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Rank	Hit Count	Citations (Google Scholar)	Degree	Discipline	Publication Date	Author	Title	URL (Click the links below to view the ETDs)
1	2,134	2	Ph.D.	Engineering	2003	Gu, Quanzhong	Geological mapping of entry roof in mine	http://hdl.handle.net/10450/2936
2	1,675	1	M.S.C.E.	Civil Engineering	2007	Dasarath Rao, Manjunath Rao Pawar	Review of nondestructive evaluation techniques for FRP composite structural components	http://hdl.handle.net/10450/5065
3	1,616	0	M.S.C.E.	Civil Engineering	2010	Offutt, Sarah M.	Star City, WV PMS	http://hdl.handle.net/10450/11357
4	1,552	9	Ph.D.	History	2005	Burns, Shirley Stewart	Bringing Down the Mountains: the Impact of Mountaintop Removal Surface Coal Mining on Southern West Virginia Communities, 1970-2004	http://hdl.handle.net/10450/4047
5	1,323	3	Ed.D.	Education	2003	Haynes, Stephanie E.	Effect of background music on the mathematics test anxiety of college algebra students	http://hdl.handle.net/10450/3069
6	1,311	3	M.S.	Athletic Training	2005	Samson, Kimberly M.	Effects of a five-week core stabilization-training program on dynamic balance in tennis athletes	http://hdl.handle.net/10450/3821
7	1,183	1	Ed.D.	Physical Education	2000	Newcomer, R. Renee	Cognitive-affective, behavioral, and physiological response to injury among competitive athletes	http://hdl.handle.net/10450/1513
8	1,066	8	Ed.D.	Education	2001	Jogthong, Chalerm Sri	Research Article Introductions in Thai: Genre Analysis of Academic Writing	http://hdl.handle.net/10450/2156
9	1,036	0	M.S.	Athletic Training	2007	Siegel, Lori L.	Hamstring Rehabilitation: A Systematic Review	http://hdl.handle.net/10450/5158
10	1,032	0	M.S.C.S.	Computer Science	2002	Pacurari, Doru I.	The use of Oracle Spatial and ArcSDE for geodatabase access	http://hdl.handle.net/10450/2512
11	996	1	Ph.D.	History	2007	Boback, John M.	Indian Warfare, Household Competency, and the Settlement of the Western Virginia Frontier, 1749 to 1794	http://hdl.handle.net/10450/5155
12	976	0	M.S.Ch.E.	Chemical Engineering	2007	Bambal, Ashish S.	Mechanical evaluation and FE modeling of composite sandwich panels	http://hdl.handle.net/10450/5379
13	975	0	M.A.	Communication Studies	2004	Brewster, Daniel W.	Stereotypical Perceptions of the Communication Behaviors of Gay Males	http://hdl.handle.net/10450/3586
14	888	3	M.A.	Communication Studies	2001	Corrigan, Michael W.	Social exchange theory, interpersonal communication motives, and volunteerism: identifying motivation to volunteer and the rewards and costs associated	http://hdl.handle.net/10450/2022
15	845	0	Ph.D.	Engineering	2007	McIntyre, Dustin L.	A Laser Spark Plug Ignition System for a Stationary Lean-Burn Natural Gas Reciprocating Engine	http://hdl.handle.net/10450/5095
16	840	1	Ed.D.	Education	2003	Attfield, Hilary M.	The Future of Electronic Editing: Theory and Practice	http://hdl.handle.net/10450/2851
17	839	0	M.S.I.E.	Industrial Engineering	2007	Muenprasertdee, Piyapong	Solidification Modeling of Iron Castings Using SOLIDCast	http://hdl.handle.net/10450/5084
18	830	20	M.S.	Wildlife & Fisheries Resources	2001	Langdon, Christopher A.	A Comparison of White-Tailed Deer Population Estimation Methods in West Virginia	http://hdl.handle.net/10450/2223
19	820	0	M.S.E.E.	Electrical Engineering	2005	Sankarayogi, Raghu	Software Tools for Real-Time Simulation and Control	http://hdl.handle.net/10450/4397
20	812	0	M.A.	History	2008	Jacks, Kim	Weston State Hospital	http://hdl.handle.net/10450/5651
21	810	0	D.M.A.	Music	2010	Roberts, Shawn M.	Aztec Musical Styles in Carlos Chávez's Xochipilli: An Imagined Aztec Music and Lou Harrison's The Song of Quetzalcóatl: A Parallel and Comparative Study	http://hdl.handle.net/10450/11177
22	808	26	D.S.N.	Nursing	2003	Nathaniel, Alvita K.	A Grounded Theory of Moral Reckoning in Nursing	http://hdl.handle.net/10450/3143
23	785	53	M.A.	Geography	1998	Ferro, Christopher John S.	Scale and Texture in Digital Image Classification	http://hdl.handle.net/10450/172
24	719	20	Ph.D.	Engineering	1999	Cawthorne, William R.	Optimization of a Brushless Permanent Magnet Linear Alternator for Use With a Linear Internal Combustion Engine	http://hdl.handle.net/10450/800
25	714	2	M.A.	Geography	2002	Anderson, James	A Comparison of Four Change Detection Techniques for Two Urban Areas in the United States	http://hdl.handle.net/10450/2371
26	682	9	Ph.D.	Engineering	2004	Tóth-Nagy, Csaba	Linear Engine Development for Series Hybrid Electric Vehicles	http://hdl.handle.net/10450/3648
27	681	2	Ph.D.	Engineering	2000	Abdelal, Gasser F.	Three-phase constitutive model for macrobrittle fatigue damage of composites	http://hdl.handle.net/10450/1485
28	680	0	Ph.D.	Geology	2002	Martin, Robert Lewis	Taxonomic Revision and Paleogeology of Middle Devonian (Eifelian) Fishes of the Onondaga, Columbus and Delaware Limestones of the eastern United States	http://hdl.handle.net/10450/2728
29	660	0	M.S.	Athletic Training	2008	Offenberger, Cassandra D.	VMO Exercises: A Systematic Review	http://hdl.handle.net/10450/5714
30	652	1	Ed.D.	Physical Education	2004	Gurvitch, Rachel	The Development and Validation of a Computer Mediated Simulation (CMS) Training Application Designed to Enhance Task Modification Decisions among Preservice Physical Education Teachers	http://hdl.handle.net/10450/3524
31	633	1	M.S.E.E.	Electrical Engineering	2000	Hasanovic, Azra	Modeling and Control of the Unified Power Flow Controller (UPFC)	http://hdl.handle.net/10450/1633

32	626	0	M.A.	Art	1998	Cheesebrough, Sonda	Documentation: Conversations: Picasso and His Paintings Graduate Project Integrating the Disciplines of Art and Theatre In The Elementary Art Classroom	http://hdl.handle.net/10450/357
33	600	3	M.S.	Agricultural Education	2000	Duncan, Rebecca D.	Youth leadership life skills development of participants in the West Virginia 4-H camping program	http://hdl.handle.net/10450/1370
34	598	0	Ed.D.	Education	2000	Fox, Jan Isobel	Review of the Factors Influencing the Satisfaction of Learning in Online Courses at Marshall University	http://hdl.handle.net/10450/1345
35	583	0	M.S.I.E.	Industrial Engineering	2006	Kosalka, Tomasz M.	Decision Making Through the Simulation of Centralized and Decentralized Distribution Storage Systems	http://hdl.handle.net/10450/4527
36	577	1	Ph.D.	Engineering	2004	Gu, Yu	Design and flight testing actuator failure accommodation controllers on WVU YF-22 research UAVS	http://hdl.handle.net/10450/3702
37	568	1	M.S.	Geology	2004	Rolon, Luisa F.	Structural Geometry of the Jura-Cretaceous Rift of the Middle Magdalena Valley Basin, Colombia	http://hdl.handle.net/10450/23
38	558	1	M.S.	Dental Specialties	2003	Roos, Bryan K.	Comparison of soft tissue prediction tracings using the Andrews and Ricketts diagnostic techniques	http://hdl.handle.net/10450/2819
39	549	1	Ph.D.	History	2001	Bailey, Rebecca J.	Matewan Before The Massacre: Politics, Coal, and the Roots of Conflict in Mingo County, 1793-1920	http://hdl.handle.net/10450/2043
40	545	2	M.S.	Wildlife & Fisheries Resources	2001	Kaller, Michael D.	Effects of sediment upon benthic macroinvertebrates in forested northern Appalachian streams	http://hdl.handle.net/10450/1862
41	541	4	Ed.D.	Education	2001	Pongsiriwet, Charuporn	Relationships among grammatical accuracy, discourse features, and the quality of second language writing: the case of Thai EFL learners	http://hdl.handle.net/10450/2024
42	533	1	M.S.E.E.	Electrical Engineering	2007	Parnandi, Silpa	Power Market Analysis Tool for Congestion Management	http://hdl.handle.net/10450/5187
43	531	6	M.S.	Wildlife & Fisheries Resources	2005	Utz, Ryan Michael	Temporal trends in consumption, growth, and successful feeding traits of a central Appalachian brook trout population at the watershed scale	http://hdl.handle.net/10450/4327
44	529	0	M.F.A.	Visual Art	2008	Barkhurst, Kelly C.	Design Taking Action: A holistic approach to design problem solving applied to disease education	http://hdl.handle.net/10450/6003
45	527	1	M.S.	Wildlife & Fisheries Resources	2005	Osier, Elizabeth A.	Distribution and Habitat Use of the Crystal Darter (<i>Crystallaria asprella</i>) and Spotted Darter (<i>Etheostoma maculatum</i>)	http://hdl.handle.net/10450/3921
46	525	1	M.A.	Geography	2002	Zhang, Jian	A comparison of digital photogrammetric and LIDAR high resolution digital elevation models	http://hdl.handle.net/10450/2422
47	525	1	Ph.D.	Forest Resources Science	2003	Williams, Jennifer Mravintz	Impacts on Terrestrial and Streamside Herpetofauna by Mountaintop Removal Mining in Southern West Virginia	http://hdl.handle.net/10450/3231
48	523	8	Ph.D.	Engineering	1998	An, Younghwan	Design of fault tolerant flight control systems for sensor and actuator failures using on-line learning neural networks	http://hdl.handle.net/10450/278
49	521	8	Ph.D.	Engineering	2000	Salem, Mohamed I.	Rollover Stability of Partially Filled Heavy-Duty Elliptical Tankers Using Trammel Pendulums to Simulate Fluid Sloshing	http://hdl.handle.net/10450/1239
50	521	1	Ph.D.	Counseling Psychology	2002	Ehlert, Debra K.	A Comparison of Psychologists Who Engage in Nonsexual and Sexual Dual Relationships with Psychologists Who Do Not	http://hdl.handle.net/10450/2484
51	519	1	M.A.	Educational Psychology	2003	Fiore, Angela M.	Gender Difference in Test Anxiety	http://hdl.handle.net/10450/2949
52	514	0	Ph.D.	Physics	2007	Steele, Aaron J.	Collective Behavior in Chemical Systems	http://hdl.handle.net/10450/5386
53	512	0	M.S.M.E.	Mechanical Engineering	2007	Fasouletos, Michael A.	Parametric Design of a Coal Mine Refuge Chamber	http://hdl.handle.net/10450/5305
54	500	0	Ed.D.	Education	2003	Kennison, Monica Metrick	The Evaluation of Critical Thinking, Reflective Writing, and Cognitive Word Use in Baccalaureate Nursing Students	http://hdl.handle.net/10450/2964
55	499	0	M.S.M.E.	Mechanical Engineering	2005	Kavipurapu, Praveen Kumar	Forced Vibration and Hygrothermal Analysis of Composite Laminated Beams under the Action of Moving Loads	http://hdl.handle.net/10450/3990
56	488	2	M.S.C.S.	Computer Science	2006	Speicher, Denis	Vulnerability Analysis of Biometric Systems Using Attack Trees	http://hdl.handle.net/10450/4550
57	486	1	M.S.E.E.	Electrical Engineering	2001	Hasanovic, Amer	A Simulation and Analysis Toolbox for Power Systems and Genetic Algorithm Based Damping Controller Design	http://hdl.handle.net/10450/2173
58	474	5	Ed.D.	Education	2002	Ridpath, Bradley David	NCAA Division I Student Athlete Characteristics as Indicators of Academic Achievement and Graduation from College	http://hdl.handle.net/10450/2372
59	473	1	M.A.	Sociology	2010	Rine, Jason R.	The Once and Future Steel Town: The Narrative Identities of a Local Community	http://hdl.handle.net/10450/10994
60	470	0	M.S.E.E.	Electrical Engineering	2005	Rosiek, Travis W.	Fingerprint Testing Protocols for Optical Sensors	http://hdl.handle.net/10450/3980
61	468	0	Ph.D.	Kinesiology	2008	Harris, Brannon S.	Developmental Considerations in Athlete Burnout: An Exploratory Cross-Sectional Investigation in Youth Sport Participants	http://hdl.handle.net/10450/5789

62	468	4	M.S.C.E.	Civil Engineering	1998	Brown, Brian J.	Design Analysis of Single-Span Advanced Composite Deck-and-Stringer Bridge Systems	http://hdl.handle.net/10450/213
63	467	0	M.S.C.S.	Computer Science	2005	Horne, Adam D.	Computer assisted learning of Japanese kanji	http://hdl.handle.net/10450/3917
64	465	6	Ed.D.	Education	2002	Blatt, Dennis A.	A Study to Determine the Relationship Between the Leadership Styles of Career Technical Directors and School Climate as Perceived by Teachers	http://hdl.handle.net/10450/2664
65	464	1	Ed.D.	Education	2004	Hefner, Kammi K.	Assessing the Factors Affecting West Virginia PreK-12 Teachers' Use and Non-Use of Lesson Plans Published on the Internet	http://hdl.handle.net/10450/3474
66	462	2	M.S.	Geology	1999	Rasco, Heath P.	Multiple Data Set Integration and GIS Techniques Used to Investigate Linear Structural Controls in the Southern Powder River Basin, Wyoming	http://hdl.handle.net/10450/1088
67	456	11	M.S.	Statistics	2000	Dobony, Christopher A.	Factors Influencing Ruffed Grouse Productivity and Chick Survival in West Virginia	http://hdl.handle.net/10450/1337
68	450	0	Ph.D.	Engineering	2002	Mao, Jian	Gamma Prime Precipitation Modeling and Strength Response in Powder Metallurgy Superalloys	http://hdl.handle.net/10450/2531
69	449	2	M.S.M.E.	Mechanical Engineering	2002	Rangarajan, Shalini	Long-Term Creep Of Encased Polymer Liners	http://hdl.handle.net/10450/2582
70	446	1	M.S.	Wildlife & Fisheries Resources	2005	Hansbarger, Jeff L.	Trout Movement and Habitat Use in the Upper Shavers Fork of the Cheat River, West Virginia	http://hdl.handle.net/10450/4070
71	446	3	M.S.	Wildlife & Fisheries Resources	2002	Johnson, Joshua B.	Spatial and predictive foraging models for gray bats in northwest Georgia and a comparison of two acoustical bat survey techniques	http://hdl.handle.net/10450/2426
72	446	2	Ed.D.	Education	2003	Allen, Leonard J.	The Relationship Between the Emotional Intelligence Competencies of Principals in the Kanawha County School System in West Virginia and Their Teachers	http://hdl.handle.net/10450/3177
73	443	1	M.S.	Geology	2001	Murphy, Sheldon J.	Influence of the West Virginia Dome on paleocurrent patterns in the Upper Devonian-Lower Mississippian Price Formation in the central Appalachians	http://hdl.handle.net/10450/2241
74	440	4	Ed.D.	Education	2002	Hodge, James E.	Effect of math anxiety, math self-efficacy, and computer-assisted instruction on the ability of undergraduate nursing students to calculate drug dosages	http://hdl.handle.net/10450/2527
75	440	2	Ph.D.	Counseling Psychology	2002	Melcher, Jan L.	The Mother-Daughter Relationship: Attachment and Disordered Eating in Female Adolescents and Their Mothers	http://hdl.handle.net/10450/2688
76	436	1	Ed.D.	Education	2001	Peterson, Christine A.	The Impacts of Technology on Interactivity in a Distance Learning Course	http://hdl.handle.net/10450/2133
77	435	0	Ph.D.	Counseling Psychology	2003	Dudley, Kenneth C.	Empirical Development of a Scale of Patience	http://hdl.handle.net/10450/2940
78	433	0	Ph.D.	Computer Science	2005	Kirkpatrick, Michael G.	The Efficient Dissemination of Information in Highly Mobile Ad Hoc Networks	http://hdl.handle.net/10450/3964
79	431	1	Ph.D.	Engineering	1999	Yacoub, Yasser M.	Mean Value Modeling and Control of a Diesel Engine using Neural Networks	http://hdl.handle.net/10450/473
80	429	1	M.S.	Wildlife & Fisheries Resources	2005	Hildebrand, Heather	Size, age composition, and upstream migration of American eels at the Millville Dam eel ladder, Shenandoah River, West Virginia	http://hdl.handle.net/10450/4377
81	427	2	Ph.D.	Engineering	2008	Madreddy, Madhava Rao	Methods for Reconstruction of Transient Emissions from Heavy-Duty Vehicles	http://hdl.handle.net/10450/5826
82	427	3	M.S.	Rehabilitation Counseling	2000	Eliason, Robin Vaughan	The Roles of Cognitive Rigidity and Impulsivity in Adolescent Suicide Attempts	http://hdl.handle.net/10450/1294
83	427	4	Ph.D.	Engineering	1998	Caceres, Arsenio	Local damage analysis of fiber reinforced polymer matrix composites	http://hdl.handle.net/10450/328
84	426	7	M.S.	Physical Education	2005	Harris, Brandonn S.	Coach and Athlete Burnout: The Role of Coaches' Decision-Making Style	http://hdl.handle.net/10450/3970
85	425	4	M.S.	Wildlife & Fisheries Resources	2003	Logan, Marisa N.	Brook Trout (<i>Salvelinus fontinalis</i>) Movement and Habitat Use in a Headwater Stream of the Central Appalachian Mountains of West Virginia	http://hdl.handle.net/10450/3268
86	422	1	M.S.M.E.	Mechanical Engineering	2005	Suraj, Suraj	Finite-Element Modeling of a Composite Bridge Deck	http://hdl.handle.net/10450/4008
87	419	0	M.S.E.E.	Electrical Engineering	2008	Nightingale, Joshua R.	Optical Biosensors: SPARROW Biosensor and Photonic Crystal-Based Fluorescence Enhancement	http://hdl.handle.net/10450/5818
88	419	1	Ph.D.	Counseling Psychology	2001	Meit, Heather Anderson	Objective and subjective personality characteristics of medical students	http://hdl.handle.net/10450/1919
89	418	0	M.S.M.E.	Mechanical Engineering	2010	Sedigh Imani, Fatemeh	Traction-Separation Law for CFRP-Concrete Interface Fracture under Mode II Loading	http://hdl.handle.net/10450/11331
90	418	5	Ed.D.	Education	2000	Anderson, Lorraine P.	Interactive Televised Instruction: Factors That Influence Student Evaluations of Business Courses	http://hdl.handle.net/10450/1273
91	418	2	Ph.D.	Forest Resources Science	2003	Ammer, Frank K.	Population level dynamics of grasshopper sparrow populations breeding on reclaimed mountaintop mines in West Virginia	http://hdl.handle.net/10450/3242
92	415	0	M.S.	Geology	2007	Cawthern, Thomas R.	Marine Paleogeology of the Fivemile Member of the Hinton Formation, Upper Mississippian, West Virginia and Virginia	http://hdl.handle.net/10450/5298
93	415	0	M.S.	Wildlife & Fisheries Resources	2000	Castleberry, Nikole Lee	Food Habits of the Allegheny Woodrat (<i>Neotoma magister</i>)	http://hdl.handle.net/10450/1413

94	415	3	Ed.D.	Education	2001	Kittidhaworn, Patama	An Assessment of the English-Language Needs of Second-Year Thai Undergraduate Engineering Students in a Thai Public University in Thailand in Relation to the Second-Year EAP Program in Engineering	http://hdl.handle.net/10450/2020
95	414	0	Ph.D.	History	2009	Dusch, Charles D.	Great War Aviation and Commemoration: Louis Bennett, Jr., Commander of the West Virginia Flying Corps	http://hdl.handle.net/10450/10086
96	414	0	M.S.	Wildlife & Fisheries Resources	2003	Freund, Jason G.	Seasonal movement and macro-habit use of largemouth bass (<i>Micropterus salmoides</i>) in an Ohio River Navigation Pool	http://hdl.handle.net/10450/2900
97	411	0	M.S.	Wildlife & Fisheries Resources	2001	Hoffman, Elizabeth M.	Habitat Utilization and Movement Patterns of Subadult Largemouth Bass (<i>Micropterus salmoides</i>) in the Ohio River	http://hdl.handle.net/10450/2230
98	411	1	M.S.	Wildlife & Fisheries Resources	2004	Wellman, David I.	Post-flood recovery and distributions of fishes in the New River Gorge National River, West Virginia	http://hdl.handle.net/10450/3455
99	409	4	M.S.	Wildlife & Fisheries Resources	2003	Hammond, Stephen D.	Seasonal movements of yellow-phase American eels (<i>Anguilla rostrata</i>) in the Shenandoah River, West Virginia	http://hdl.handle.net/10450/3286
100	408	2	Ph.D.	Engineering	1999	Popuri, Sriram	An Experimental and Computational Investigation of Microwave Regeneration of Diesel Particulate Traps	http://hdl.handle.net/10450/987