August 2002.
	EPRI Biomass Interest Group	November 2002.
	International Chemical Recovery Conference	1995
	International Chemical Recovery Conference	2001 Oral Presentations
	International Chemical Recovery Conference	2001 Poster Presentations
	International Chemical Recovery Conference	2004 Vol. 1
	International Chemical Recovery Conference	2004 Vol. 2
	National Conference on Renewable Energy Technologies	Dec. 7-11, 1980
	Ninth Annual International Pittsburgh Coal Conference Proceedings	1992
	Preprints Symposia Vol. 39 No. 1 - Vol. 46 No. 2	March 1994-April 2001
<b>CDs</b>	Clean Coal Technology--program and projects	December 2003.
	Colloquium on Black Liquor Combustion and Gasification-- Presentations and Handouts	May 2003.
	Fourth Annual Solid State Energy Conversion Alliance (SECA), Seattle, WA	April 15-16, 2003
	Fuel Cell Handbook, 6th Edition	
	Hybrid Fuel Cell Technology Overview	
<b>Books</b>	Title	Volume/Edition
	2nd International Symposium on Combustion	Beijing, 1991
	3rd International Symposium on Combustion	
	Advanced Combustion Methods	
	Advances in Coal Spectroscopy	

	Analytical Methods for Coal and Coal Products	Vol. 1 (two copies)
	Analytical Methods for Coal and Coal Products	Vol. 2
	Ancillary Techniques of Gas Chromatography	
	APAS Clean Coal Technology Vol I: Co-Utilization of Coal, Biomass, and Waste	
	APAS Clean Coal Technology Vol II: Co-Combustion of Biomass/Sewage Sludge and Coals	
	APAS Clean Coal Technology Vol III: Co-Gasification of Coal/Biomass and Coal/Waste Mixtures	
	Ash Deposits and Corrosion due to Impurities in Combustion Gases	
	Coal Combustion	
	Coal Desulphurization	
	Coal Gasification	
	Coal Science and Technology 1: Geochemistry of Coal	
	Coal Science and Technology 10: Coal Science and Chemistry	
	Coal Science and Technology 2: Fundamentals of Coal Benefication and Utilization	
	Coal Science and Technology 20: Fundamentals of Coal Combustion	
	Coal Science and Technology 3: Coal	
	Coal Science and Technology 5: Free Radicals in Coals and Synthetic Fuels	
	Coal Science and Technology 6: Coal Combustion Chemistry- Correlation Aspects	
	Coal Science and Technology 7: The Chemistry of Coal	(two copies)
	Coal Science and Technology 8: Natural Gas Substitutes from Coal and Oil	
	Coal Science and Technology 9: Processing and Utilization of High Sulfer Coals	
	Coal: The Energy Source of the Past and Future	
	Combustion	2nd Edition
	Combustion and Modeling, Scaling and Air Toxins	
	Combustion Handbook	Vol. 1, 3rd Edition
	Combustion, Flames and Explosions of Gases	3rd Edition
	Computational Fluid Dynamics	
	Dowex: ION Exchange	
	Engineering Applications of Lasers and Holographs	

	EPRI: Coal Quality Information Book Vol. 1: Appalachia	
	EPRI: Coal Quality Information Book Vol. 2: Gulf, Interior, and Western	
	EPRI: The Effects of Coal Quality on Power Plants	August 1992.
	Evaluation of Concrete Containing Fly Ash with High Carbon Content and/or Small Amounts of Wood	
	Flame Structure and Processes	
	Fluent/UNS: Tutorial	
	Fluent/UNS: User's Guide	
	Fluent: Tutorial	
	Fluent: User's Guide	
	Fossil Fuel Combustion	
	Fundamentals of Coal Combustion	
	Fundamentals of Gas Dynamics	
	GMS (Groundwater Modeling System): Reference Manual	
	GMS (Groundwater Modeling System): Tutorial Guide	Vol. 1
	GMS (Groundwater Modeling System): Tutorial Guide	Vol. 2
	Introduction to Modern Optics	2nd Edition
	Introduction to Nonlinear Laser Spectroscopy	
	Introduction to Optics and Lasers in Engineering	
	LIEKKI Combustion Technology	Vol 1 and 2, and final report (2 copies)
	Miami International Conference on Alternative Energy Sources	Florida, 1977
	Papermaking Science and Technology	Chemical Pulping
	Papermaking Science and Technology	Economics of the Pulp and Paper Industry
	Papermaking Science and Technology	Environmental Control
	Papermaking Science and Technology	Forest Products Chemistry
	Papermaking Science and Technology	Forest Resources and Sustainable Management
	Papermaking Science and Technology	Materials, Corrosion Prevention and Maintenance
	Papermaking Science and Technology	Mechanical Pulping
	Papermaking Science and Technology	Paper and Board Grades
	Papermaking Science and Technology	Paper and Paperboard Converting
	Papermaking Science and Technology	Paper Physics
	Papermaking Science and Technology	Papermaking Chemistry
	Papermaking Science and Technology	Papermaking Part 1, Stock Preparation and Wet End
	Papermaking Science and Technology	Papermaking Part 2, Drying
	Papermaking Science and Technology	Papermaking Part 3, Finishing
	Papermaking Science and Technology	Pigment Coating and Surface Sizing of Paper

	Papermaking Science and Technology	Printing
	Papermaking Science and Technology	Pulp and Paper Testing
	Papermaking Science and Technology	Recycled Fiber and Deinking
	Particel Size Distribution	
	Petroleum Products Handbook	
	Potassium behaviour during combustion of wood in circulating fluidized bed power plants	
	preBFC User's Guide	
	Principles of Combustion	
	Principles of Combustion Engineering for Boilers	
	Pulverized-Coal Combustion and Gasification	
	Simulation of Biomass and Coal - Plant Comparisons and Experimental Investigation of Deposit Formation	Vol. 1: Report
	Simulation of Biomass and Coal - Plant Comparisons and Experimental Investigation of Deposit Formation	Vol. 2: Publications
	Steam: its generation and use	
	Steam: its generation and use	40th Edition
	Sulfur Removal and Recover	
	Swirl Flows	
	Termotehnika	2001
	TGrid: User's Guide	
	The Dynamical Theory of Gases	
	The National Energy Plan - Jimmy Carter, 1977	
	Theory and Numerical Modeling of Turbulent Gas-Particle Flows and Combustion	
	Turbulent Reacting Flows	
	Turbulent Reacting Flows	Vol. 44
	Wood for Energy Production	1999