

Exhibit B - List of 100 Representative Elsevier Works Infringed by Sci-Hub and LibGen

	DOI	Journal	Title	Registration No.
1	10.1016/j.actpsy.2015.05.014	Acta Psychologica	Proficiency and Sentence Constraint Effects on Second Language Word Learning	TX0008138204
2	10.1016/j.agwat.2015.08.001	Agricultural Water Management	Enhancement of nitrate removal in constructed wetlands utilizing a combined autotrophic and heterotrophic denitrification technology for treating hydroponic wastewater containing high nitrate and low organic carbon concentrations	TX0008149250
3	10.1016/j.apgeog.2015.03.016	Applied Geography	Using Simulated Data to Investigate the Spatial Patterns of Obesity Prevalence at the Census Tract Level in Metropolitan Detroit	TX0008128130
4	10.1016/j.apsusc.2015.05.178	Applied Surface Science	Microwave-assisted Aqueous Synthesis of Transition Metal Ions Doped ZnSe/ZnS Core/Shell Quantum Dots with Tunable White-Light Emission	TX0008161612
5	10.1016/j.bej.2015.04.006	Biochemical Engineering Journal	FREE SURFACE OXYGEN TRANSFER IN LARGE ASPECT RATIO UNBAFFLED BIO-REACTORS, WITH OR WITHOUT DRAFT-TUBE	TX0008119974
6	10.1016/j.cattod.2014.03.074	Catalysis Today	Immobilization of Pd(II) on MOFs as a Highly Active Heterogeneous Catalyst for Suzuki-Miyaura and Ullmann-Type Coupling Reactions	TX0008051074
7	10.1016/j.enbuild.2015.09.037	Energy & Buildings	Energy efficiency and thermal behaviour of attached sunspaces, in the residential architecture in Spain. Summer (II)	TX0008179448
8	10.1016/j.engappai.2013.04.008	Engineering Applications of Artificial Intelligence	Evaluation of a Set of New ORF Kernel Functions of SVM for Speech Recognition	TX0007949003
9	10.1016/j.eswa.2015.07.061	Expert Systems With Applications	An Integrated Fuzzy AHP and Fuzzy MOORA Approach to The Problem of Industrial Engineering Sector Choosing	TX0008149208
10	10.1016/j.ibiod.2015.02.019	International Biodeterioration & Biodegradation	Simultaneous biological nitrogen and phosphorus removal with a sequencing batch reactor-biofilm system	TX0008127326

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	DOI	Journal	Title	Registration No.
11	10.1016/j.ijsolstr.2015.08.002	International Journal of Solids and Structures	Variational Asymptotic Analysis for Plates of Variable Thickness	TX0008297282
12	10.1016/j.jallcom.2015.05.083	Journal of Alloys and Compounds	Structural and optical properties of alloyed quaternary CdSeTeS core and CdSeTeS/ZnS core-shell quantum dots	TX0008150225
13	10.1016/j.jbankfin.2015.01.013	Journal of Banking and Finance	OIL PRICES, US STOCK RETURN, AND THE DEPENDENCE BETWEEN THEIR QUANTILES	TX0008097541
14	10.1016/j.jcis.2007.03.070	Journal of Colloid And Interface Science	Temperature effects on the surface acidity properties of zirconium diphosphate	TX0006628143
15	10.1016/j.jcis.2008.03.041	Journal of Colloid And Interface Science	Surface Complexation Modelling of Uranium (VI) Sorbed onto Zirconium Oxophosphate versus Temperature: Thermodynamic and Structural Approaches	TX0006661631
16	10.1016/j.jfluidstructs.2013.09.018	Journal of Fluids and Structures	Effect of Multiple Engine Placement on Aeroelastic Trim and Stability of Flying Wing Aircraft	TX0007960416
17	10.1016/j.jfluidstructs.2013.09.020	Journal of Fluids and Structures	Passive Morphing of Flying Wing Aircraft - Z-Shaped Configuration	TX0007960416
18	10.1016/j.jfluidstructs.2015.06.017	Journal of Fluids and Structures	Treatment of hydroelastic impact of flexible wedges	TX0008288252
19	10.1016/j.jmbbm.2015.08.043	Journal of the Mechanical Behavior of Biomedical Materials	The Surface Grafting of Graphene Oxide with Poly(ethylene glycol) as a Reinforcement for Poly(lactic acid) Nanocomposite Scaffolds for Potential Tissue Engineering Applications	TX0008202064
20	10.1016/j.jmmm.2015.02.045	Journal of Magnetism and Magnetic Materials	Magnetic Relaxation Behavior in the Bi ₂ Sr ₂ Ca ₂ Cu ₃ -xMoxO ₁₀ + System Fabricated by Glass-Ceramic Technique	TX0008083208
21	10.1016/j.jphotobiol.2015.05.018	Journal of Photochemistry & Photobiology, B: Biology	Preparation and characterization of injectable Mitoxantrone Poly (lactic acid)/ Fullerene implants for in vivo chemo-photodynamic therapy	TX0008160383
22	10.1016/j.jpowsour.2013.09.100	Journal of Power Sources	Oxidation study of coated Crofer 22 APU steel in dry oxygen	TX0007958470

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23	10.1016/j.jvlc.2014.08.002	Journal of Visual Languages and Computing	Design, Realization and User Evaluation of the SmartVortex Visual Query System for Accessing Data Streams in Industrial Engineering Applications	TX0008022208
24	10.1016/j.matdes.2014.08.042	Materials and Design	Critical Materials from a Product Design perspective	TX0008007437
25	10.1016/j.measurement.2014.06.001	Measurement	Indirect Measure of Shale Shear Strength Parameters by Means of Rock Index Tests through an Optimized Artificial Neural Network	TX0007979838
26	10.1016/j.memsci.2013.04.034	Journal of Membrane Science	Separation of butanol from ABE mixtures by sweep gas pervaporation using a supported gelled ionic liquid membrane: analysis of transport phenomena and selectivity	TX0007793759
27	10.1016/j.nut.2013.09.007	Nutrition	Probiotic supplementation improves inflammatory status in rheumatoid arthritis patients	TX0007971966
28	10.1016/j.oceaneng.2013.11.021	Ocean Engineering	Numerical simulation of water impact of solid bodies with vertical and oblique entries	TX0007969427
29	10.1016/j.optmat.2015.05.024	Optical Materials	Optical properties of water-soluble L-cysteine-capped alloyed CdSeS quantum dot passivated with ZnSeTe and ZnSeTe/ZnS shells	TX0008097525
30	10.1016/j.pep.2007.12.005	Protein Expression and Purification	High-level expression, purification and characterization of recombinant Aspergillus oryzae alkaline protease in Pichia pastoris	TX0006679818
31	10.1016/j.poly.2013.11.038	Polyhedron	Synthesis, Structural Characterization and Application of a 2D Coordination Polymer of Mn-terephthalate as a Heterogeneous Catalyst for Olefin Oxidation	TX0007939399
32	10.1016/j.powtec.2013.04.029	Powder Technology	Physical characterization of sweet sorghum bagasse, tobacco residue, soy hull and fiber sorghum bagasse particles: density, particle size and shape distributions	TX0007783613
33	10.1016/j.powtec.2013.11.035	Powder Technology	Characterization method of average gas-solid drag for regular and irregular particle groups	TX0007946832

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34	10.1016/j.synthmet.2015.04.015	Synthetic Metals	Synthesis and photophysical properties of nanocomposites of aluminum tetrasulfonated phthalocyanine covalently linked to glutathione capped CdTe/CdS/ZnS quantum dots	TX0008175155
35	10.1016/j.tetlet.2013.04.043	Tetrahedron Letters	Multiple phosphate-linked nucleotide couplings via 5' silyl ether protection in the phosphite triester and phosphoramidite approaches	TX0007924784
36	10.1016/j.tsf.2015.07.023	Thin Solid Films	Effect of Co deposition on oxidation behavior and electrical properties of ferritic steel for solid oxide fuel cell interconnects	TX0008172249
37	10.1016/j.watres.2015.05.010	Water Research	Determination of the external mass transfer coefficient and influence of mixing intensity in moving bed biofilm reactors for wastewater treatment	TX0008128565
38	10.1016/j.ympev.2015.07.026	Molecular Phylogenetics and Evolution	ddRAD-seq phylogenetics based on nucleotide, indel, and presence-absence polymorphisms: analyses of two avian genera with contrasting histories	TX0008203790
39	10.1016/j.urolonc.2015.02.009	Urologic Oncology: Seminars and Original Investigations	Next Generation Sequencing technology in prostate cancer diagnosis, prognosis and personalized treatment	TX0008134478
40	10.1016/j.ijpharm.2014.12.057	International Journal of Pharmaceutics	Lactoferrin- and antitransferrin-modified liposomes for brain targeting of the NK3 receptor agonist senktide: preparation and in vivo evaluation.	TX0008035192
41	10.1016/j.cellsig.2015.10.015	Cellular Signalling	Gene expression profiling reveals the role of RIG1 like receptor signaling in p53 dependent apoptosis induced by PUVA in keratinocytes	TX0008160408
42	10.1016/j.clgc.2013.07.004	Clinical Genitourinary Cancer	Considerations for the design of future clinical trials in metastatic renal cell carcinoma	TX0008102812

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	DOI	Journal	Title	Registration No.
43	10.1016/j.fincl.2015.07.001	Finite Elements in Analysis & Design	Method for the explicit insertion of microstructure in Cellular Automata Finite Element (CAFE) models based on an irregular tetrahedral Finite Element mesh: Application in a multi-scale Finite Element Microstructure MESHfree framework (FEMME).	TX0008179438
44	10.1016/j.ibusrev.2014.11.006	International Business Review	How do marketing, research and development capabilities, and degree of internationalization synergistically affect the innovation performance of small and medium-sized enterprises (SMEs)? A panel data study of Chinese SMEs	TX0008128432
45	10.1016/j.cca.2013.09.017	Clinica Chimica Acta	Molecular characterization of 7 new alpha-1 anti-trypsin (A1AT) variants including two with an associated deficient phenotype	TX0007948394
46	10.1016/j.adiac.2013.03.007	Advances in Accounting	AIA submission: CEO overconfidence and the incidence of financial restatement	TX0007929923
47	10.1016/j.ab.2015.09.020	Analytical Biochemistry	Specific determination of influenza H7N2 virus based on biotinylated single-domain antibody from a phage-displayed library	TX0008280730
48	10.1016/j.acha.2014.06.006	Applied and Computational Harmonic Analysis	Representation of functions on big data: Graphs and trees	TX0008120874
49	10.1016/j.ins.2015.03.027	Information Sciences	Re-Stream: Real-time and energy-efficient resource scheduling in big data stream computing environments	TX0008117867
50	10.1016/j.ins.2015.02.033	Information Sciences	Universal designated verifier transitive signatures for graph-based big data	TX0008117869
51	10.1016/j.ijpe.2014.12.034	International Journal of Production Economics	Harvesting big data to enhance supply chain innovation capabilities: An analytic infrastructure based on deduction graph	TX0008099658
52	10.1016/j.scriptamat.2015.10.011	Scripta Materialia	In situ transmission electron microscopy mechanical deformation and fracture of a silver nanowire	TX0008257187
53	10.1016/j.epsl.2015.04.002	Earth and Planetary Science Letters	Recording the transition from flare-up to steady-state arc magmatism at the Purico-Chascon volcanic complex, northern Chile	TX0008074719

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54	10.1016/j.jvb.2015.03.003	Journal of Vocational Behavior	The incremental validity of organizational commitment, organizational trust, and organizational identification	TX0008093319
55	10.1016/j.wear.2015.11.004	Wear	Role of the friction layer in the high-temperature pin-on-disc study of a brake material	TX0008202671
56	10.1016/j.bej.2015.10.027	Biochemical Engineering Journal	Optimization denitrifying phosphorus removal at different hydraulic retention times in a novel anaerobic anoxic oxic-biological contact oxidation process	TX0008179313
57	10.1016/j.engfailanal.2015.10.002	Engineering Failure Analysis	A study of the wear damage on gas turbine blades	TX0008298593
58	10.1016/j.biortech.2015.07.090	Bioresource Technology	Nitrogen removal performance and microbial distribution in pilot- and full-scale integrated fixed-biofilm activated sludge reactors based on nitrification-anammox process	TX0008151125
59	10.1016/j.watres.2015.08.019	Water Research	Treatment of oil sands process-affected water (OSPW) using ozonation combined with integrated fixed-film activated sludge (IFAS)	TX0008148980
60	10.1016/j.renene.2014.11.004	Renewable Energy	Experimental and theoretical analysis of the stress-strain state of anisotropic multilayer composite panels for wind turbine blade	TX0008093379
61	10.1016/j.ijheatfluidflow.2015.09.001	International Journal of Heat and Fluid Flow	An experimental and computational study of tip clearance effects on a transonic turbine stage	TX0008205108
62	10.1016/j.jeurceramsoc.2014.05.016	Journal of the European Ceramic Society	High temperature internal friction measurements of 3YTZP zirconia polycrystals. High temperature background and creep	TX0008043665
63	10.1016/j.triboint.2014.03.010	Tribology International	Effects of compressive stresses on torsional fatigue	TX0008033755
64	10.1016/j.triboint.2014.09.016	Tribology International	Nonlinear dynamic analysis of rotary seal ring considering creep rotation	TX0008012243

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65	10.1016/j.apenergy.2014.12.055	Applied Energy	Theoretical modeling and experimental investigations for the improvement of the mechanical efficiency in sliding vane rotary compressors	TX0008102189
66	10.1016/j.applthermaleng.2015.07.021	Applied Thermal Engineering	Thermal deformation prediction based on the temperature distribution of the rotor in rotary air-preheater	TX0008203511
67	10.1016/j.surg.2015.09.016	Surgery	Clinical predictors of prolonged postresection hypotension after laparoscopic adrenalectomy for pheochromocytoma	TX0008263392
68	10.1016/j.respol.2014.12.008	Research Policy	Understanding the emergence of new science and technology policies: Policy entrepreneurship, agenda setting and the development of the European Framework Programme	TX0008117570
69	10.1016/j.eurpolymj.2014.07.016	European Polymer Journal	Monotonic loading and fatigue response of a bio-based polyamide PA11 and a petrol-based polyamide PA12 manufactured by selective laser sintering	TX0008042007
70	10.1016/j.eurpolymj.2014.08.004	European Polymer Journal	Morphology of polymeric powders in Laser Sintering (LS): From Polyamide to new PEEK powders	TX0008042007
71	10.1016/j.eurpolymj.2014.04.004	European Polymer Journal	In situ polymerised polyamide 6/sepiolite nanocomposites: Effect of different interphases	TX0008001090
72	10.1016/j.jprot.2015.05.035	Journal of Proteomics	Venomomics of the beaked sea snake, <i>Hydrophis schistosus</i> : A minimalist toxin arsenal and its cross-neutralization by heterologous antivenoms	TX0008127052
73	10.1016/j.jaridenv.2014.04.010	Journal of Arid Environments	Snake bites in the Arabian Peninsula, a review article	TX0008007267
74	10.1016/j.toxicon.2014.08.063	Toxicon	Ten years of snakebites in Iran	TX0008057768
75	10.1016/j.jembe.2015.07.011	Journal of Experimental Marine Biology and Ecology	Effects of environmental variables on the movement and space use of coastal sea snakes over multiple temporal scales	TX0008211358

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76	10.1016/j.nbd.2014.07.014	Neurobiology of Disease	VPS35 dysfunction impairs lysosomal degradation of α -synuclein and exacerbates neurotoxicity in a Drosophila model of Parkinson's disease	TX0008065665
77	10.1016/j.scitotenv.2014.07.071	Science of The Total Environment	Occurrence, distribution, sources and toxic potential of polycyclic aromatic hydrocarbons (PAHs) in surface soils from the Kumasi Metropolis, Ghana	TX0008103109
78	10.1016/j.yexcr.2015.07.003	Experimental Cell Research	Expression and subcellular localization of the Qa-SNARE syntaxin17 in human eosinophils	TX0008172566
79	10.1016/j.biortech.2014.12.072	Bioresource Technology	Biodiesel production from microalgae oil catalyzed by a recombinant lipase	TX0008025794
80	10.1016/j.nanoen.2015.02.024	Nano Energy	Template-directed construction of nanostructure arrays for highly-efficient energy storage and conversion	TX0008128448
81	10.1016/j.euroecorev.2015.08.004	European Economic Review	Corporate governance, environmental regulations, and technological change	TX0008294820
82	10.1016/j.iref.2015.06.006	International Review of Economics & Finance	Do strong corporate governance firms still require political connection, and vice versa?	TX0008195581
83	10.1016/j.frl.2015.02.007	Finance Research Letters	Does corporate governance influence corporate risk-taking? Evidence from the Institutional Shareholders Services (ISS)	TX0008116399
84	10.1016/j.bioelechem.2015.11.001	Bioelectrochemistry	Wiring microbial biofilms to the electrode by osmium redox polymer for the performance enhancement of microbial fuel cells	TX0008179320
85	10.1016/j.cej.2015.08.100	Chemical Engineering Journal	Nitrogen removal in a two-chambered microbial fuel cell: Establishment of a nitrifying–denitrifying microbial community on an intermittent aerated cathode	TX0008222777
86	10.1016/j.econlet.2015.05.006	Economics Letters	The welfare economics of infectious happiness	TX0008142569
87	10.1016/j.jpowsour.2015.07.103	Journal of Power Sources	AC power generation from microbial fuel cells	TX0008270964

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88	10.1016/j.aca.2015.07.019	Analytica Chimica Acta	Electrochemical detection in paper-based analytical devices using microwire electrodes	TX0008290050
89	10.1016/j.advengsoft.2015.02.005	Advances in Engineering Software	Thin crack observation in a reinforced concrete bridge pier test using image processing and analysis	TX0008074030
90	10.1016/j.agwat.2015.06.018	Agricultural Water Management	Environmental and economic analysis of using SWAT to simulate the effects of switchgrass production on water quality in an impaired watershed	TX0008127056
91	10.1016/j.amc.2015.04.116	Applied Mathematics and Computation	Long-time behavior of a suspension bridge equations with past history	TX0008129468
92	10.1016/j.aml.2014.10.013	Applied Mathematics Letters	A mean value algorithm for Toeplitz matrix completion	TX0008017000
93	10.1016/j.anucene.2014.04.033	Annals of Nuclear Energy	The scenario-based system of workers training to prevent accidents during decommissioning of nuclear facilities	TX0007973081
94	10.1016/j.apcatb.2014.03.025	Applied Catalysis B: Environmental	Insights into the influence of the Ag loading on Al ₂ O ₃ in the H ₂ -assisted C ₃ H ₆ -SCR of NO _x	TX0007956416
95	10.1016/j.apm.2014.06.022	Applied Mathematical Modelling	A new mathematical explanation of what triggered the catastrophic torsional mode of the Tacoma Narrows Bridge	TX0008006647
96	10.1016/j.apsusc.2014.09.133	Applied Surface Science	Effect of the presence of cationic polyacrylamide on the surface properties of aqueous alumina suspension-stability mechanism	TX0008006680
97	10.1016/j.apsusc.2015.07.052	Applied Surface Science	Optimization of process factors for self-healing vanadium-based conversion coating on AZ31 magnesium alloy	TX0008186059
98	10.1016/j.autcon.2014.02.016	Automation in Construction	Rapid and automated determination of rusted surface areas of a steel bridge for robotic maintenance systems	TX0007956785
99	10.1016/j.autcon.2014.06.005	Automation in Construction	A lightweight bridge inspection system using a dual-cable suspension mechanism	TX0008025197

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	DOI	Journal	Title	Registration No.
100	10.1016/B978-0-12-411549-1.00016-8		Emerging Markets and the Global Economy A Handbook	TX0007878578